

data\_NH4-NAT\_publ

\_pd\_block\_id

2010-12-15T23:07|NH4-NAT|NH4-NAT|

\_audit\_creation\_method "from EXP file using GSAS2CIF"

\_audit\_creation\_date 2010-12-15T23:07

\_audit\_author\_name NH4-NAT

\_audit\_update\_record

; 2010-12-15T23:07 Initial CIF as created by GSAS2CIF

;

#=====

# this information describes the project, paper etc. for the CIF #

# Acta Cryst. Section C papers and editorial correspondence is generated #

# from the information in this section #

# #

# (from) CIF submission form for Rietveld refinements (Acta Cryst. C) #

# Version 14 December 1998 #

#=====

## # 1. SUBMISSION DETAILS

\_publ\_contact\_author\_name ? # Name of author for correspondence

\_publ\_contact\_author\_address # Address of author for correspondence

; ?

;

\_publ\_contact\_author\_email ?

\_publ\_contact\_author\_fax ?

\_publ\_contact\_author\_phone ?

\_publ\_contact\_letter

; ?

;

\_publ\_requested\_journal ?

\_publ\_requested\_coeditor\_name ?

\_publ\_requested\_category ? # Acta C: one of CI/CM/CO/FI/FM/FO

#=====

## # 2. PROCESSING SUMMARY (IUCr Office Use Only)

\_journal\_data\_validation\_number ?

\_journal\_date\_recd\_electronic ?

\_journal\_date\_to\_coeditor ?

\_journal\_date\_from\_coeditor ?

\_journal\_date\_accepted ?

\_journal\_date\_printers\_first ?

\_journal\_date\_printers\_final ?

\_journal\_date\_proofs\_out ?

\_journal\_date\_proofs\_in ?

\_journal\_coeditor\_name ?

```
_journal_coeditor_code      ?
_journal_coeditor_notes
; ?
;
_journal_techeditor_code    ?
_journal_techeditor_notes
; ?
;
_journal_coden_ASTM        ?
_journal_name_full         ?
_journal_year              ?
_journal_volume            ?
_journal_issue             ?
_journal_page_first        ?
_journal_page_last         ?
_journal_paper_category    ?
_journal_suppl_publ_number ?
_journal_suppl_publ_pages  ?
```

```
#=====
```

### # 3. TITLE AND AUTHOR LIST

```
_publ_section_title
; ?
;
_publ_section_title_footnote
; ?
;
```

# The loop structure below should contain the names and addresses of all  
# authors, in the required order of publication. Repeat as necessary.

```
loop_
  _publ_author_name
  _publ_author_footnote
  _publ_author_address
  ?          #<--'Last name, first name'
; ?
;
; ?
;
```

```
#=====
```

### # 4. TEXT

```
_publ_section_synopsis
; ?
;
_publ_section_abstract
; ?
;
_publ_section_comment
```

```

; ?
;
_publ_section_exptl_prep    # Details of the preparation of the sample(s)
                             # should be given here.

; ?
;
_publ_section_exptl_refinement
; ?
;
_publ_section_references
; ?
;
_publ_section_figure_captions
; ?
;
_publ_section_acknowledgements
; ?
;

```

```

#=====
# 5. OVERALL REFINEMENT & COMPUTING DETAILS

```

```

_refine_special_details
; ?
;
_pd_proc_ls_special_details
; ?
;

```

# The following items are used to identify the programs used.

```

_computing_molecular_graphics  ?
_computing_publication_material ?

```

```

_refine_ls_weighting_scheme    ?
_refine_ls_weighting_details   ?
_refine_ls_hydrogen_treatment  ?
_refine_ls_extinction_method   ?
_refine_ls_extinction_coef     ?
_refine_ls_number_constraints   ?

```

```

_refine_ls_restrained_S_all    ?
_refine_ls_restrained_S_obs    ?

```

```

#=====
# 6. SAMPLE PREPARATION DATA

```

# (In the unusual case where multiple samples are used in a single  
# Rietveld study, this information should be moved into the phase  
# blocks)

# The following three fields describe the preparation of the material.  
# The cooling rate is in K/min. The pressure at which the sample was  
# prepared is in kPa. The temperature of preparation is in K.

\_pd\_prep\_cool\_rate ?  
\_pd\_prep\_pressure ?  
\_pd\_prep\_temperature ?  
  
\_pd\_char\_colour ? # use ICDD colour descriptions  
\_refine\_ls\_shift/su\_max 10.06  
\_refine\_ls\_shift/su\_mean 1.51  
\_computing\_structure\_refinement GSAS  
\_refine\_ls\_number\_parameters 45  
\_refine\_ls\_goodness\_of\_fit\_all 3.74  
\_refine\_ls\_number\_restraints 28  
\_refine\_ls\_matrix\_type full

#=====

## # 7. CHEMICAL, STRUCTURAL AND CRYSTAL DATA

\_pd\_char\_particle\_morphology ?  
  
\_chemical\_name\_systematic  
; ?  
;  
\_chemical\_name\_common ?  
\_chemical\_formula\_moiety ?  
\_chemical\_formula\_structural ?  
\_chemical\_formula\_analytical ?  
\_chemical\_melting\_point ?  
\_chemical\_compound\_source ? # for minerals and  
# natural products  
\_symmetry\_space\_group\_name\_Hall ?  
  
\_exptl\_crystal\_F\_000 ?  
\_exptl\_crystal\_density\_diffn ?  
\_exptl\_crystal\_density\_meas ?  
\_exptl\_crystal\_density\_method ?  
  
\_cell\_measurement\_temperature ?  
  
\_cell\_special\_details  
; ?  
;  
  
\_geom\_special\_details ?

# The following item identifies the program(s) used (if appropriate).

\_computing\_structure\_solution ?

#=====

## # 8. Phase information from GSAS

\_pd\_phase\_name NH4-NAT  
\_cell\_length\_a 19.84234(15)  
\_cell\_length\_b 20.06522(15)  
\_cell\_length\_c 6.51942(5)  
\_cell\_angle\_alpha 90.0

```

_cell_angle_beta          90.0
_cell_angle_gamma         90.0
_cell_volume              2595.65(4)
_symmetry_cell_setting    orthorhombic
_symmetry_space_group_name_H-M  "F d d 2"
loop_ _symmetry_equiv_pos_site_id _symmetry_equiv_pos_as_xyz
  1 +x,+y,+z
  2 -x+1/4,+y+1/4,+z+1/4
  3 +x+1/4,-y+1/4,+z+1/4
  4 -x,-y+1/2,+z+1/2
  101 +x,+y+1/2,+z+1/2
  102 -x+1/4,+y+3/4,+z+3/4
  103 +x+1/4,-y+3/4,+z+3/4
  104 -x,-y,+z
  201 +x+1/2,+y,+z+1/2
  202 -x+3/4,+y+1/4,+z+3/4
  203 +x+3/4,-y+1/4,+z+3/4
  204 -x+1/2,-y+1/2,+z
  301 +x+1/2,+y+1/2,+z
  302 -x+3/4,+y+3/4,+z+1/4
  303 +x+3/4,-y+3/4,+z+1/4
  304 -x+1/2,-y,+z+1/2

```

#### # ATOMIC COORDINATES AND DISPLACEMENT PARAMETERS

```

loop_
  _atom_site_type_symbol
  _atom_site_label
  _atom_site_fract_x
  _atom_site_fract_y
  _atom_site_fract_z
  _atom_site_occupancy
  _atom_site_thermal_displace_type
  _atom_site_U_iso_or_equiv
  _atom_site_symmetry_multiplicity
Si
Si1  0.0      0.0      -0.0177(10)  1.0      Uiso  0.0154(4)   8
Si
Si2  0.17335(10) 0.18978(11) 0.6015(8)   1.0      Uiso  0.0154(4)  16
Al
Al   0.05926(11) 0.07292(10) 0.5952(8)   1.0      Uiso  0.0154(4)  16
O
O1   0.04726(19) 0.04706(20) 0.8475(9)   1.0      Uiso  0.0158(7)  16
O
O2   0.11078(16) 0.14124(17) 0.5845(13)  1.0      Uiso  0.0158(7)  16
O
O3   0.09610(15) 0.00861(18) 0.4572(9)   1.0      Uiso  0.0158(7)  16
O
O4   0.22994(16) 0.15604(16) 0.7453(10)  1.0      Uiso  0.0158(7)  16
O
O5   0.20355(21) 0.20319(20) 0.3732(8)   1.0      Uiso  0.0158(7)  16
N
N1A  0.1701(8)   0.0815(11)  0.0872(27)  0.73(6)   Uiso  0.0251(24) 16

```

N  
 N1B 0.1550(23) 0.1047(34) 0.111(8) 0.27(6) Uiso 0.0251(24) 16  
 O  
 OW1A 0.2371(6) 0.0038(14) 0.5741(28) 0.447(34) Uiso 0.0224(24) 16  
 O  
 OW1B 0.2452(7) 0.0347(15) 0.5438(29) 0.432(32) Uiso 0.0224(24) 16

# If you change Z, be sure to change all 3 of the following  
 \_chemical\_formula\_sum "Al2 N2.00 O11.76 Si3"  
 \_chemical\_formula\_weight 354.33  
 \_cell\_formula\_units\_Z 8

# # MOLECULAR GEOMETRY

loop\_  
 \_geom\_bond\_atom\_site\_label\_1  
 \_geom\_bond\_atom\_site\_label\_2  
 \_geom\_bond\_distance  
 \_geom\_bond\_site\_symmetry\_1  
 \_geom\_bond\_site\_symmetry\_2  
 \_geom\_bond\_publ\_flag  
 Si1 O1 1.5947(21) . 1\_554 N  
 Si1 O1 1.5947(21) . 104\_554 N  
 Si1 O3 3.640(6) . 1\_555 N  
 Si1 O3 3.640(6) . 104\_555 N  
 Si1 O5 1.6046(22) . 102\_544 N  
 Si1 O5 1.6046(22) . 203\_454 N  
 Si2 O2 1.5818(26) . 1\_555 N  
 Si2 O3 1.5909(27) . 2\_555 N  
 Si2 O3 3.646(4) . 3\_555 N  
 Si2 O4 1.6116(27) . 1\_555 N  
 Si2 O5 1.6272(29) . 1\_555 N  
 Si2 O5 3.577(4) . 204\_555 N  
 Si2 OW1B 3.444(24) . 1\_555 N  
 Al O1 1.7416(29) . 1\_555 N  
 Al O1 3.601(4) . 104\_555 N  
 Al O2 1.7115(26) . 1\_555 N  
 Al O3 1.7345(27) . 1\_555 N  
 Al O3 3.604(4) . 104\_555 N  
 Al O4 3.499(4) . 102\_544 N  
 Al O4 1.7549(26) . 203\_454 N  
 Al O5 3.761(5) . 203\_454 N  
 Al OW1B 3.693(23) . 203\_454 N  
 O1 Si1 1.5947(21) . 1\_556 N  
 O1 Al 1.7416(29) . 1\_555 N  
 O1 Al 3.601(4) . 104\_555 N  
 O1 O1 2.662(7) . 104\_555 N  
 O1 O2 2.846(5) . 1\_555 N  
 O1 O3 2.830(6) . 1\_555 N  
 O1 O3 4.163(6) . 1\_556 N  
 O1 O3 3.977(6) . 104\_555 N  
 O1 O4 4.286(5) . 1\_555 N  
 O1 O4 3.684(6) . 102\_544 N  
 O1 O4 2.819(5) . 203\_454 N

O1	O5	2.6033(32)	102_545	N
O1	O5	2.5858(32)	203_455	N
O1	N1A	2.977(12)	1_556	N
O1	N1B	2.98(4)	1_556	N
O1	OW1A	4.256(14)	1_555	N
O1	OW1A	4.207(30)	2_555	N
O2	Si2	1.5818(26)	1_555	N
O2	Al	1.7115(26)	1_555	N
O2	O1	2.846(5)	1_555	N
O2	O3	2.803(5)	1_555	N
O2	O3	2.630(4)	2_555	N
O2	O4	2.603(4)	1_555	N
O2	O4	2.825(4)	203_454	N
O2	O5	2.614(5)	1_555	N
O2	OW1A	3.727(20)	1_555	N
O2	OW1A	3.364(22)	2_555	N
O2	OW1A	3.652(21)	203_454	N
O2	OW1B	3.429(16)	1_555	N
O2	OW1B	3.816(25)	2_555	N
O2	OW1B	3.326(18)	203_454	N
O3	Si1	3.640(6)	1_555	N
O3	Si2	1.5909(27)	102_544	N
O3	Si2	3.646(4)	203_454	N
O3	Al	1.7345(27)	1_555	N
O3	Al	3.604(4)	104_555	N
O3	O1	4.163(6)	1_554	N
O3	O1	2.830(6)	1_555	N
O3	O1	3.977(6)	104_555	N
O3	O2	2.803(5)	1_555	N
O3	O2	2.630(4)	102_544	N
O3	O3	3.829(6)	104_555	N
O3	O4	2.564(5)	102_544	N
O3	O4	2.882(4)	203_454	N
O3	O5	2.636(5)	102_544	N
O3	O5	3.651(6)	203_454	N
O3	N1A	3.180(15)	1_555	N
O3	N1B	3.19(5)	1_555	N
O3	OW1A	2.901(12)	1_555	N
O3	OW1A	4.154(13)	304_554	N
O3	OW1B	3.057(16)	1_555	N
O3	OW1B	4.235(15)	304_554	N
O4	Si2	1.6116(27)	1_555	N
O4	Al	3.499(4)	2_555	N
O4	Al	1.7549(26)	3_555	N
O4	O1	4.286(5)	1_555	N
O4	O1	3.684(6)	2_555	N
O4	O1	2.819(5)	3_555	N
O4	O2	2.603(4)	1_555	N
O4	O2	2.825(4)	3_555	N
O4	O3	2.564(5)	2_555	N
O4	O3	2.882(4)	3_555	N
O4	O4	3.854(6)	204_555	N
O4	O5	2.656(6)	1_555	N
O4	O5	4.234(6)	1_556	N

O4	O5	3.950(6) . 204_555 N
O4	N1A	2.936(14) . 1_556 N
O4	N1B	2.99(5) . 1_556 N
O4	OW1A	3.255(26) . 1_555 N
O4	OW1A	3.913(22) . 304_555 N
O4	OW1B	2.783(22) . 1_555 N
O4	OW1B	4.322(23) . 304_555 N
O5	Si1	1.6046(22) . 2_555 N
O5	Si2	1.6272(29) . 1_555 N
O5	Si2	3.577(4) . 204_555 N
O5	Al	3.761(5) . 3_555 N
O5	O1	2.6033(32) . 2_554 N
O5	O1	2.5858(32) . 3_554 N
O5	O2	2.614(5) . 1_555 N
O5	O3	2.636(5) . 2_555 N
O5	O3	3.651(6) . 3_555 N
O5	O4	4.234(6) . 1_554 N
O5	O4	2.656(6) . 1_555 N
O5	O4	3.950(6) . 204_555 N
O5	O5	2.632(7) . 204_555 N
O5	N1A	3.143(21) . 1_555 N
O5	N1B	2.79(6) . 1_555 N
O5	OW1A	4.262(29) . 1_555 N
O5	OW1B	3.654(30) . 1_555 N
O5	OW1B	4.174(15) . 203_454 N
N1A	O1	2.977(12) . 1_554 N
N1A	O3	3.180(15) . 1_555 N
N1A	O4	2.936(14) . 1_554 N
N1A	O5	3.143(21) . 1_555 N
N1A	N1B	0.57(6) . 1_555 N
N1A	OW1A	2.516(32) . 304_554 N
N1A	OW1B	2.887(34) . 304_554 N
N1B	O1	2.98(4) . 1_554 N
N1B	O3	3.19(5) . 1_555 N
N1B	O4	2.99(5) . 1_554 N
N1B	O5	2.79(6) . 1_555 N
N1B	N1A	0.57(6) . 1_555 N
N1B	OW1A	3.06(8) . 304_554 N
OW1A	O1	4.256(14) . 1_555 N
OW1A	O1	4.207(30) . 102_544 N
OW1A	O2	3.727(20) . 1_555 N
OW1A	O2	3.652(21) . 3_555 N
OW1A	O2	3.364(22) . 102_544 N
OW1A	O3	2.901(12) . 1_555 N
OW1A	O3	4.154(13) . 304_555 N
OW1A	O4	3.255(26) . 1_555 N
OW1A	O4	3.913(22) . 304_554 N
OW1A	O5	4.262(29) . 1_555 N
OW1A	N1A	2.516(32) . 304_555 N
OW1A	N1B	3.06(8) . 304_555 N
OW1A	OW1A	3.303(4) . 304_554 N
OW1A	OW1A	3.303(4) . 304_555 N
OW1A	OW1B	0.669(18) . 1_555 N
OW1A	OW1B	3.560(31) . 304_554 N



OW1A	OW1B	3.177(28)	.	304_555	N
OW1B	Si2	3.444(24)	.	1_555	N
OW1B	Al	3.693(23)	.	3_555	N
OW1B	O2	3.429(16)	.	1_555	N
OW1B	O2	3.326(18)	.	3_555	N
OW1B	O2	3.816(25)	.	102_544	N
OW1B	O3	3.057(16)	.	1_555	N
OW1B	O3	4.235(15)	.	304_555	N
OW1B	O4	2.783(22)	.	1_555	N
OW1B	O4	4.322(23)	.	304_554	N
OW1B	O5	3.654(30)	.	1_555	N
OW1B	O5	4.174(15)	.	3_555	N
OW1B	N1A	2.887(34)	.	304_555	N
OW1B	OW1A	0.669(18)	.	1_555	N
OW1B	OW1A	3.177(28)	.	304_554	N
OW1B	OW1A	3.560(31)	.	304_555	N
OW1B	OW1B	3.549(23)	.	304_554	N
OW1B	OW1B	3.549(23)	.	304_555	N

loop\_

\_geom\_angle\_atom\_site\_label\_1  
 \_geom\_angle\_atom\_site\_label\_2  
 \_geom\_angle\_atom\_site\_label\_3  
 \_geom\_angle  
 \_geom\_angle\_site\_symmetry\_1  
 \_geom\_angle\_site\_symmetry\_2  
 \_geom\_angle\_site\_symmetry\_3  
 \_geom\_angle\_publ\_flag

O1	Si1	O1	113.1(4)	1_554	.	104_543	N
O1	Si1	O5	108.92(14)	1_554	.	102_544	N
O1	Si1	O5	107.85(14)	1_554	.	203_454	N
O1	Si1	O5	107.85(14)	104_543	.	102_544	N
O1	Si1	O5	108.92(14)	104_543	.	203_454	N
O5	Si1	O5	110.2(4)	102_544	.	203_454	N
O2	Si2	O3	111.99(22)	1_555	.	2_555	N
O2	Si2	O4	109.20(25)	1_555	.	1_555	N
O2	Si2	O5	109.08(30)	1_555	.	1_555	N
O3	Si2	O4	106.37(27)	2_555	.	1_555	N
O3	Si2	O5	110.00(27)	2_555	.	1_555	N
O4	Si2	O5	110.17(29)	1_555	.	1_555	N
O1	Al	O2	111.01(28)	1_555	.	1_555	N
O1	Al	O3	109.02(28)	1_555	.	1_555	N
O1	Al	O4	107.44(23)	1_555	.	203_454	N
O2	Al	O3	108.86(26)	1_555	.	1_555	N
O2	Al	O4	109.15(21)	1_555	.	203_454	N
O3	Al	O4	111.37(24)	1_555	.	203_454	N
Si1	O1	Al	141.02(33)	1_556	.	1_555	N
Si2	O2	Al	163.57(32)	1_555	.	1_555	N
Si2	O3	Al	140.19(24)	102_544	.	1_555	N
Si2	O4	Al	137.70(24)	1_555	.	3_555	N
Si1	O5	Si2	146.3(4)	2_555	.	1_555	N

# Powder diffraction data for histogram 1

#=====

## # 9. INSTRUMENT CHARACTERIZATION

\_exptl\_special\_details

; ?  
;

# if regions of the data are excluded, the reason(s) are supplied here:

\_pd\_proc\_info\_excluded\_regions

; ?  
;

# The following item is used to identify the equipment used to record  
# the powder pattern when the diffractogram was measured at a laboratory  
# other than the authors' home institution, e.g. when neutron or synchrotron  
# radiation is used.

\_pd\_instr\_location

; ?  
;

\_pd\_calibration\_special\_details       # description of the method used  
                                      # to calibrate the instrument

; ?  
;

\_diffrn\_ambient\_temperature       ?

\_diffrn\_source                   ?

\_diffrn\_source\_target           ?

\_diffrn\_source\_type             ?

\_diffrn\_measurement\_device\_type   ?

\_diffrn\_detector                ?

\_diffrn\_detector\_type           ?    # make or model of detector

\_pd\_meas\_scan\_method           ?    # options are 'step', 'cont',  
                                  # 'tof', 'fixed' or  
                                  # 'disp' (= dispersive)

\_pd\_meas\_special\_details

; ?  
;

# The following two items identify the program(s) used (if appropriate).

\_computing\_data\_collection       ?

\_computing\_data\_reduction        ?

# Describe any processing performed on the data, prior to refinement.

# For example: a manual Lp correction or a precomputed absorption correction

\_pd\_proc\_info\_data\_reduction     ?

# The following item is used for angular dispersive measurements only.

\_diffrn\_radiation\_monochromator   ?

# The following items are used to define the size of the instrument.

# Not all distances are appropriate for all instrument types.

```
_pd_instr_dist_src/mono      ?
_pd_instr_dist_mono/spec    ?
_pd_instr_dist_src/spec     ?
_pd_instr_dist_spec/anal    ?
_pd_instr_dist_anal/detc    ?
_pd_instr_dist_spec/detc    ?
```

#### # 10. Specimen size and mounting information

# The next three fields give the specimen dimensions in mm. The equatorial  
# plane contains the incident and diffracted beam.

```
_pd_spec_size_axial      ?    # perpendicular to
                           # equatorial plane

_pd_spec_size_equat      ?    # parallel to
                           # scattering vector
                           # in transmission

_pd_spec_size_thick      ?    # parallel to
                           # scattering vector
                           # in reflection

_pd_spec_mounting        # This field should be
                           # used to give details of the
                           # container.

; ?
;

_pd_spec_mount_mode      ?    # options are 'reflection'
                           # or 'transmission'

_pd_spec_shape           ?    # options are 'cylinder'
                           # 'flat_sheet' or 'irregular'
```

```
loop_ _atom_type_symbol
  _atom_type_number_in_cell
  _atom_type_scatter_dispersion_real
  _atom_type_scatter_dispersion_imag
  _atom_type_scatter_Cromer_Mann_a1
  _atom_type_scatter_Cromer_Mann_a2
  _atom_type_scatter_Cromer_Mann_a3
  _atom_type_scatter_Cromer_Mann_a4
  _atom_type_scatter_Cromer_Mann_b1
  _atom_type_scatter_Cromer_Mann_b2
  _atom_type_scatter_Cromer_Mann_b3
  _atom_type_scatter_Cromer_Mann_b4
  _atom_type_scatter_Cromer_Mann_c
  _atom_type_scatter_source
Si      24.0  0.000  0.000
6.29150 2.43860 3.03530 32.3337 1.98910 0.67850 1.54100 81.6937 1.14070
International_Tables_Vol_C
Al      16.0  0.000  0.000
```

```

6.42020 3.03870 1.90020 0.74260 1.59360 31.5472 1.96460 85.0886 1.11510
International_Tables_Vol_C
O    94.053  0.000  0.000
3.04850 13.2771 2.28680 5.70110 1.54630 0.32390 0.86700 32.9089 0.25080
International_Tables_Vol_C
N    16.0  0.000  0.000
12.2126 0.00570 3.13220 9.89330 2.01250 28.9975 1.16630 0.58260 -11.529
International_Tables_Vol_C
_diffn_radiation_probe      x-ray
_diffn_radiation_polarisn_ratio    0.95
_diffn_radiation_wavelength    1.549
_diffn_radiation_type      ?
_pd_proc_ls_prof_R_factor      0.0898
_pd_proc_ls_prof_wR_factor      0.1197
_pd_proc_ls_prof_wR_expected      0.0323
_refine_ls_R_Fsqd_factor      0.14029

_pd_proc_ls_background_function
; GSAS Background function number 2 with 3 terms.
Cosine Fourier series
  1:  1.00000  2:  0.00000  3:  0.00000
;

_exptl_absorpt_process_details
; GSAS Absorption/surface roughness correction: function number 0
No correction is applied.
;
_exptl_absorpt_correction_T_min    1.00000
_exptl_absorpt_correction_T_max    1.00000
# Extinction correction
_gsas_exptl_extinct_corr_T_min    1.00000
_gsas_exptl_extinct_corr_T_max    1.00000
_pd_proc_ls_pref_orient_corr
; March-Dollase
AXIS 1 Ratio= 1.29127 h= 0.000 k= 0.000 l= 1.000
Preferred orientation correction range: Min= 0.46286, Max= 1.46986
;

_pd_proc_ls_profile_function
;
CW Profile function number 3 with 19 terms
Pseudovoigt profile coefficients as parameterized in
P. Thompson, D.E. Cox & J.B. Hastings (1987). J. Appl. Cryst.,20,79-83.
Asymmetry correction of L.W. Finger, D.E. Cox & A. P. Jephcoat (1994).
J. Appl. Cryst.,27,892-900.
#1(GU) = 4.211 #2(GV) = 1.547 #3(GW) = -0.074
#4(GP) = 0.000 #5(LX) = 2.298 #6(LY) = 10.951
#7(S/L) = 0.0047 #8(H/L) = 0.0188
#9(trns) = 0.00 #10(shft)= 0.0000
#11(stec)= 0.00 #12(ptec)= 0.00 #13(sfec)= 0.00
#14(L11) = 0.000 #15(L22) = 0.000 #16(L33) = 0.000
#17(L12) = 0.000 #18(L13) = 0.000 #19(L23) = 0.000
Peak tails are ignored where the intensity is below 0.0010 times the peak
Aniso. broadening axis 0.0 0.0 1.0

```

```
;
_pd_proc_ls_peak_cutoff 0.00100
_pd_proc_info_datetime      2010-12-15T23:07:29
_pd_calc_method             "Rietveld Refinement"
```

```
#---- raw/calc data loop ----
```

```
_pd_meas_2theta_range_min      7.0
_pd_meas_2theta_range_max      127.995
_pd_meas_2theta_range_inc      0.005
_pd_proc_2theta_range_min      6.98746
_pd_proc_2theta_range_max      127.98246
_pd_proc_2theta_range_inc      0.005
```

```
loop_
```

```
  _pd_meas_counts_total
  _pd_proc_ls_weight
  _pd_proc_intensity_bkg_calc
  _pd_calc_intensity_total
```

```
2590.0  0.0  1.00000  .
2392.0  0.0  1.00000  .
2570.0  0.0  1.00000  .
2477.0  0.0  1.00000  .
2326.0  0.0  1.00000  .
2502.0  0.0  1.00000  .
2337.0  0.0  1.00000  .
2367.0  0.0  1.00000  .
2444.0  0.0  1.00000  .
2466.0  0.0  1.00000  .
2502.0  0.0  1.00000  .
2490.0  0.0  1.00000  .
2316.0  0.0  1.00000  .
2439.0  0.0  1.00000  .
2381.0  0.0  1.00000  .
2536.0  0.0  1.00000  .
2411.0  0.0  1.00000  .
2402.0  0.0  1.00000  .
2413.0  0.0  1.00000  .
2390.0  0.0  1.00000  .
2268.0  0.0  1.00000  .
2413.0  0.0  1.00000  .
2341.0  0.0  1.00000  .
2293.0  0.0  1.00000  .
2388.0  0.0  1.00000  .
2347.0  0.0  1.00000  .
2417.0  0.0  1.00000  .
2562.0  0.0  1.00000  .
2267.0  0.0  1.00000  .
2289.0  0.0  1.00000  .
2257.0  0.0  1.00000  .
2376.0  0.0  1.00000  .
2326.0  0.0  1.00000  .
2360.0  0.0  1.00000  .
2232.0  0.0  1.00000  .
2247.0  0.0  1.00000  .
```

2329.0	0.0	1.00000	.
2272.0	0.0	1.00000	.
2318.0	0.0	1.00000	.
2327.0	0.0	1.00000	.
2232.0	0.0	1.00000	.
2224.0	0.0	1.00000	.
2360.0	0.0	1.00000	.
2253.0	0.0	1.00000	.
2285.0	0.0	1.00000	.
2310.0	0.0	1.00000	.
2319.0	0.0	1.00000	.
2236.0	0.0	1.00000	.
2145.0	0.0	1.00000	.
2135.0	0.0	1.00000	.
2267.0	0.0	1.00000	.
2156.0	0.0	1.00000	.
2197.0	0.0	1.00000	.
2266.0	0.0	1.00000	.
2133.0	0.0	1.00000	.
2212.0	0.0	1.00000	.
2100.0	0.0	1.00000	.
2065.0	0.0	1.00000	.
2190.0	0.0	1.00000	.
2215.0	0.0	1.00000	.
2250.0	0.0	1.00000	.
2235.0	0.0	1.00000	.
2078.0	0.0	1.00000	.
1968.0	0.0	1.00000	.
2119.0	0.0	1.00000	.
2126.0	0.0	1.00000	.
2231.0	0.0	1.00000	.
2063.0	0.0	1.00000	.
2109.0	0.0	1.00000	.
2149.0	0.0	1.00000	.
2088.0	0.0	1.00000	.
2037.0	0.0	1.00000	.
2089.0	0.0	1.00000	.
2178.0	0.0	1.00000	.
2134.0	0.0	1.00000	.
2106.0	0.0	1.00000	.
2112.0	0.0	1.00000	.
2074.0	0.0	1.00000	.
2211.0	0.0	1.00000	.
2047.0	0.0	1.00000	.
2135.0	0.0	1.00000	.
1965.0	0.0	1.00000	.
2130.0	0.0	1.00000	.
2044.0	0.0	1.00000	.
2119.0	0.0	1.00000	.
2042.0	0.0	1.00000	.
2006.0	0.0	1.00000	.
2097.0	0.0	1.00000	.
2064.0	0.0	1.00000	.
2033.0	0.0	1.00000	.

2053.0	0.0	1.00000	.
2000.0	0.0	1.00000	.
2069.0	0.0	1.00000	.
2044.0	0.0	1.00000	.
1994.0	0.0	1.00000	.
1959.0	0.0	1.00000	.
1951.0	0.0	1.00000	.
1962.0	0.0	1.00000	.
1948.0	0.0	1.00000	.
2037.0	0.0	1.00000	.
1868.0	0.0	1.00000	.
2039.0	0.0	1.00000	.
2012.0	0.0	1.00000	.
1991.0	0.0	1.00000	.
1934.0	0.0	1.00000	.
2063.0	0.0	1.00000	.
1882.0	0.0	1.00000	.
1957.0	0.0	1.00000	.
1962.0	0.0	1.00000	.
1962.0	0.0	1.00000	.
1931.0	0.0	1.00000	.
1972.0	0.0	1.00000	.
1925.0	0.0	1.00000	.
1970.0	0.0	1.00000	.
2010.0	0.0	1.00000	.
1963.0	0.0	1.00000	.
2025.0	0.0	1.00000	.
1971.0	0.0	1.00000	.
1972.0	0.0	1.00000	.
1970.0	0.0	1.00000	.
1915.0	0.0	1.00000	.
1906.0	0.0	1.00000	.
1781.0	0.0	1.00000	.
2042.0	0.0	1.00000	.
1858.0	0.0	1.00000	.
1833.0	0.0	1.00000	.
1910.0	0.0	1.00000	.
1846.0	0.0	1.00000	.
1946.0	0.0	1.00000	.
1867.0	0.0	1.00000	.
2004.0	0.0	1.00000	.
1813.0	0.0	1.00000	.
1904.0	0.0	1.00000	.
1923.0	0.0	1.00000	.
1954.0	0.0	1.00000	.
1791.0	0.0	1.00000	.
1840.0	0.0	1.00000	.
1819.0	0.0	1.00000	.
1864.0	0.0	1.00000	.
1815.0	0.0	1.00000	.
1884.0	0.0	1.00000	.
1825.0	0.0	1.00000	.
1954.0	0.0	1.00000	.
1847.0	0.0	1.00000	.

1890.0	0.0	1.00000	.
1838.0	0.0	1.00000	.
1952.0	0.0	1.00000	.
1901.0	0.0	1.00000	.
1756.0	0.0	1.00000	.
1757.0	0.0	1.00000	.
1830.0	0.0	1.00000	.
1796.0	0.0	1.00000	.
1779.0	0.0	1.00000	.
1870.0	0.0	1.00000	.
1749.0	0.0	1.00000	.
1747.0	0.0	1.00000	.
1789.0	0.0	1.00000	.
1885.0	0.0	1.00000	.
1743.0	0.0	1.00000	.
1842.0	0.0	1.00000	.
1817.0	0.0	1.00000	.
1703.0	0.0	1.00000	.
1821.0	0.0	1.00000	.
1701.0	0.0	1.00000	.
1629.0	0.0	1.00000	.
1759.0	0.0	1.00000	.
1857.0	0.0	1.00000	.
1833.0	0.0	1.00000	.
1683.0	0.0	1.00000	.
1779.0	0.0	1.00000	.
1709.0	0.0	1.00000	.
1802.0	0.0	1.00000	.
1768.0	0.0	1.00000	.
1824.0	0.0	1.00000	.
1783.0	0.0	1.00000	.
1675.0	0.0	1.00000	.
1823.0	0.0	1.00000	.
1693.0	0.0	1.00000	.
1898.0	0.0	1.00000	.
1644.0	0.0	1.00000	.
1830.0	0.0	1.00000	.
1739.0	0.0	1.00000	.
1728.0	0.0	1.00000	.
1799.0	0.0	1.00000	.
1591.0	0.0	1.00000	.
1689.0	0.0	1.00000	.
1635.0	0.0	1.00000	.
1695.0	0.0	1.00000	.
1729.0	0.0	1.00000	.
1641.0	0.0	1.00000	.
1636.0	0.0	1.00000	.
1646.0	0.0	1.00000	.
1682.0	0.0	1.00000	.
1665.0	0.0	1.00000	.
1685.0	0.0	1.00000	.
1703.0	0.0	1.00000	.
1705.0	0.0	1.00000	.
1689.0	0.0	1.00000	.



1654.0	0.0	1.00000	.
1672.0	0.0	1.00000	.
1662.0	0.0	1.00000	.
1674.0	0.0	1.00000	.
1681.0	0.0	1.00000	.
1651.0	0.0	1.00000	.
1738.0	0.0	1.00000	.
1678.0	0.0	1.00000	.
1635.0	0.0	1.00000	.
1754.0	0.0	1.00000	.
1718.0	0.0	1.00000	.
1584.0	0.0	1.00000	.
1738.0	0.0	1.00000	.
1731.0	0.0	1.00000	.
1549.0	0.0	1.00000	.
1619.0	0.0	1.00000	.
1525.0	0.0	1.00000	.
1616.0	0.0	1.00000	.
1587.0	0.0	1.00000	.
1600.0	0.0	1.00000	.
1575.0	0.0	1.00000	.
1782.0	0.0	1.00000	.
1563.0	0.0	1.00000	.
1624.0	0.0	1.00000	.
1615.0	0.0	1.00000	.
1575.0	0.0	1.00000	.
1619.0	0.0	1.00000	.
1659.0	0.0	1.00000	.
1696.0	0.0	1.00000	.
1613.0	0.0	1.00000	.
1684.0	0.0	1.00000	.
1443.0	0.0	1.00000	.
1532.0	0.0	1.00000	.
1605.0	0.0	1.00000	.
1579.0	0.0	1.00000	.
1543.0	0.0	1.00000	.
1657.0	0.0	1.00000	.
1456.0	0.0	1.00000	.
1597.0	0.0	1.00000	.
1594.0	0.0	1.00000	.
1646.0	0.0	1.00000	.
1581.0	0.0	1.00000	.
1556.0	0.0	1.00000	.
1563.0	0.0	1.00000	.
1619.0	0.0	1.00000	.
1533.0	0.0	1.00000	.
1662.0	0.0	1.00000	.
1476.0	0.0	1.00000	.
1546.0	0.0	1.00000	.
1617.0	0.0	1.00000	.
1536.0	0.0	1.00000	.
1553.0	0.0	1.00000	.
1470.0	0.0	1.00000	.
1552.0	0.0	1.00000	.

1573.0	0.0	1.00000	.
1516.0	0.0	1.00000	.
1473.0	0.0	1.00000	.
1507.0	0.0	1.00000	.
1521.0	0.0	1.00000	.
1466.0	0.0	1.00000	.
1480.0	0.0	1.00000	.
1561.0	0.0	1.00000	.
1472.0	0.0	1.00000	.
1498.0	0.0	1.00000	.
1449.0	0.0	1.00000	.
1470.0	0.0	1.00000	.
1464.0	0.0	1.00000	.
1532.0	0.0	1.00000	.
1486.0	0.0	1.00000	.
1524.0	0.0	1.00000	.
1489.0	0.0	1.00000	.
1515.0	0.0	1.00000	.
1453.0	0.0	1.00000	.
1549.0	0.0	1.00000	.
1567.0	0.0	1.00000	.
1485.0	0.0	1.00000	.
1458.0	0.0	1.00000	.
1397.0	0.0	1.00000	.
1482.0	0.0	1.00000	.
1427.0	0.0	1.00000	.
1523.0	0.0	1.00000	.
1426.0	0.0	1.00000	.
1514.0	0.0	1.00000	.
1460.0	0.0	1.00000	.
1475.0	0.0	1.00000	.
1470.0	0.0	1.00000	.
1527.0	0.0	1.00000	.
1508.0	0.0	1.00000	.
1439.0	0.0	1.00000	.
1519.0	0.0	1.00000	.
1501.0	0.0	1.00000	.
1452.0	0.0	1.00000	.
1517.0	0.0	1.00000	.
1446.0	0.0	1.00000	.
1486.0	0.0	1.00000	.
1486.0	0.0	1.00000	.
1358.0	0.0	1.00000	.
1459.0	0.0	1.00000	.
1437.0	0.0	1.00000	.
1458.0	0.0	1.00000	.
1454.0	0.0	1.00000	.
1381.0	0.0	1.00000	.
1410.0	0.0	1.00000	.
1400.0	0.0	1.00000	.
1434.0	0.0	1.00000	.
1483.0	0.0	1.00000	.
1406.0	0.0	1.00000	.
1465.0	0.0	1.00000	.

1391.0	0.0	1.00000	.
1390.0	0.0	1.00000	.
1467.0	0.0	1.00000	.
1387.0	0.0	1.00000	.
1485.0	0.0	1.00000	.
1423.0	0.0	1.00000	.
1480.0	0.0	1.00000	.
1396.0	0.0	1.00000	.
1392.0	0.0	1.00000	.
1414.0	0.0	1.00000	.
1416.0	0.0	1.00000	.
1412.0	0.0	1.00000	.
1467.0	0.0	1.00000	.
1412.0	0.0	1.00000	.
1348.0	0.0	1.00000	.
1397.0	0.0	1.00000	.
1370.0	0.0	1.00000	.
1536.0	0.0	1.00000	.
1386.0	0.0	1.00000	.
1381.0	0.0	1.00000	.
1402.0	0.0	1.00000	.
1426.0	0.0	1.00000	.
1410.0	0.0	1.00000	.
1515.0	0.0	1.00000	.
1433.0	0.0	1.00000	.
1336.0	0.0	1.00000	.
1370.0	0.0	1.00000	.
1413.0	0.0	1.00000	.
1336.0	0.0	1.00000	.
1427.0	0.0	1.00000	.
1355.0	0.0	1.00000	.
1286.0	0.0	1.00000	.
1332.0	0.0	1.00000	.
1268.0	0.0	1.00000	.
1358.0	0.0	1.00000	.
1268.0	0.0	1.00000	.
1287.0	0.0	1.00000	.
1390.0	0.0	1.00000	.
1385.0	0.0	1.00000	.
1348.0	0.0	1.00000	.
1359.0	0.0	1.00000	.
1375.0	0.0	1.00000	.
1320.0	0.0	1.00000	.
1361.0	0.0	1.00000	.
1390.0	0.0	1.00000	.
1362.0	0.0	1.00000	.
1398.0	0.0	1.00000	.
1302.0	0.0	1.00000	.
1377.0	0.0	1.00000	.
1399.0	0.0	1.00000	.
1441.0	0.0	1.00000	.
1350.0	0.0	1.00000	.
1319.0	0.0	1.00000	.
1385.0	0.0	1.00000	.

1305.0	0.0	1.00000	.
1329.0	0.0	1.00000	.
1254.0	0.0	1.00000	.
1342.0	0.0	1.00000	.
1353.0	0.0	1.00000	.
1420.0	0.0	1.00000	.
1357.0	0.0	1.00000	.
1326.0	0.0	1.00000	.
1178.0	0.0	1.00000	.
1331.0	0.0	1.00000	.
1366.0	0.0	1.00000	.
1360.0	0.0	1.00000	.
1231.0	0.0	1.00000	.
1213.0	0.0	1.00000	.
1293.0	0.0	1.00000	.
1320.0	0.0	1.00000	.
1347.0	0.0	1.00000	.
1422.0	0.0	1.00000	.
1303.0	0.0	1.00000	.
1314.0	0.0	1.00000	.
1280.0	0.0	1.00000	.
1265.0	0.0	1.00000	.
1247.0	0.0	1.00000	.
1321.0	0.0	1.00000	.
1350.0	0.0	1.00000	.
1211.0	0.0	1.00000	.
1318.0	0.0	1.00000	.
1193.0	0.0	1.00000	.
1289.0	0.0	1.00000	.
1264.0	0.0	1.00000	.
1223.0	0.0	1.00000	.
1277.0	0.0	1.00000	.
1334.0	0.0	1.00000	.
1307.0	0.0	1.00000	.
1329.0	0.0	1.00000	.
1305.0	0.0	1.00000	.
1244.0	0.0	1.00000	.
1293.0	0.0	1.00000	.
1273.0	0.0	1.00000	.
1276.0	0.0	1.00000	.
1197.0	0.0	1.00000	.
1302.0	0.0	1.00000	.
1246.0	0.0	1.00000	.
1250.0	0.0	1.00000	.
1315.0	0.0	1.00000	.
1156.0	0.0	1.00000	.
1213.0	0.0	1.00000	.
1240.0	0.0	1.00000	.
1248.0	0.0	1.00000	.
1194.0	0.0	1.00000	.
1231.0	0.0	1.00000	.
1282.0	0.0	1.00000	.
1290.0	0.0	1.00000	.
1240.0	0.0	1.00000	.

1307.0	0.0	1.00000	.
1235.0	0.0	1.00000	.
1126.0	0.0	1.00000	.
1266.0	0.0	1.00000	.
1259.0	0.0	1.00000	.
1190.0	0.0	1.00000	.
1264.0	0.0	1.00000	.
1272.0	0.0	1.00000	.
1267.0	0.0	1.00000	.
1193.0	0.0	1.00000	.
1176.0	0.0	1.00000	.
1196.0	0.0	1.00000	.
1275.0	0.0	1.00000	.
1250.0	0.0	1.00000	.
1234.0	0.0	1.00000	.
1280.0	0.0	1.00000	.
1279.0	0.0	1.00000	.
1165.0	0.0	1.00000	.
1166.0	0.0	1.00000	.
1232.0	0.0	1.00000	.
1182.0	0.0	1.00000	.
1219.0	0.0	1.00000	.
1232.0	0.0	1.00000	.
1171.0	0.0	1.00000	.
1214.0	0.0	1.00000	.
1173.0	0.0	1.00000	.
1201.0	0.0	1.00000	.
1172.0	0.0	1.00000	.
1234.0	0.0	1.00000	.
1140.0	0.0	1.00000	.
1234.0	0.0	1.00000	.
1123.0	0.0	1.00000	.
1126.0	0.0	1.00000	.
1298.0	0.0	1.00000	.
1230.0	0.0	1.00000	.
1199.0	0.0	1.00000	.
1195.0	0.0	1.00000	.
1192.0	0.0	1.00000	.
1216.0	0.0	1.00000	.
1253.0	0.0	1.00000	.
1154.0	0.0	1.00000	.
1196.0	0.0	1.00000	.
1143.0	0.0	1.00000	.
1235.0	0.0	1.00000	.
1212.0	0.0	1.00000	.
1158.0	0.0	1.00000	.
1178.0	0.0	1.00000	.
1199.0	0.0	1.00000	.
1193.0	0.0	1.00000	.
1223.0	0.0	1.00000	.
1103.0	0.0	1.00000	.
1155.0	0.0	1.00000	.
1072.0	0.0	1.00000	.
1164.0	0.0	1.00000	.

1157.0	0.0	1.00000	.
1097.0	0.0	1.00000	.
1192.0	0.0	1.00000	.
1161.0	0.0	1.00000	.
1199.0	0.0	1.00000	.
1131.0	0.0	1.00000	.
1180.0	0.0	1.00000	.
1090.0	0.0	1.00000	.
1200.0	0.0	1.00000	.
1142.0	0.0	1.00000	.
1202.0	0.0	1.00000	.
1193.0	0.0	1.00000	.
1125.0	0.0	1.00000	.
1157.0	0.0	1.00000	.
1141.0	0.0	1.00000	.
1087.0	0.0	1.00000	.
1207.0	0.0	1.00000	.
1138.0	0.0	1.00000	.
1121.0	0.0	1.00000	.
1168.0	0.0	1.00000	.
1123.0	0.0	1.00000	.
1166.0	0.0	1.00000	.
1185.0	0.0	1.00000	.
1139.0	0.0	1.00000	.
1120.0	0.0	1.00000	.
1115.0	0.0	1.00000	.
1162.0	0.0	1.00000	.
1115.0	0.0	1.00000	.
1146.0	0.0	1.00000	.
1025.0	0.0	1.00000	.
1114.0	0.0	1.00000	.
1166.0	0.0	1.00000	.
1089.0	0.0	1.00000	.
1063.0	0.0	1.00000	.
1134.0	0.0	1.00000	.
1197.0	0.0	1.00000	.
1221.0	0.0	1.00000	.
1191.0	0.0	1.00000	.
1130.0	0.0	1.00000	.
1118.0	0.0	1.00000	.
1097.0	0.0	1.00000	.
1162.0	0.0	1.00000	.
1074.0	0.0	1.00000	.
1103.0	0.0	1.00000	.
1200.0	0.0	1.00000	.
1198.0	0.0	1.00000	.
1153.0	0.0	1.00000	.
1126.0	0.0	1.00000	.
1057.0	0.0	1.00000	.
1056.0	0.0	1.00000	.
1076.0	0.0	1.00000	.
1193.0	0.0	1.00000	.
1082.0	0.0	1.00000	.
1076.0	0.0	1.00000	.

1171.0	0.0	1.00000	.
1081.0	0.0	1.00000	.
1037.0	0.0	1.00000	.
1073.0	0.0	1.00000	.
1020.0	0.0	1.00000	.
1116.0	0.0	1.00000	.
1142.0	0.0	1.00000	.
1081.0	0.0	1.00000	.
1092.0	0.0	1.00000	.
1152.0	0.0	1.00000	.
1116.0	0.0	1.00000	.
1066.0	0.0	1.00000	.
1094.0	0.0	1.00000	.
1135.0	0.0	1.00000	.
1006.0	0.0	1.00000	.
1032.0	0.0	1.00000	.
1066.0	0.0	1.00000	.
1069.0	0.0	1.00000	.
1011.0	0.0	1.00000	.
1101.0	0.0	1.00000	.
1021.0	0.0	1.00000	.
1048.0	0.0	1.00000	.
1076.0	0.0	1.00000	.
1030.0	0.0	1.00000	.
1109.0	0.0	1.00000	.
1026.0	0.0	1.00000	.
1166.0	0.0	1.00000	.
1038.0	0.0	1.00000	.
1137.0	0.0	1.00000	.
1100.0	0.0	1.00000	.
1060.0	0.0	1.00000	.
1078.0	0.0	1.00000	.
1004.0	0.0	1.00000	.
1074.0	0.0	1.00000	.
1073.0	0.0	1.00000	.
1057.0	0.0	1.00000	.
967.0	0.0	1.00000	.
1022.0	0.0	1.00000	.
1069.0	0.0	1.00000	.
1040.0	0.0	1.00000	.
1076.0	0.0	1.00000	.
1073.0	0.0	1.00000	.
1052.0	0.0	1.00000	.
1046.0	0.0	1.00000	.
1048.0	0.0	1.00000	.
1042.0	0.0	1.00000	.
1082.0	0.0	1.00000	.
1002.0	0.0	1.00000	.
1095.0	0.0	1.00000	.
1076.0	0.0	1.00000	.
1007.0	0.0	1.00000	.
984.0	0.0	1.00000	.
1050.0	0.0	1.00000	.
1081.0	0.0	1.00000	.

1012.0	0.0	1.00000	.
1012.0	0.0	1.00000	.
1039.0	0.0	1.00000	.
1098.0	0.0	1.00000	.
1090.0	0.0	1.00000	.
1048.0	0.0	1.00000	.
1083.0	0.0	1.00000	.
1101.0	0.0	1.00000	.
1118.0	0.0	1.00000	.
1047.0	0.0	1.00000	.
959.0	0.0	1.00000	.
990.0	0.0	1.00000	.
997.0	0.0	1.00000	.
1014.0	0.0	1.00000	.
1080.0	0.0	1.00000	.
1041.0	0.0	1.00000	.
980.0	0.0	1.00000	.
954.0	0.0	1.00000	.
1002.0	0.0	1.00000	.
963.0	0.0	1.00000	.
1003.0	0.0	1.00000	.
994.0	0.0	1.00000	.
987.0	0.0	1.00000	.
999.0	0.0	1.00000	.
1042.0	0.0	1.00000	.
1057.0	0.000946	985.98999	1.00000
1053.0	0.000950	985.21051	1.00000
1013.0	0.000987	984.43103	1.00000
1040.0	0.000962	983.65155	1.00000
987.0	0.001013	982.87225	1.00000
1002.0	0.000998	982.09277	1.00000
988.0	0.001012	981.31329	1.00000
1057.0	0.000946	980.53381	1.00000
1062.0	0.000942	979.75433	1.00000
1051.0	0.000951	978.97485	1.00000
984.0	0.001016	978.19537	1.00000
991.0	0.001009	977.41589	1.00000
1073.0	0.000932	976.63660	1.00000
1018.0	0.000982	975.85712	1.00000
1037.0	0.000964	975.07764	1.00000
1002.0	0.000998	974.29816	1.00000
1072.0	0.000933	973.51868	1.00000
1028.0	0.000973	972.73920	1.00000
1048.0	0.000954	971.95972	1.00000
961.0	0.001041	971.18024	1.00000
1082.0	0.000924	970.40088	1.00000
998.0	0.001002	969.62140	1.00000
985.0	0.001015	968.84198	1.00000
947.0	0.001056	968.06250	1.00000
963.0	0.001038	967.28302	1.00000
1002.0	0.000998	966.50354	1.00000
981.0	0.001019	965.72406	1.00000
950.0	0.001053	964.94458	1.00000
933.0	0.001072	964.16510	1.00000



1027.0	0.000974	963.38574	1.00000
1011.0	0.000989	962.60626	1.00000
948.0	0.001055	961.82678	1.00000
989.0	0.001011	961.04730	1.00000
1015.0	0.000985	960.26788	1.00000
1016.0	0.000984	959.48840	1.00000
948.0	0.001055	958.70892	1.00000
991.0	0.001009	957.92944	1.00000
928.0	0.001078	957.15009	1.00000
999.0	0.001001	956.37061	1.00000
974.0	0.001027	955.59113	1.00000
990.0	0.001010	954.81165	1.00000
998.0	0.001002	954.03217	1.00000
961.0	0.001041	953.25269	1.00000
966.0	0.001035	952.47327	1.00000
921.0	0.001086	951.69379	1.00000
908.0	0.001101	950.91443	1.00000
989.0	0.001011	950.13495	1.00000
968.0	0.001033	949.35547	1.00000
927.0	0.001079	948.57599	1.00000
974.0	0.001027	947.79651	1.00000
952.0	0.001050	947.01703	1.00000
966.0	0.001035	946.23755	1.00000
987.0	0.001013	945.45807	1.00000
1057.0	0.000946	944.67859	1.00000
923.0	0.001083	943.89929	1.00000
971.0	0.001030	943.11981	1.00000
955.0	0.001047	942.34033	1.00000
957.0	0.001045	941.56085	1.00000
906.0	0.001104	940.78137	1.00000
947.0	0.001056	940.00189	1.00000
992.0	0.001008	939.22241	1.00000
950.0	0.001053	938.44293	1.00000
990.0	0.001010	937.66364	1.00000
859.0	0.001164	936.88416	1.00000
983.0	0.001017	936.10468	1.00000
976.0	0.001025	935.32520	1.00000
985.0	0.001015	934.54572	1.00000
988.0	0.001012	933.76624	1.00000
941.0	0.001063	932.98676	1.00000
1010.0	0.000990	932.20728	1.00000
949.0	0.001054	931.42798	1.00000
1005.0	0.000995	930.64850	1.00000
969.0	0.001032	929.86902	1.00000
922.0	0.001085	929.08954	1.00000
1005.0	0.000995	928.31006	1.00000
903.0	0.001107	927.53058	1.00000
916.0	0.001092	926.75110	1.00000
1050.0	0.000952	925.97162	1.00000
960.0	0.001042	925.19214	1.00000
908.0	0.001101	924.41284	1.00000
1010.0	0.000990	923.63336	1.00000
993.0	0.001007	922.85388	1.00000
968.0	0.001033	922.07440	1.00000

927.0	0.001079	921.29492	1.00000
909.0	0.001100	920.51544	1.00000
925.0	0.001081	919.73596	1.00000
1021.0	0.000979	918.95648	1.00000
978.0	0.001022	918.17719	1.00000
919.0	0.001088	917.39771	1.00000
897.0	0.001115	916.61823	1.00000
831.0	0.001203	915.83875	1.00000
932.0	0.001073	915.05927	1.00000
908.0	0.001101	914.27979	1.00000
837.0	0.001195	913.50031	1.00000
911.0	0.001098	912.72083	1.00000
922.0	0.001085	911.94147	1.00000
1011.0	0.000989	911.16199	1.00000
858.0	0.001166	910.38257	1.00000
931.0	0.001074	909.60309	1.00000
902.0	0.001109	908.82361	1.00000
998.0	0.001002	908.04413	1.00000
959.0	0.001043	907.26465	1.00000
942.0	0.001062	906.48517	1.00000
898.0	0.001114	905.70569	1.00000
919.0	0.001088	904.92633	1.00000
963.0	0.001038	904.14685	1.00000
1006.0	0.000994	903.36737	1.00000
941.0	0.001063	902.58789	1.00000
885.0	0.001130	901.80847	1.00000
931.0	0.001074	901.02899	1.00000
867.0	0.001153	900.24951	1.00000
977.0	0.001024	899.47003	1.00000
904.0	0.001106	898.69067	1.00000
866.0	0.001155	897.91119	1.00000
904.0	0.001106	897.13171	1.00000
926.0	0.001080	896.35223	1.00000
900.0	0.001111	895.57275	1.00000
940.0	0.001064	894.79327	1.00000
935.0	0.001070	894.01385	1.00000
968.0	0.001033	893.23438	1.00000
865.0	0.001156	892.45502	1.00000
924.0	0.001082	891.67554	1.00000
944.0	0.001059	890.89606	1.00000
923.0	0.001083	890.11658	1.00000
979.0	0.001021	889.33710	1.00000
847.0	0.001181	888.55762	1.00000
978.0	0.001022	887.77814	1.00000
850.0	0.001176	886.99866	1.00000
1026.0	0.000975	886.21918	1.00000
914.0	0.001094	885.43988	1.00000
911.0	0.001098	884.66040	1.00000
895.0	0.001117	883.88092	1.00000
959.0	0.001043	883.10144	1.00000
878.0	0.001139	882.32196	1.00000
975.0	0.001026	881.54248	1.00000
895.0	0.001117	880.76300	1.00000
904.0	0.001106	879.98352	1.00000

836.0	0.001196	879.20422	1.00000
883.0	0.001133	878.42474	1.00000
974.0	0.001027	877.64526	1.00000
911.0	0.001098	876.86578	1.00000
928.0	0.001078	876.08630	1.00000
914.0	0.001094	875.30682	1.00000
911.0	0.001098	874.52734	1.00000
881.0	0.001135	873.74786	1.00000
888.0	0.001126	872.96857	1.00000
998.0	0.001002	872.18909	1.00000
882.0	0.001134	871.40961	1.00000
883.0	0.001133	870.63013	1.00000
932.0	0.001073	869.85065	1.00000
881.0	0.001135	869.07117	1.00000
894.0	0.001119	868.29169	1.00000
922.0	0.001085	867.51221	1.00000
923.0	0.001083	866.73273	1.00000
899.0	0.001112	865.95343	1.00000
892.0	0.001121	865.17395	1.00000
944.0	0.001059	864.39447	1.00000
837.0	0.001195	863.61499	1.00000
878.0	0.001139	862.83551	1.00000
861.0	0.001161	862.05603	1.00000
846.0	0.001182	861.27655	1.00000
899.0	0.001112	860.49707	1.00000
915.0	0.001093	859.71777	1.00000
864.0	0.001157	858.93829	1.00000
900.0	0.001111	858.15881	1.00000
875.0	0.001143	857.37933	1.00000
865.0	0.001156	856.59985	1.00000
864.0	0.001157	855.82037	1.00000
889.0	0.001125	855.04089	1.00000
876.0	0.001142	854.26141	1.00000
885.0	0.001130	853.48206	1.00000
889.0	0.001125	852.70258	1.00000
916.0	0.001092	851.92316	1.00000
875.0	0.001143	851.14368	1.00000
899.0	0.001112	850.36420	1.00000
877.0	0.001140	849.58472	1.00000
881.0	0.001135	848.80524	1.00000
776.0	0.001289	848.02576	1.00000
932.0	0.001073	847.24628	1.00000
850.0	0.001176	846.46692	1.00000
861.0	0.001161	845.68744	1.00000
844.0	0.001185	844.90796	1.00000
839.0	0.001192	844.12848	1.00000
878.0	0.001139	843.34906	1.00000
919.0	0.001088	842.56958	1.00000
844.0	0.001185	841.79010	1.00000
856.0	0.001168	841.01062	1.00000
862.0	0.001160	840.23126	1.00000
854.0	0.001171	839.45178	1.00000
842.0	0.001188	838.67230	1.00000
899.0	0.001112	837.89282	1.00000

868.0	0.001152	837.11334	1.00000
888.0	0.001126	836.33386	1.00000
868.0	0.001152	835.55444	1.00000
788.0	0.001269	834.77496	1.00000
902.0	0.001109	833.99561	1.00000
904.0	0.001106	833.21613	1.00000
852.0	0.001174	832.43665	1.00000
856.0	0.001168	831.65717	1.00000
862.0	0.001160	830.87769	1.00000
871.0	0.001148	830.09821	1.00000
884.0	0.001131	829.31873	1.00000
885.0	0.001130	828.53925	1.00000
913.0	0.001095	827.75983	1.00000
889.0	0.001125	826.98047	1.00000
881.0	0.001135	826.20099	1.00000
888.0	0.001126	825.42151	1.00000
809.0	0.001236	824.64203	1.00000
827.0	0.001209	823.86255	1.00000
865.0	0.001156	823.08307	1.00000
931.0	0.001074	822.30359	1.00000
894.0	0.001119	821.52411	1.00000
837.0	0.001195	820.74481	1.00000
854.0	0.001171	819.96533	1.00000
851.0	0.001175	819.18585	1.00000
842.0	0.001188	818.40637	1.00000
882.0	0.001134	817.62689	1.00000
914.0	0.001094	816.84741	1.00000
834.0	0.001199	816.06793	1.00000
906.0	0.001104	815.28845	1.00000
863.0	0.001159	814.50916	1.00000
821.0	0.001218	813.72968	1.00000
861.0	0.001161	812.95020	1.00000
893.0	0.001120	812.17072	1.00000
842.0	0.001188	811.39124	1.00000
899.0	0.001112	810.61176	1.00000
883.0	0.001133	809.83228	1.00000
851.0	0.001175	809.05280	1.00000
845.0	0.001183	808.27332	1.00000
876.0	0.001142	807.49402	1.00000
837.0	0.001195	806.71454	1.00000
833.0	0.001200	805.93506	1.00000
842.0	0.001188	805.15558	1.00000
888.0	0.001126	804.37610	1.00000
899.0	0.001112	803.59662	1.00000
785.0	0.001274	802.81714	1.00000
890.0	0.001124	802.03766	1.00000
862.0	0.001160	801.25836	1.00000
821.0	0.001218	800.47888	1.00000
845.0	0.001183	799.69940	1.00000
831.0	0.001203	798.91992	1.00000
869.0	0.001151	798.14044	1.00000
842.0	0.001188	797.36096	1.00000
938.0	0.001066	796.58148	1.00000
923.0	0.001083	795.80200	1.00000

857.0	0.001167	795.02264	1.00000
848.0	0.001179	794.24316	1.00000
860.0	0.001163	793.46375	1.00000
847.0	0.001181	792.68427	1.00000
788.0	0.001269	791.90479	1.00000
894.0	0.001119	791.12531	1.00000
907.0	0.001103	790.34583	1.00000
819.0	0.001221	789.95001	1.00000
907.0	0.001103	789.65009	1.00000
906.0	0.001104	789.35022	1.00000
833.0	0.001200	789.05035	1.00000
832.0	0.001202	788.75043	1.00000
868.0	0.001152	788.45050	1.00000
872.0	0.001147	788.15057	1.00000
827.0	0.001209	787.85065	1.00000
877.0	0.001140	787.55072	1.00000
853.0	0.001172	787.25079	1.00000
878.0	0.001139	786.95093	1.00000
848.0	0.001179	786.65100	1.00000
787.0	0.001271	786.35114	1.00000
819.0	0.001221	786.05121	1.00000
813.0	0.001230	785.75128	1.00000
826.0	0.001211	785.45135	1.00000
809.0	0.001236	785.15143	1.00000
900.0	0.001111	784.85150	1.00000
805.0	0.001242	784.55164	1.00000
818.0	0.001222	784.25171	1.00000
851.0	0.001175	783.95178	1.00000
889.0	0.001125	783.65192	1.00000
823.0	0.001215	783.35199	1.00000
842.0	0.001188	783.05206	1.00000
823.0	0.001215	782.75214	1.00000
893.0	0.001120	782.45221	1.00000
880.0	0.001136	782.15228	1.00000
830.0	0.001205	781.85242	1.00000
884.0	0.001131	781.55249	1.00000
870.0	0.001149	781.25256	1.00000
842.0	0.001188	780.95270	1.00000
922.0	0.001085	780.65277	1.00000
831.0	0.001203	780.35284	1.00000
869.0	0.001151	780.05292	1.00000
813.0	0.001230	779.75299	1.00000
938.0	0.001066	779.45313	1.00000
832.0	0.001202	779.15320	1.00000
886.0	0.001129	778.85327	1.00000
856.0	0.001168	778.55334	1.00000
786.0	0.001272	778.25342	1.00000
837.0	0.001195	777.95355	1.00000
909.0	0.001100	777.65363	1.00000
850.0	0.001176	777.35370	1.00000
871.0	0.001148	777.05383	1.00000
885.0	0.001130	776.75391	1.00000
857.0	0.001167	776.45398	1.00000
817.0	0.001224	776.15405	1.00000

833.0	0.001200	775.85413	1.00000
911.0	0.001098	775.55420	1.00000
846.0	0.001182	775.25433	1.00000
868.0	0.001152	774.95441	1.00000
840.0	0.001190	774.65448	1.00000
812.0	0.001232	774.35461	1.00000
886.0	0.001129	774.05469	1.00000
885.0	0.001130	773.75476	1.00000
899.0	0.001112	773.45483	1.00000
885.0	0.001130	773.15491	1.00000
856.0	0.001168	772.85498	1.00000
833.0	0.001200	772.55511	1.00000
857.0	0.001167	772.25519	1.00000
791.0	0.001264	771.95532	1.00000
839.0	0.001192	771.65540	1.00000
821.0	0.001218	771.35547	1.00000
828.0	0.001208	771.05554	1.00000
861.0	0.001161	770.75562	1.00000
865.0	0.001156	770.45569	1.00000
813.0	0.001230	770.15576	1.00000
879.0	0.001138	769.85583	1.00000
874.0	0.001144	769.55603	1.00000
835.0	0.001198	769.25610	1.00000
870.0	0.001149	768.95618	1.00000
845.0	0.001183	768.65625	1.00000
854.0	0.001171	768.35632	1.00000
876.0	0.001142	768.05640	1.00000
874.0	0.001144	767.75647	1.00000
833.0	0.001200	767.45654	1.00000
847.0	0.001181	767.15662	1.00000
824.0	0.001214	766.85681	1.00000
877.0	0.001140	766.55688	1.00000
952.0	0.001050	766.25696	1.00000
893.0	0.001120	765.95703	1.00000
855.0	0.001170	765.65710	1.00000
885.0	0.001130	765.35718	1.00000
863.0	0.001159	765.05725	1.00000
922.0	0.001085	764.75732	1.00000
893.0	0.001120	764.45746	1.00000
865.0	0.001156	764.15753	1.00000
857.0	0.001167	763.85767	1.00000
863.0	0.001159	763.55774	1.00000
879.0	0.001138	763.25781	1.00000
881.0	0.001135	762.95789	1.00000
901.0	0.001110	762.65796	1.00000
855.0	0.001170	762.35803	1.00000
855.0	0.001170	762.05817	1.00000
971.0	0.001030	761.75824	1.00000
921.0	0.001086	761.45831	1.00000
914.0	0.001094	761.15845	1.00000
869.0	0.001151	760.85852	1.00000
867.0	0.001153	760.55859	1.00000
892.0	0.001121	760.25867	1.00000
799.0	0.001252	759.95874	1.00000

890.0	0.001124	759.65881	1.00000
933.0	0.001072	759.35895	1.00000
883.0	0.001133	759.05902	1.00000
886.0	0.001129	758.75909	1.00000
797.0	0.001255	758.45923	1.00000
891.0	0.001122	758.15930	1.00000
816.0	0.001225	757.85938	1.00000
824.0	0.001214	757.55945	1.00000
885.0	0.001130	757.25952	1.00000
919.0	0.001088	756.95966	1.00000
918.0	0.001089	756.65973	1.00000
911.0	0.001098	756.35980	1.00000
871.0	0.001148	756.05988	1.00000
917.0	0.001091	755.75995	1.00000
903.0	0.001107	755.46008	1.00000
953.0	0.001049	755.16016	1.00000
878.0	0.001139	754.86023	1.00000
892.0	0.001121	754.56036	1.00000
783.0	0.001277	754.26044	1.00000
851.0	0.001175	753.96051	1.00000
889.0	0.001125	753.66058	1.00000
893.0	0.001120	753.36066	1.00000
894.0	0.001119	753.06073	1.00000
863.0	0.001159	752.76086	1.00000
863.0	0.001159	752.46094	1.00000
862.0	0.001160	752.16101	1.00000
982.0	0.001018	751.86115	165.83484
995.0	0.001005	751.56122	168.21663
911.0	0.001098	751.26129	170.65044
921.0	0.001086	750.96136	173.13779
946.0	0.001057	750.66144	175.68027
918.0	0.001089	750.36151	178.27951
935.0	0.001070	750.06165	180.93723
886.0	0.001129	749.76172	183.65517
936.0	0.001068	749.46185	186.43521
924.0	0.001082	749.16193	189.27921
968.0	0.001033	748.86200	192.18915
966.0	0.001035	748.56207	195.16711
879.0	0.001138	748.26215	198.21523
915.0	0.001093	747.96222	201.33571
939.0	0.001065	747.66229	204.53088
947.0	0.001056	747.36237	207.80313
940.0	0.001064	747.06256	211.15498
945.0	0.001058	746.76263	214.58900
891.0	0.001122	746.46271	218.10794
969.0	0.001032	746.16278	221.71458
956.0	0.001046	745.86285	225.41188
938.0	0.001066	745.56293	229.20293
880.0	0.001136	745.26300	233.09090
932.0	0.001073	744.96307	237.07912
907.0	0.001103	744.66315	241.17108
1053.0	0.000950	744.36334	245.37042
918.0	0.001089	744.06342	249.68091
932.0	0.001073	743.76349	254.10652

949.0	0.001054	743.46356	258.65140
1012.0	0.000988	743.16364	263.31985
953.0	0.001049	742.86371	268.11646
868.0	0.001152	742.56378	273.04584
1039.0	0.000962	742.26385	278.11307
1025.0	0.000976	741.96399	283.32324
1029.0	0.000972	741.66406	288.68185
1032.0	0.000969	741.36420	294.19458
1031.0	0.000970	741.06427	299.86740
1021.0	0.000979	740.76434	305.70657
959.0	0.001043	740.46442	311.71863
1013.0	0.000987	740.16449	317.91052
1063.0	0.000941	739.86456	324.28949
1069.0	0.000935	739.56470	330.86316
1025.0	0.000976	739.26477	337.63947
1050.0	0.000952	738.96484	344.62692
1042.0	0.000960	738.66498	351.83435
1063.0	0.000941	738.36505	359.27115
1050.0	0.000952	738.06512	366.94708
992.0	0.001008	737.76520	374.87256
1074.0	0.000931	737.46527	383.05853
1096.0	0.000912	737.16534	391.51654
1066.0	0.000938	736.86548	400.25876
1081.0	0.000925	736.56555	409.29813
1090.0	0.000917	736.26563	418.64828
1066.0	0.000938	735.96576	428.32358
1066.0	0.000938	735.66583	438.33936
1117.0	0.000895	735.36591	448.71173
1209.0	0.000827	735.06598	459.45795
1148.0	0.000871	734.76605	470.59613
1148.0	0.000871	734.46619	482.14554
1139.0	0.000878	734.16626	494.12683
1213.0	0.000824	733.86633	506.56180
1194.0	0.000838	733.56641	519.47357
1168.0	0.000856	733.26648	532.88696
1175.0	0.000851	732.96661	546.82831
1165.0	0.000858	732.66669	561.32574
1234.0	0.000810	732.36676	576.40918
1275.0	0.000784	732.06689	592.11078
1235.0	0.000810	731.76697	608.46478
1359.0	0.000736	731.46704	625.50800
1294.0	0.000773	731.16711	643.27954
1345.0	0.000743	730.86719	661.82178
1260.0	0.000794	730.56726	681.17987
1245.0	0.000803	730.26740	701.40253
1289.0	0.000776	729.96747	722.54218
1308.0	0.000765	729.66754	744.65503
1307.0	0.000765	729.36768	767.80206
1310.0	0.000763	729.06775	792.04865
1403.0	0.000713	728.76782	817.46600
1465.0	0.000683	728.46790	844.13068
1441.0	0.000694	728.16797	872.12573
1494.0	0.000669	727.86804	901.54163
1532.0	0.000653	727.56818	932.47614



1488.0	0.000672	727.26825	965.03619
1551.0	0.000645	726.96838	999.33759
1605.0	0.000623	726.66846	1035.50732
1569.0	0.000637	726.36853	1073.68372
1557.0	0.000642	726.06860	1114.01880
1698.0	0.000589	725.76868	1156.67883
1725.0	0.000580	725.46875	1201.84619
1760.0	0.000568	725.16882	1249.72217
1789.0	0.000559	724.86896	1300.52856
1921.0	0.000521	724.56909	1354.51013
1916.0	0.000522	724.26917	1411.93835
2078.0	0.000481	723.96924	1473.11389
1992.0	0.000502	723.66931	1538.37158
2099.0	0.000476	723.36938	1608.08398
2139.0	0.000468	723.06946	1682.66833
2148.0	0.000466	722.76953	1762.59131
2261.0	0.000442	722.46960	1848.37769
2460.0	0.000407	722.16968	1940.61829
2416.0	0.000414	721.86987	2039.98096
2454.0	0.000407	721.56995	2147.22241
2647.0	0.000378	721.27002	2263.20386
2739.0	0.000365	720.97009	2388.90747
2831.0	0.000353	720.67017	2525.45996
2931.0	0.0003412	720.37024	2674.15552
3163.0	0.0003162	720.07031	2836.48999
3241.0	0.0003085	719.77039	3014.19849
3494.0	0.0002862	719.47052	3209.30518
3593.0	0.0002783	719.17059	3424.17920
3904.0	0.0002561	718.87073	3661.61426
4158.0	0.0002405	718.57080	3924.92041
4447.0	0.0002249	718.27087	4218.04541
4971.0	0.0002012	717.97095	4545.72998
5374.0	0.0001861	717.67102	4913.70947
5841.0	0.0001712	717.37109	5328.97754
6291.0	0.0001590	717.07123	5800.13867
7054.0	0.0001418	716.77130	6337.88281
7915.0	0.0001263	716.47137	6955.63232
8811.0	0.0001135	716.17151	7670.46240
9811.0	0.0001019	715.87158	8504.42676
11187.0	0.0000894	715.57166	9486.55762
13073.0	0.0000765	715.27173	10655.96484
15037.0	0.0000665	714.97180	12066.62695
17031.0	0.0000587	714.67188	13794.58008
19985.0	0.0000500	714.37201	15947.98926
23421.0	0.0000427	714.07208	18679.91016
27415.0	0.0000365	713.77216	22202.30273
32382.0	0.0000309	713.47229	26797.05273
37995.0	0.0000263	713.17236	32809.16797
44008.0	0.0000227	712.87244	40572.14063
52123.0	0.0000192	712.57251	50147.87500
60348.0	0.0000166	712.27258	60837.15625
70108.0	0.0000143	711.97272	71188.46875
80173.0	0.0000125	711.67279	80783.06250
92090.0	0.0000109	711.37286	91802.85938

107517.0	9.30e-6	711.07294	107190.58594
123341.0	8.11e-6	710.77307	127759.76563
142770.0	7.00e-6	710.47314	150239.78125
161734.0	6.18e-6	710.17322	167694.09375
177172.0	5.64e-6	709.87329	175858.15625
187468.0	5.33e-6	709.57343	177530.18750
183465.0	5.45e-6	709.27350	174863.01563
163810.0	6.10e-6	708.97357	163837.37500
135438.0	7.38e-6	708.67365	142109.75000
107847.0	9.27e-6	708.37372	115146.65625
85524.0	0.0000117	708.07379	89928.94531
69141.0	0.0000145	707.77393	69572.56250
56025.0	0.0000178	707.47400	54187.19141
45447.0	0.0000220	707.17407	42836.76563
37404.0	0.0000267	706.87421	34489.37109
30962.0	0.0000323	706.57428	28295.10938
26385.0	0.0000379	706.27435	23621.93359
22528.0	0.0000444	705.97443	20023.78906
19309.0	0.0000518	705.67450	17195.07813
16779.0	0.0000596	705.37457	14928.62207
14946.0	0.0000669	705.07471	13082.85156
13601.0	0.0000735	704.77478	11558.95410
11906.0	0.0000840	704.47491	10286.06055
10448.0	0.0000957	704.17499	9212.01367
9342.0	0.0001070	703.87506	8297.58105
8403.0	0.0001190	703.57513	7512.73291
7630.0	0.0001311	703.27521	6834.16211
7097.0	0.0001409	702.97528	6243.55469
6529.0	0.0001532	702.67535	5726.36328
5997.0	0.0001668	702.37549	5270.92041
5498.0	0.0001819	702.07562	4867.78027
4874.0	0.0002052	701.77570	4509.23438
4601.0	0.0002173	701.47577	4188.94238
4410.0	0.0002268	701.17584	3901.64868
4105.0	0.0002436	700.87592	3642.97046
3965.0	0.0002522	700.57599	3409.22949
3783.0	0.0002643	700.27606	3197.31836
3499.0	0.0002858	699.97614	3004.59937
3297.0	0.0003033	699.67621	2828.82275
3123.0	0.0003202	699.37640	2668.05664
2903.0	0.0003445	699.07648	2520.63867
2823.0	0.000354	698.77655	2385.12988
2768.0	0.000361	698.47662	2260.28027
2532.0	0.000395	698.17670	2144.99951
2497.0	0.000400	697.87677	2038.33325
2346.0	0.000426	697.57684	1939.44373
2265.0	0.000442	697.27692	1847.59216
2194.0	0.000456	696.97705	1762.12537
2225.0	0.000449	696.67719	1682.46472
2088.0	0.000479	696.37726	1608.09558
2099.0	0.000476	696.07733	1538.55896
1986.0	0.000504	695.77740	1473.44470
1841.0	0.000543	695.47748	1412.38550
1868.0	0.000535	695.17755	1355.05103

1898.0	0.000527	694.87762	1301.14404
1725.0	0.000580	694.57776	1250.39673
1656.0	0.000604	694.27783	1202.56665
1672.0	0.000598	693.97791	1157.43408
1733.0	0.000577	693.67804	1114.79980
1547.0	0.000646	693.37811	1074.48279
1539.0	0.000650	693.07819	1036.31787
1521.0	0.000657	692.77826	1000.15448
1482.0	0.000675	692.47833	965.85498
1435.0	0.000697	692.17841	933.29321
1441.0	0.000694	691.87854	902.35382
1551.0	0.000645	691.57861	872.93060
1430.0	0.000699	691.27869	844.92609
1456.0	0.000687	690.97882	818.25055
1284.0	0.000779	690.67889	792.82098
1321.0	0.000757	690.37897	768.56097
1301.0	0.000769	690.07904	745.39990
1283.0	0.000779	689.77911	723.27228
1353.0	0.000739	689.47925	702.11755
1294.0	0.000773	689.17932	681.87939
1264.0	0.000791	688.87939	662.50562
1227.0	0.000815	688.57947	643.94769
1279.0	0.000782	688.27960	626.16040
1151.0	0.000869	687.97968	609.10162
1242.0	0.000805	687.67975	592.73206
1238.0	0.000808	687.37982	577.01520
1216.0	0.000822	687.07996	561.91656
1172.0	0.000853	686.78003	547.40430
1220.0	0.000820	686.48010	533.44830
1130.0	0.000885	686.18018	520.02063
1117.0	0.000895	685.88025	507.09473
1137.0	0.000880	685.58032	494.64612
1124.0	0.000890	685.28046	482.65143
1037.0	0.000964	684.98053	471.08884
1113.0	0.000898	684.68060	459.93793
1034.0	0.000967	684.38074	449.17935
1084.0	0.000923	684.08081	438.79483
1112.0	0.000899	683.78088	428.76730
1027.0	0.000974	683.48096	419.08054
1115.0	0.000897	683.18103	409.71930
979.0	0.001021	682.88110	400.66907
1070.0	0.000935	682.58124	391.91629
950.0	0.001053	682.28131	383.44812
1027.0	0.000974	681.98145	375.25223
1028.0	0.000973	681.68152	367.31708
966.0	0.001035	681.38159	359.63177
1030.0	0.000971	681.08167	352.18594
989.0	0.001011	680.78174	344.96970
1032.0	0.000969	680.48181	337.97366
969.0	0.001032	680.18188	331.18906
934.0	0.001071	679.88202	324.60733
899.0	0.001112	679.58215	318.22055
935.0	0.001070	679.28223	312.02106
936.0	0.001068	678.98230	306.00162

1015.0	0.000985	678.68237	300.15530
932.0	0.001073	678.38245	294.47556
967.0	0.001034	678.08252	288.95612
924.0	0.001082	677.78259	283.59097
927.0	0.001079	677.48267	278.37442
974.0	0.001027	677.18274	273.30103
945.0	0.001058	676.88293	268.36563
909.0	0.001100	676.58301	263.56326
922.0	0.001085	676.28308	258.88916
957.0	0.001045	675.98315	254.33881
854.0	0.001171	675.68323	249.90785
905.0	0.001105	675.38330	245.59219
892.0	0.001121	675.08337	241.38785
882.0	0.001134	674.78345	237.29102
843.0	0.001186	674.48358	233.29803
880.0	0.001136	674.18372	229.40546
852.0	0.001174	673.88379	225.60992
859.0	0.001164	673.58386	221.90826
868.0	0.001152	673.28394	218.29738
883.0	0.001133	672.98401	214.77435
883.0	0.001133	672.68408	211.33630
889.0	0.001125	672.38416	207.98056
850.0	0.001176	672.08429	204.70453
831.0	0.001203	671.78436	201.50566
892.0	0.001121	671.48444	198.38161
844.0	0.001185	671.18457	195.33002
862.0	0.001160	670.88464	192.34865
834.0	0.001199	670.58472	189.43536
855.0	0.001170	670.28479	186.58815
886.0	0.001129	669.98486	183.80501
802.0	0.001247	669.68494	181.08403
859.0	0.001164	669.38507	178.42331
814.0	0.001229	669.08514	175.82118
913.0	0.001095	668.78522	173.27589
849.0	0.001178	668.48535	170.78578
828.0	0.001208	668.18542	168.34930
929.0	0.001076	667.88550	165.96490
819.0	0.001221	667.58557	163.63112
844.0	0.001185	667.28564	1.00000
796.0	0.001256	666.98578	1.00000
827.0	0.001209	666.68585	1.00000
819.0	0.001221	666.38593	1.00000
748.0	0.001337	666.08600	1.00000
775.0	0.001290	665.78613	1.00000
849.0	0.001178	665.48621	1.00000
774.0	0.001292	665.18628	1.00000
777.0	0.001287	664.88635	1.00000
833.0	0.001200	664.58649	1.00000
810.0	0.001235	664.28656	1.00000
746.0	0.001340	663.98663	1.00000
762.0	0.001312	663.68671	1.00000
767.0	0.001304	663.38678	1.00000
779.0	0.001284	663.08685	1.00000
714.0	0.001401	662.78699	1.00000

778.0	0.001285	662.48706	1.00000
779.0	0.001284	662.18713	1.00000
761.0	0.001314	661.88727	1.00000
860.0	0.001163	661.58734	1.00000
697.0	0.001435	661.28741	1.00000
725.0	0.001379	660.98749	1.00000
786.0	0.001272	660.68756	1.00000
774.0	0.001292	660.38763	1.00000
809.0	0.001236	660.08777	1.00000
799.0	0.001252	659.78784	1.00000
759.0	0.001318	659.48798	1.00000
776.0	0.001289	659.18805	1.00000
766.0	0.001305	658.88812	1.00000
745.0	0.001342	658.58820	1.00000
782.0	0.001279	658.28827	1.00000
771.0	0.001297	657.98834	1.00000
733.0	0.001364	657.68842	1.00000
772.0	0.001295	657.38855	1.00000
726.0	0.001377	657.08868	1.00000
748.0	0.001337	656.78876	1.00000
728.0	0.001374	656.48883	1.00000
710.0	0.001408	656.18890	1.00000
726.0	0.001377	655.88898	1.00000
695.0	0.001439	655.58905	1.00000
737.0	0.001357	655.28912	1.00000
755.0	0.001325	654.98920	1.00000
744.0	0.001344	654.68933	1.00000
734.0	0.001362	654.38947	1.00000
723.0	0.001383	654.08954	1.00000
696.0	0.001437	653.78961	1.00000
747.0	0.001339	653.48969	1.00000
705.0	0.001418	653.18976	1.00000
828.0	0.001208	652.88983	1.00000
756.0	0.001323	652.58990	1.00000
759.0	0.001318	652.28998	1.00000
758.0	0.001319	651.99011	1.00000
698.0	0.001433	651.69025	1.00000
711.0	0.001406	651.39032	1.00000
693.0	0.001443	651.09039	1.00000
757.0	0.001321	650.79047	1.00000
718.0	0.001393	650.49054	1.00000
750.0	0.001333	650.19061	1.00000
743.0	0.001346	649.89069	1.00000
670.0	0.001493	649.59082	1.00000
721.0	0.001387	649.29089	1.00000
761.0	0.001314	648.99097	1.00000
780.0	0.001282	648.69110	1.00000
682.0	0.001466	648.39117	1.00000
751.0	0.001332	648.09125	1.00000
677.0	0.001477	647.79132	1.00000
734.0	0.001362	647.49139	1.00000
645.0	0.001550	647.19147	1.00000
697.0	0.001435	646.89160	1.00000
697.0	0.001435	646.59167	1.00000

662.0	0.001511	646.29175	1.00000
696.0	0.001437	645.99188	1.00000
665.0	0.001504	645.69196	1.00000
690.0	0.001449	645.39203	1.00000
686.0	0.001458	645.09210	1.00000
734.0	0.001362	644.79218	1.00000
686.0	0.001458	644.49231	1.00000
669.0	0.001495	644.19238	1.00000
730.0	0.001370	643.89246	1.00000
659.0	0.001517	643.59253	1.00000
713.0	0.001403	643.29266	1.00000
660.0	0.001515	642.99274	1.00000
675.0	0.001481	642.69281	1.00000
679.0	0.001473	642.39288	1.00000
685.0	0.001460	642.09302	1.00000
666.0	0.001502	641.79309	1.00000
707.0	0.001414	641.49316	1.00000
656.0	0.001524	641.19324	1.00000
678.0	0.001475	640.89331	1.00000
712.0	0.001404	640.59344	1.00000
716.0	0.001397	640.29352	1.00000
691.0	0.001447	639.99359	1.00000
655.0	0.001527	639.69366	1.00000
726.0	0.001377	639.39380	1.00000
713.0	0.001403	639.09387	1.00000
710.0	0.001408	638.79395	1.00000
683.0	0.001464	638.49402	1.00000
682.0	0.001466	638.19409	1.00000
719.0	0.001391	637.89417	1.00000
648.0	0.001543	637.59430	1.00000
700.0	0.001429	637.29437	1.00000
710.0	0.001408	636.99451	1.00000
650.0	0.001538	636.69458	1.00000
647.0	0.001546	636.39465	1.00000
715.0	0.001399	636.09473	1.00000
672.0	0.001488	635.79480	1.00000
656.0	0.001524	635.49487	1.00000
648.0	0.001543	635.19495	1.00000
696.0	0.001437	634.89508	1.00000
691.0	0.001447	634.59521	1.00000
676.0	0.001479	634.29529	1.00000
690.0	0.001449	633.99536	1.00000
714.0	0.001401	633.69543	1.00000
666.0	0.001502	633.39551	1.00000
624.0	0.001603	633.09558	1.00000
649.0	0.001541	632.79565	1.00000
676.0	0.001479	632.49573	1.00000
653.0	0.001531	632.19586	1.00000
679.0	0.001473	631.89600	1.00000
675.0	0.001481	631.59607	1.00000
672.0	0.001488	631.29614	1.00000
614.0	0.001629	630.99622	1.00000
641.0	0.001560	630.69629	1.00000
643.0	0.001555	630.39636	1.00000

626.0	0.001597	630.09644	1.00000
732.0	0.001366	629.79651	1.00000
645.0	0.001550	629.49664	1.00000
677.0	0.001477	629.19678	1.00000
703.0	0.001422	628.89685	1.00000
665.0	0.001504	628.59692	1.00000
678.0	0.001475	628.29700	1.00000
660.0	0.001515	627.99707	1.00000
630.0	0.001587	627.69714	1.00000
670.0	0.001493	627.39722	1.00000
669.0	0.001495	627.09735	1.00000
678.0	0.001475	626.79742	1.00000
675.0	0.001481	626.49756	1.00000
705.0	0.001418	626.19763	1.00000
650.0	0.001538	625.89771	1.00000
628.0	0.001592	625.59778	1.00000
676.0	0.001479	625.29785	1.00000
673.0	0.001486	624.99792	1.00000
689.0	0.001451	624.69800	1.00000
669.0	0.001495	624.39813	1.00000
655.0	0.001527	624.09821	1.00000
634.0	0.001577	623.79828	1.00000
662.0	0.001511	623.49841	1.00000
632.0	0.001582	623.19849	1.00000
715.0	0.001399	622.89856	1.00000
702.0	0.001425	622.59863	1.00000
667.0	0.001499	622.29871	1.00000
660.0	0.001515	621.99884	1.00000
696.0	0.001437	621.69891	1.00000
683.0	0.001464	621.39899	1.00000
665.0	0.001504	621.09906	1.00000
631.0	0.001585	620.79919	1.00000
647.0	0.001546	620.49927	1.00000
678.0	0.001475	620.19934	1.00000
664.0	0.001506	619.89941	1.00000
662.0	0.001511	619.59955	1.00000
642.0	0.001558	619.29962	1.00000
704.0	0.001420	618.99969	1.00000
644.0	0.001553	618.69977	1.00000
658.0	0.001520	618.39984	1.00000
675.0	0.001481	618.09998	1.00000
642.0	0.001558	617.89911	1.00000
627.0	0.001595	617.84680	1.00000
627.0	0.001595	617.79456	1.00000
643.0	0.001555	617.74231	1.00000
643.0	0.001555	617.69006	1.00000
678.0	0.001475	617.63782	1.00000
660.0	0.001515	617.58557	1.00000
645.0	0.001550	617.53333	1.00000
661.0	0.001513	617.48108	1.00000
617.0	0.001621	617.42883	1.00000
630.0	0.001587	617.37659	1.00000
622.0	0.001608	617.32434	1.00000
672.0	0.001488	617.27209	1.00000

650.0	0.001538	617.21985	1.00000
628.0	0.001592	617.16754	1.00000
684.0	0.001462	617.11530	1.00000
599.0	0.001669	617.06305	1.00000
662.0	0.001511	617.01080	1.00000
682.0	0.001466	616.95856	1.00000
622.0	0.001608	616.90631	1.00000
663.0	0.001508	616.85406	1.00000
624.0	0.001603	616.80182	1.00000
704.0	0.001420	616.74957	1.00000
708.0	0.001412	616.69733	1.00000
694.0	0.001441	616.64508	1.00000
680.0	0.001471	616.59277	1.00000
679.0	0.001473	616.54053	1.00000
672.0	0.001488	616.48828	1.00000
641.0	0.001560	616.43604	1.00000
676.0	0.001479	616.38379	1.00000
609.0	0.001642	616.33154	1.00000
661.0	0.001513	616.27930	1.00000
661.0	0.001513	616.22705	1.00000
634.0	0.001577	616.17480	1.00000
644.0	0.001553	616.12256	1.00000
670.0	0.001493	616.07025	1.00000
670.0	0.001493	616.01807	1.00000
681.0	0.001468	615.96576	1.00000
667.0	0.001499	615.91351	1.00000
662.0	0.001511	615.86127	1.00000
635.0	0.001575	615.80902	1.00000
627.0	0.001595	615.75677	22.35308
605.0	0.001653	615.70453	22.66371
581.0	0.001721	615.65228	22.98118
610.0	0.001639	615.60004	23.30568
621.0	0.001610	615.54779	23.63741
678.0	0.001475	615.49554	23.97660
653.0	0.001531	615.44330	24.32348
635.0	0.001575	615.39099	24.67827
609.0	0.001642	615.33875	25.04122
689.0	0.001451	615.28650	25.41259
666.0	0.001502	615.23425	25.79262
690.0	0.001449	615.18201	26.18160
624.0	0.001603	615.12976	26.57981
648.0	0.001543	615.07751	26.98754
739.0	0.001353	615.02527	27.40510
677.0	0.001477	614.97302	27.83281
634.0	0.001577	614.92078	28.27099
667.0	0.001499	614.86853	28.72000
682.0	0.001466	614.81622	29.18019
645.0	0.001550	614.76398	29.65195
670.0	0.001493	614.71173	30.13564
636.0	0.001572	614.65948	30.63170
605.0	0.001653	614.60724	31.14053
623.0	0.001605	614.55499	31.66259
655.0	0.001527	614.50275	32.19833
637.0	0.001570	614.45050	32.74824



610.0	0.001639	614.39825	33.31282
641.0	0.001560	614.34601	33.89260
646.0	0.001548	614.29376	34.48813
622.0	0.001608	614.24152	35.09998
620.0	0.001613	614.18921	35.72876
636.0	0.001572	614.13696	36.37510
660.0	0.001515	614.08472	37.03966
619.0	0.001616	614.03247	37.72312
684.0	0.001462	613.98022	38.42622
679.0	0.001473	613.92798	39.14971
676.0	0.001479	613.87573	39.89439
687.0	0.001456	613.82349	40.66109
630.0	0.001587	613.77124	41.45070
687.0	0.001456	613.71899	42.26413
669.0	0.001495	613.66675	43.10235
642.0	0.001558	613.61444	43.96638
675.0	0.001481	613.56219	44.85730
623.0	0.001605	613.50995	45.77623
654.0	0.001529	613.45770	46.72435
636.0	0.001572	613.40546	47.70291
658.0	0.001520	613.35321	48.71325
653.0	0.001531	613.30096	49.75673
669.0	0.001495	613.24872	50.83484
664.0	0.001506	613.19647	51.94912
675.0	0.001481	613.14423	53.10120
655.0	0.001527	613.09198	54.29283
653.0	0.001531	613.03967	55.52583
669.0	0.001495	612.98743	56.80213
671.0	0.001490	612.93518	58.12380
616.0	0.001623	612.88293	59.49301
634.0	0.001577	612.83069	60.91206
632.0	0.001582	612.77844	62.38341
668.0	0.001497	612.72620	63.90966
728.0	0.001374	612.67395	65.49357
654.0	0.001529	612.62170	67.13810
718.0	0.001393	612.56946	68.84637
652.0	0.001534	612.51721	70.62172
686.0	0.001458	612.46497	72.46772
675.0	0.001481	612.41266	74.38817
680.0	0.001471	612.36041	76.38711
654.0	0.001529	612.30817	78.46891
618.0	0.001618	612.25592	80.63820
650.0	0.001538	612.20367	82.89995
644.0	0.001553	612.15143	85.25951
674.0	0.001484	612.09918	87.72258
656.0	0.001524	612.04694	90.29534
724.0	0.001381	611.99469	92.98438
646.0	0.001548	611.94244	95.79684
719.0	0.001391	611.89020	98.74039
659.0	0.001517	611.83789	101.82331
669.0	0.001495	611.78564	105.05453
760.0	0.001316	611.73340	108.44376
655.0	0.001527	611.68115	112.00146
691.0	0.001447	611.62891	115.73898

691.0	0.001447	611.57666	119.66869
676.0	0.001479	611.52441	123.80399
671.0	0.001490	611.47217	128.15950
676.0	0.001479	611.41992	132.75114
656.0	0.001524	611.36768	137.59634
644.0	0.001553	611.31543	142.71411
710.0	0.001408	611.26312	148.12532
691.0	0.001447	611.21088	153.85291
770.0	0.001299	611.15863	159.92200
640.0	0.001563	611.10638	166.36034
705.0	0.001418	611.05414	173.19856
755.0	0.001325	611.00189	180.47057
707.0	0.001414	610.94965	188.21384
743.0	0.001346	610.89740	196.47008
748.0	0.001337	610.84515	205.28572
762.0	0.001312	610.79291	214.71251
744.0	0.001344	610.74066	224.80841
726.0	0.001377	610.68842	235.63841
786.0	0.001272	610.63611	247.27559
723.0	0.001383	610.58386	259.80237
681.0	0.001468	610.53162	273.31201
705.0	0.001418	610.47937	287.91031
700.0	0.001429	610.42712	303.71771
777.0	0.001287	610.37488	320.87201
687.0	0.001456	610.32263	339.53101
716.0	0.001397	610.27039	359.87653
729.0	0.001372	610.21814	382.11865
824.0	0.001214	610.16589	406.50153
767.0	0.001304	610.11365	433.30981
832.0	0.001202	610.06134	462.87729
813.0	0.001230	610.00909	495.59735
863.0	0.001159	609.95685	531.93640
836.0	0.001196	609.90460	572.45050
869.0	0.001151	609.85236	617.80713
1001.0	0.000999	609.80011	668.81299
951.0	0.001052	609.74786	726.45044
1040.0	0.000962	609.69562	791.92548
1077.0	0.000929	609.64337	866.73187
1141.0	0.000876	609.59113	952.73810
1165.0	0.000858	609.53888	1052.30872
1296.0	0.000772	609.48663	1168.47742
1362.0	0.000734	609.43433	1305.20532
1561.0	0.000641	609.38208	1467.77490
1677.0	0.000596	609.32983	1663.40198
2022.0	0.000495	609.27759	1902.16907
2198.0	0.000455	609.22534	2198.37280
2578.0	0.000388	609.17310	2572.31494
2943.0	0.0003398	609.12085	3052.41821
3431.0	0.0002915	609.06860	3677.32202
4187.0	0.0002388	609.01636	4497.20410
4877.0	0.0002050	608.96411	5572.20020
5939.0	0.0001684	608.91187	6961.37891
7072.0	0.0001414	608.85956	8685.85547
8811.0	0.0001135	608.80731	10646.43066

10618.0	0.0000942	608.75507	12544.96191
12764.0	0.0000783	608.70282	14029.81348
15545.0	0.0000643	608.65057	15115.30957
18479.0	0.0000541	608.59833	16261.74023
21288.0	0.0000470	608.54608	17885.97656
23562.0	0.0000424	608.49384	19894.25195
24022.0	0.0000416	608.44159	21492.18164
22000.0	0.0000455	608.38934	21533.49219
18811.0	0.0000532	608.33710	19592.85156
15451.0	0.0000647	608.28479	16441.57813
12528.0	0.0000798	608.23254	13146.95801
9876.0	0.0001013	608.18030	10304.04590
7910.0	0.0001264	608.12805	8059.10449
6419.0	0.0001558	608.07581	6355.56592
5170.0	0.0001934	608.02356	5083.03418
4097.0	0.0002441	607.97131	4134.13916
3476.0	0.0002877	607.91907	3420.84204
2948.0	0.0003392	607.86682	2876.51025
2486.0	0.000402	607.81458	2453.20264
2115.0	0.000473	607.76233	2117.51636
1919.0	0.000521	607.71008	1846.49036
1742.0	0.000574	607.65778	1624.26709
1600.0	0.000625	607.60553	1439.68481
1473.0	0.000679	607.55328	1284.68005
1356.0	0.000737	607.50104	1153.27515
1221.0	0.000819	607.44879	1040.93982
1204.0	0.000831	607.39655	944.17938
1085.0	0.000922	607.34430	860.26080
1082.0	0.000924	607.29205	787.02112
1027.0	0.000974	607.23981	722.73169
1007.0	0.000993	607.18756	665.99762
935.0	0.001070	607.13531	615.68420
955.0	0.001047	607.08301	570.86115
865.0	0.001156	607.03076	530.76007
896.0	0.001116	606.97852	494.74170
809.0	0.001236	606.92627	462.27136
857.0	0.001167	606.87402	432.89874
874.0	0.001144	606.82178	406.24261
854.0	0.001171	606.76953	381.97855
837.0	0.001195	606.71729	359.82901
781.0	0.001280	606.66504	339.55542
751.0	0.001332	606.61279	320.95212
748.0	0.001337	606.56055	303.84061
748.0	0.001337	606.50824	288.06567
763.0	0.001311	606.45599	273.49173
763.0	0.001311	606.40375	259.99994
774.0	0.001292	606.35150	247.48586
745.0	0.001342	606.29926	235.85727
768.0	0.001302	606.24701	225.03256
740.0	0.001351	606.19476	214.93938
730.0	0.001370	606.14252	205.51323
685.0	0.001460	606.09027	196.69664
720.0	0.001389	606.03802	188.43817
710.0	0.001408	605.98578	180.69168

685.0	0.001460	605.93353	173.41576
733.0	0.001364	605.88123	166.57301
713.0	0.001403	605.82898	160.12975
774.0	0.001292	605.77673	154.05544
687.0	0.001456	605.72449	148.32246
640.0	0.001563	605.67224	142.90570
667.0	0.001499	605.62000	137.78236
637.0	0.001570	605.56775	132.93159
637.0	0.001570	605.51550	128.33440
698.0	0.001433	605.46326	123.97342
667.0	0.001499	605.41101	119.83272
681.0	0.001468	605.35876	115.89773
711.0	0.001406	605.30646	112.15506
698.0	0.001433	605.25421	108.59233
711.0	0.001406	605.20197	105.19823
725.0	0.001379	605.14972	101.96227
698.0	0.001433	605.09747	98.87477
744.0	0.001344	605.04523	95.92678
633.0	0.001580	604.99298	93.11004
609.0	0.001642	604.94073	90.41685
640.0	0.001563	604.88849	87.84010
606.0	0.001650	604.83624	85.37315
649.0	0.001541	604.78400	83.00989
630.0	0.001587	604.73169	80.74456
641.0	0.001560	604.67944	78.57182
703.0	0.001422	604.62720	76.48670
680.0	0.001471	604.57495	74.48457
696.0	0.001437	604.52271	72.56104
680.0	0.001471	604.47046	70.71208
672.0	0.001488	604.41821	68.93388
678.0	0.001475	604.36597	67.22286
697.0	0.001435	604.31372	65.57570
648.0	0.001543	604.26147	63.98924
689.0	0.001451	604.20923	62.46055
701.0	0.001427	604.15698	60.98685
632.0	0.001582	604.10468	59.56553
605.0	0.001653	604.05243	58.19414
633.0	0.001580	604.00018	56.87037
670.0	0.001493	603.94794	55.59204
602.0	0.001661	603.89569	54.35709
614.0	0.001629	603.84344	53.16359
625.0	0.001600	603.79120	52.00969
662.0	0.001511	603.73895	50.89367
712.0	0.001404	603.68671	49.81388
674.0	0.001484	603.63446	48.76877
653.0	0.001531	603.58221	47.75687
630.0	0.001587	603.52991	46.77680
636.0	0.001572	603.47766	45.82722
653.0	0.001531	603.42542	44.90690
620.0	0.001613	603.37317	44.01463
586.0	0.001706	603.32092	43.14928
618.0	0.001618	603.26868	42.30980
718.0	0.001393	603.21643	41.49515
633.0	0.001580	603.16418	40.70436

633.0	0.001580	603.11194	39.93652
672.0	0.001488	603.05969	39.19074
647.0	0.001546	603.00745	38.46619
652.0	0.001534	602.95520	37.76206
630.0	0.001587	602.90289	37.07760
606.0	0.001650	602.85065	36.41209
672.0	0.001488	602.79840	35.76482
633.0	0.001580	602.74615	35.13514
632.0	0.001582	602.69391	34.52241
668.0	0.001497	602.64166	33.92604
629.0	0.001590	602.58942	33.34544
705.0	0.001418	602.53717	32.78007
668.0	0.001497	602.48492	32.22940
704.0	0.001420	602.43268	31.69291
704.0	0.001420	602.38043	31.17014
621.0	0.001610	602.32813	30.66060
656.0	0.001524	602.27588	30.16387
617.0	0.001621	602.22363	29.67952
659.0	0.001517	602.17139	29.20713
651.0	0.001536	602.11914	28.74632
681.0	0.001468	602.06689	28.29671
644.0	0.001553	602.01465	27.85795
654.0	0.001529	601.96240	27.42968
618.0	0.001618	601.91016	27.01157
677.0	0.001477	601.85791	26.60331
638.0	0.001567	601.80566	26.20458
671.0	0.001490	601.75336	25.81510
695.0	0.001439	601.70111	25.43458
647.0	0.001546	601.64886	25.06274
634.0	0.001577	601.59662	24.69933
646.0	0.001548	601.54437	24.34409
602.0	0.001661	601.49213	23.99678
645.0	0.001550	601.43988	23.65716
616.0	0.001623	601.38763	23.32501
667.0	0.001499	601.33539	23.00012
661.0	0.001513	601.28314	22.68226
642.0	0.001558	601.23090	22.37124
632.0	0.001582	601.17865	22.06687
557.0	0.001795	601.12634	21.76896
617.0	0.001621	601.07410	1.00000
711.0	0.001406	601.02185	1.00000
664.0	0.001506	600.96960	1.00000
651.0	0.001536	600.91736	1.00000
655.0	0.001527	600.86511	1.00000
585.0	0.001709	600.81287	1.00000
677.0	0.001477	600.76062	1.00000
616.0	0.001623	600.70837	1.00000
670.0	0.001493	600.65613	1.00000
594.0	0.001684	600.60388	1.00000
624.0	0.001603	600.55157	1.00000
704.0	0.001420	600.49933	1.00000
639.0	0.001565	600.44708	1.00000
678.0	0.001475	600.39484	1.00000
624.0	0.001603	600.34259	1.00000

637.0	0.001570	600.29034	1.00000
643.0	0.001555	600.23810	1.00000
618.0	0.001618	600.18585	1.00000
610.0	0.001639	600.13361	1.00000
621.0	0.001610	600.08136	1.00000
648.0	0.001543	600.02911	1.00000
580.0	0.001724	599.97681	1.00000
664.0	0.001506	599.92456	1.00000
671.0	0.001490	599.87231	1.00000
671.0	0.001490	599.82007	1.00000
678.0	0.001475	599.76782	1.00000
628.0	0.001592	599.71558	1.00000
652.0	0.001534	599.66333	1.00000
639.0	0.001565	599.61108	1.00000
617.0	0.001621	599.55884	1.00000
650.0	0.001538	599.50659	1.00000
637.0	0.001570	599.45435	1.00000
599.0	0.001669	599.40210	1.00000
720.0	0.001389	599.34979	1.00000
642.0	0.001558	599.29755	1.00000
650.0	0.001538	599.24530	1.00000
642.0	0.001558	599.19305	1.00000
689.0	0.001451	599.14081	1.00000
610.0	0.001639	599.08856	1.00000
646.0	0.001548	599.03632	1.00000
659.0	0.001517	598.98407	1.00000
668.0	0.001497	598.93182	1.00000
666.0	0.001502	598.87958	1.00000
630.0	0.001587	598.82733	1.00000
672.0	0.001488	598.77502	1.00000
644.0	0.001553	598.72278	1.00000
656.0	0.001524	598.67053	1.00000
647.0	0.001546	598.61829	1.00000
640.0	0.001563	598.56604	1.00000
629.0	0.001590	598.51379	1.00000
633.0	0.001580	598.46155	1.00000
669.0	0.001495	598.40930	1.00000
643.0	0.001555	598.35706	1.00000
650.0	0.001538	598.30481	1.00000
668.0	0.001497	598.25256	1.00000
676.0	0.001479	598.20026	1.00000
641.0	0.001560	598.14801	1.00000
667.0	0.001499	598.09576	1.00000
611.0	0.001637	598.04352	1.00000
638.0	0.001567	597.99127	1.00000
633.0	0.001580	597.93903	1.00000
612.0	0.001634	597.88678	1.00000
612.0	0.001634	597.83453	1.00000
680.0	0.001471	597.78229	1.00000
648.0	0.001543	597.73004	1.00000
621.0	0.001610	597.67780	1.00000
612.0	0.001634	597.62549	1.00000
598.0	0.001672	597.57324	1.00000
623.0	0.001605	597.52106	1.00000

636.0	0.001572	597.46875	1.00000
668.0	0.001497	597.41650	1.00000
655.0	0.001527	597.36426	1.00000
679.0	0.001473	597.31201	1.00000
652.0	0.001534	597.25977	1.00000
682.0	0.001466	597.20752	1.00000
612.0	0.001634	597.15527	1.00000
642.0	0.001558	597.10303	1.00000
637.0	0.001570	597.05078	1.00000
671.0	0.001490	596.99847	1.00000
681.0	0.001468	596.94629	1.00000
672.0	0.001488	596.89398	1.00000
700.0	0.001429	596.84174	1.00000
603.0	0.001658	596.78949	1.00000
643.0	0.001555	596.73724	1.00000
655.0	0.001527	596.68500	1.00000
710.0	0.001408	596.63275	1.00000
641.0	0.001560	596.58051	1.00000
693.0	0.001443	596.52826	1.00000
612.0	0.001634	596.47601	1.00000
653.0	0.001531	596.42371	1.00000
648.0	0.001543	596.37146	1.00000
619.0	0.001616	596.31921	1.00000
644.0	0.001553	596.26697	1.00000
616.0	0.001623	596.21472	1.00000
649.0	0.001541	596.16248	1.00000
624.0	0.001603	596.11023	1.00000
641.0	0.001560	596.05798	1.00000
642.0	0.001558	596.00574	1.00000
599.0	0.001669	595.95349	1.00000
675.0	0.001481	595.90125	1.00000
640.0	0.001563	595.84894	1.00000
624.0	0.001603	595.79669	1.00000
663.0	0.001508	595.74451	1.00000
668.0	0.001497	595.69220	1.00000
684.0	0.001462	595.63995	1.00000
718.0	0.001393	595.58771	1.00000
657.0	0.001522	595.53546	1.00000
661.0	0.001513	595.48322	1.00000
630.0	0.001587	595.43097	1.00000
652.0	0.001534	595.37872	1.00000
620.0	0.001613	595.32648	1.00000
598.0	0.001672	595.27423	1.00000
689.0	0.001451	595.22192	1.00000
615.0	0.001626	595.16974	1.00000
674.0	0.001484	595.11743	1.00000
656.0	0.001524	595.06519	1.00000
706.0	0.001416	595.01294	1.00000
672.0	0.001488	594.96069	1.00000
608.0	0.001645	594.90845	1.00000
674.0	0.001484	594.85620	1.00000
723.0	0.001383	594.80396	1.00000
690.0	0.001449	594.75171	1.00000
666.0	0.001502	594.69946	1.00000

671.0	0.001490	594.64716	1.00000
610.0	0.001639	594.59491	1.00000
678.0	0.001475	594.54266	1.00000
663.0	0.001508	594.49042	1.00000
644.0	0.001553	594.43817	1.00000
652.0	0.001534	594.38593	1.00000
635.0	0.001575	594.33368	1.00000
689.0	0.001451	594.28143	1.00000
639.0	0.001565	594.22919	1.00000
673.0	0.001486	594.17694	1.00000
624.0	0.001603	594.12469	1.00000
667.0	0.001499	594.07239	1.00000
630.0	0.001587	594.02014	1.00000
588.0	0.001701	593.96796	1.00000
639.0	0.001565	593.91565	1.00000
663.0	0.001508	593.86340	1.00000
665.0	0.001504	593.81116	1.00000
669.0	0.001495	593.75891	1.00000
622.0	0.001608	593.70667	1.00000
582.0	0.001718	593.65442	1.00000
653.0	0.001531	593.60217	1.00000
651.0	0.001536	593.54993	1.00000
675.0	0.001481	593.49768	1.00000
702.0	0.001425	593.44537	1.00000
691.0	0.001447	593.39319	1.00000
624.0	0.001603	593.34088	1.00000
700.0	0.001429	593.61493	1.00000
632.0	0.001582	594.10657	1.00000
600.0	0.001667	594.59802	1.00000
671.0	0.001490	595.08942	1.00000
691.0	0.001447	595.58105	1.00000
617.0	0.001621	596.07251	1.00000
667.0	0.001499	596.56409	1.00000
635.0	0.001575	597.05554	1.00000
691.0	0.001447	597.54718	1.00000
652.0	0.001534	598.03857	1.00000
647.0	0.001546	598.53021	1.00000
634.0	0.001577	599.02167	1.00000
669.0	0.001495	599.51312	1.00000
663.0	0.001508	600.00470	1.00000
674.0	0.001484	600.49615	1.00000
645.0	0.001550	600.98779	1.00000
610.0	0.001639	601.47919	1.00000
630.0	0.001587	601.97083	1.00000
656.0	0.001524	602.46228	1.00000
643.0	0.001555	602.95367	1.00000
695.0	0.001439	603.44531	1.00000
671.0	0.001490	603.93677	1.00000
686.0	0.001458	604.42841	1.00000
644.0	0.001553	604.91980	1.00000
562.0	0.001779	605.41144	1.00000
618.0	0.001618	605.90289	1.00000
668.0	0.001497	606.39447	1.00000
708.0	0.001412	606.88593	1.00000



645.0	0.001550	607.37738	1.00000
658.0	0.001520	607.86896	1.00000
678.0	0.001475	608.36041	1.00000
687.0	0.001456	608.85205	1.00000
617.0	0.001621	609.34344	1.00000
654.0	0.001529	609.83508	1.00000
644.0	0.001553	610.32654	1.00000
685.0	0.001460	610.81818	1.00000
673.0	0.001486	611.30957	1.00000
698.0	0.001433	611.80103	1.00000
667.0	0.001499	612.29266	1.00000
703.0	0.001422	612.78406	1.00000
640.0	0.001563	613.27570	1.00000
660.0	0.001515	613.76715	1.00000
654.0	0.001529	614.25873	1.00000
700.0	0.001429	614.75018	1.00000
656.0	0.001524	615.24164	1.00000
617.0	0.001621	615.73328	1.00000
651.0	0.001536	616.22467	1.00000
644.0	0.001553	616.71631	1.00000
640.0	0.001563	617.20776	1.00000
613.0	0.001631	617.69934	1.00000
656.0	0.001524	618.19080	1.00000
602.0	0.001661	618.68243	1.00000
698.0	0.001433	619.17383	1.00000
669.0	0.001495	619.66528	1.00000
667.0	0.001499	620.15692	1.00000
623.0	0.001605	620.64832	1.00000
659.0	0.001517	621.13995	1.00000
700.0	0.001429	621.63141	1.00000
665.0	0.001504	622.12305	1.00000
709.0	0.001410	622.61444	1.00000
663.0	0.001508	623.10608	1.00000
718.0	0.001393	623.59753	1.00000
676.0	0.001479	624.08893	1.00000
646.0	0.001548	624.58057	1.00000
638.0	0.001567	625.07202	1.00000
685.0	0.001460	625.56360	1.00000
700.0	0.001429	626.05505	1.00000
697.0	0.001435	626.54669	1.00000
685.0	0.001460	627.03815	1.00000
678.0	0.001475	627.52954	1.00000
702.0	0.001425	628.02118	1.00000
757.0	0.001321	628.51263	1.00000
613.0	0.001631	629.00421	1.00000
708.0	0.001412	629.49567	1.00000
736.0	0.001359	629.98730	1.00000
649.0	0.001541	630.47870	2.83563
676.0	0.001479	630.97034	2.85627
661.0	0.001513	631.46179	2.87726
669.0	0.001495	631.95319	2.89861
611.0	0.001637	632.44482	2.92032
661.0	0.001513	632.93628	2.94240
644.0	0.001553	633.42792	2.96487

647.0	0.001546	633.91931	2.98774
632.0	0.001582	634.41095	3.01100
741.0	0.001350	634.90240	3.03467
718.0	0.001393	635.39398	3.05877
675.0	0.001481	635.88544	3.08329
643.0	0.001555	636.37689	3.10826
653.0	0.001531	636.86847	3.13367
609.0	0.001642	637.35992	3.15955
651.0	0.001536	637.85156	3.18591
645.0	0.001550	638.34296	3.21274
611.0	0.001637	638.83459	3.24008
733.0	0.001364	639.32605	3.26793
657.0	0.001522	639.81750	3.29629
646.0	0.001548	640.30908	3.32520
606.0	0.001650	640.80054	3.35465
657.0	0.001522	641.29218	3.38467
646.0	0.001548	641.78357	3.41526
654.0	0.001529	642.27521	3.44645
654.0	0.001529	642.76666	3.47824
635.0	0.001575	643.25824	3.51066
644.0	0.001553	643.74969	3.54372
693.0	0.001443	644.24115	3.57743
731.0	0.001368	644.73279	3.61182
710.0	0.001408	645.22418	3.64690
698.0	0.001433	645.71582	3.68270
660.0	0.001515	646.20728	3.71922
666.0	0.001502	646.69885	3.75650
648.0	0.001543	647.19031	3.79455
673.0	0.001486	647.68195	3.83339
708.0	0.001412	648.17334	3.87305
659.0	0.001517	648.66479	3.91354
656.0	0.001524	649.15643	3.95490
669.0	0.001495	649.64783	3.99714
667.0	0.001499	650.13947	5.38012
678.0	0.001475	650.63092	5.43926
660.0	0.001515	651.12256	5.49962
685.0	0.001460	651.61395	5.56123
743.0	0.001346	652.10541	5.62413
724.0	0.001381	652.59705	5.68836
712.0	0.001404	653.08844	5.75395
739.0	0.001353	653.58008	5.82095
678.0	0.001475	654.07153	5.88940
712.0	0.001404	654.56311	5.95933
710.0	0.001408	655.05457	6.03080
644.0	0.001553	655.54620	6.10384
644.0	0.001553	656.03766	6.17851
647.0	0.001546	656.52905	6.25485
676.0	0.001479	657.02069	6.33292
673.0	0.001486	657.51215	6.41277
670.0	0.001493	658.00372	6.49445
719.0	0.001391	658.49518	6.57801
651.0	0.001536	658.98682	6.66353
739.0	0.001353	659.47821	6.75107
699.0	0.001431	659.96985	6.84068

710.0	0.001408	660.46130	6.93243
714.0	0.001401	660.95270	7.02639
654.0	0.001529	661.44434	7.12265
698.0	0.001433	661.93579	7.22126
634.0	0.001577	662.42743	7.32231
700.0	0.001429	662.91882	7.42589
747.0	0.001339	663.41046	7.53208
696.0	0.001437	663.90192	7.64097
618.0	0.001618	664.39331	7.75265
693.0	0.001443	664.88495	7.86721
701.0	0.001427	665.37640	7.98478
694.0	0.001441	665.86798	8.10544
687.0	0.001456	666.35944	8.22931
646.0	0.001548	666.85107	8.35650
717.0	0.001395	667.34253	8.48715
733.0	0.001364	667.83411	8.62137
701.0	0.001427	668.32556	8.75931
741.0	0.001350	668.81702	8.90109
706.0	0.001416	669.30859	9.04687
668.0	0.001497	669.80005	9.19681
725.0	0.001379	670.29169	9.35106
765.0	0.001307	670.78308	9.50979
697.0	0.001435	671.27472	9.67318
660.0	0.001515	671.76617	9.84142
690.0	0.001449	672.25781	10.01471
749.0	0.001335	672.74921	10.19325
742.0	0.001348	673.24066	10.37726
685.0	0.001460	673.73230	10.56698
727.0	0.001376	674.22369	10.76263
691.0	0.001447	674.71533	10.96449
750.0	0.001333	675.20679	11.17281
659.0	0.001517	675.69836	11.38789
798.0	0.001253	676.18982	11.61001
708.0	0.001412	676.68127	11.83951
711.0	0.001406	677.17285	12.07671
674.0	0.001484	677.66431	12.32198
681.0	0.001468	678.15594	12.57568
729.0	0.001372	678.64734	12.83821
760.0	0.001316	679.13898	13.11001
789.0	0.001267	679.63043	13.39151
783.0	0.001277	680.12207	13.68320
733.0	0.001364	680.61346	13.98558
703.0	0.001422	681.10492	14.29919
700.0	0.001429	681.59656	14.62461
707.0	0.001414	682.08795	14.96244
741.0	0.001350	682.57959	15.31335
801.0	0.001248	683.07104	15.67802
761.0	0.001314	683.56262	16.05720
741.0	0.001350	684.05408	16.45169
798.0	0.001253	684.54572	16.86234
699.0	0.001431	685.03717	17.29007
740.0	0.001351	685.52856	17.73586
827.0	0.001209	686.02020	18.20074
795.0	0.001258	686.51166	18.68587

741.0	0.001350	687.00323	19.19246
731.0	0.001368	687.49469	19.72182
711.0	0.001406	687.98633	20.27536
737.0	0.001357	688.47772	20.85461
731.0	0.001368	688.96918	21.46123
760.0	0.001316	689.46082	22.09701
729.0	0.001372	689.95221	22.76389
809.0	0.001236	690.44385	23.46398
800.0	0.001250	690.93530	24.19957
787.0	0.001271	691.42694	24.97315
730.0	0.001370	691.91833	25.78746
792.0	0.001263	692.40997	26.64546
804.0	0.001244	700.08215	27.55042
821.0	0.001218	707.75427	28.50590
770.0	0.001299	715.42932	29.51583
820.0	0.001220	723.10150	30.58451
781.0	0.001280	730.77655	31.71671
853.0	0.001172	738.44873	32.91768
779.0	0.001284	746.12378	34.19323
853.0	0.001172	753.79596	35.54982
847.0	0.001181	761.47101	36.99462
814.0	0.001229	769.14319	38.53564
831.0	0.001203	776.81531	40.18180
807.0	0.001239	784.49042	41.94312
804.0	0.001244	792.16254	43.83085
852.0	0.001174	799.83765	45.85767
883.0	0.001133	807.50977	48.03790
818.0	0.001222	815.18488	50.38777
850.0	0.001176	822.85699	52.92575
864.0	0.001157	830.52917	55.67292
855.0	0.001170	838.20422	58.65344
881.0	0.001135	845.87640	61.89507
823.0	0.001215	853.55145	65.42988
847.0	0.001181	861.22363	69.29507
842.0	0.001188	868.89868	73.53401
864.0	0.001157	876.57086	78.19740
816.0	0.001225	884.24591	83.34502
870.0	0.001149	891.91809	89.04753
952.0	0.001050	899.59021	95.38910
912.0	0.001096	907.26532	102.47057
946.0	0.001057	914.93744	110.41352
982.0	0.001018	922.61255	119.36570
980.0	0.001020	930.28467	129.50806
954.0	0.001048	937.95978	141.06418
1033.0	0.000968	945.63190	154.31323
999.0	0.001001	953.30701	169.60826
1058.0	0.000945	960.97913	187.40280
1039.0	0.000962	968.65131	208.29044
1127.0	0.000887	976.32635	233.06473
1189.0	0.000841	983.99854	262.80731
1266.0	0.000790	991.67358	299.01398
1292.0	0.000774	999.34576	343.76199
1499.0	0.000667	1007.02081	399.91516
1511.0	0.000662	1014.69299	471.34927

1641.0	0.000609	1022.36511	563.15759
1703.0	0.000587	1030.04016	681.74072
1946.0	0.000514	1037.71240	834.49683
2026.0	0.000494	1045.38745	1028.34741
2319.0	0.000431	1053.05957	1265.56433
2554.0	0.000392	1060.73462	1535.87952
2717.0	0.000368	1068.40686	1810.72131
3094.0	0.0003232	1076.08191	2057.14136
3182.0	0.0003143	1083.75403	2270.95776
3382.0	0.0002957	1091.42615	2478.20972
3469.0	0.0002883	1099.10132	2683.59644
3511.0	0.0002848	1106.77344	2826.08472
3450.0	0.0002899	1114.44849	2805.68066
3373.0	0.0002965	1122.12061	2580.68408
3092.0	0.0003234	1129.79578	2217.76538
2731.0	0.000366	1137.46790	1823.43433
2512.0	0.000398	1145.14294	1468.28845
2218.0	0.000451	1152.81506	1177.24109
2092.0	0.000478	1160.48730	949.70752
1943.0	0.000515	1168.16235	775.91455
1684.0	0.000594	1175.83447	644.51440
1722.0	0.000581	1183.50952	545.33405
1630.0	0.000613	1191.18176	470.14175
1650.0	0.000606	1198.85681	412.66907
1513.0	0.000661	1206.52893	368.34607
1426.0	0.000701	1214.20105	333.94269
1503.0	0.000665	1221.87622	307.21814
1374.0	0.000728	1229.54834	286.63071
1428.0	0.000700	1237.22339	271.12448
1416.0	0.000706	1244.89551	259.98557
1477.0	0.000677	1259.88269	252.75221
1408.0	0.000710	1285.82471	249.16331
1447.0	0.000691	1311.77673	249.13394
1544.0	0.000648	1337.71875	252.75313
1577.0	0.000634	1363.66077	260.30273
1534.0	0.000652	1389.61267	272.30078
1628.0	0.000614	1415.55469	289.57349
1747.0	0.000572	1441.50659	313.35944
1824.0	0.000548	1467.44861	345.44403
1759.0	0.000569	1493.40051	388.31421
1943.0	0.000515	1519.34253	445.31091
2044.0	0.000489	1545.29443	520.72681
2014.0	0.000497	1571.23645	619.70087
2348.0	0.000426	1597.17847	747.49561
2365.0	0.000423	1623.13037	907.23004
2530.0	0.000395	1649.07239	1094.99280
2839.0	0.000352	1675.02429	1294.29749
2922.0	0.0003422	1700.96631	1480.26990
3224.0	0.0003102	1726.91821	1641.09375
3323.0	0.0003009	1752.86035	1790.05212
3458.0	0.0002892	1778.80237	1937.86987
3646.0	0.0002743	1804.75427	2054.24023
3433.0	0.0002913	1830.69629	2070.46045
3300.0	0.0003030	1856.64819	1940.25293

3139.0	0.0003186	1882.59021	1693.44495
3103.0	0.0003223	1908.54211	1405.32593
2817.0	0.000355	1934.48413	1135.44971
2815.0	0.000355	1960.43604	909.18292
2617.0	0.000382	1986.37805	729.64001
2532.0	0.000395	2012.32007	590.88885
2456.0	0.000407	2038.27197	484.81726
2587.0	0.000387	2064.21411	403.78503
2454.0	0.000407	2090.16602	341.44507
2490.0	0.000402	2116.10791	292.86597
2400.0	0.000417	2142.05981	254.38763
2410.0	0.000415	2168.00195	223.37740
2419.0	0.000413	2193.95386	197.97267
2477.0	0.000404	2219.89575	176.85770
2450.0	0.000408	2245.83789	159.09148
2433.0	0.000411	2271.78979	143.98679
2556.0	0.000391	2297.73169	131.02968
2526.0	0.000396	2323.68359	119.82719
2728.0	0.000367	2360.08350	110.07327
2762.0	0.000362	2399.11108	101.52608
2495.0	0.000401	2438.12402	93.99224
2562.0	0.000390	2477.13696	87.31562
2731.0	0.000366	2516.16479	81.36903
2659.0	0.000376	2555.17773	76.04806
2720.0	0.000368	2594.20532	71.26634
2777.0	0.000360	2633.21826	66.95198
2738.0	0.000365	2672.24609	63.04473
2957.0	0.0003382	2711.25903	59.49382
2901.0	0.0003447	2750.28662	56.25618
2867.0	0.0003488	2780.94775	53.29513
2834.0	0.000353	2778.18506	50.57924
2816.0	0.000355	2775.42139	48.08148
2847.0	0.000351	2772.65869	45.77845
2823.0	0.000354	2769.89502	43.64989
2835.0	0.000353	2767.13232	41.67810
2750.0	0.000364	2764.36865	39.84762
2807.0	0.000356	2761.60596	38.14486
2797.0	0.000358	2758.84229	36.55785
2743.0	0.000365	2713.44312	35.07603
2764.0	0.000362	2657.38989	33.69001
2563.0	0.000390	2601.31519	32.39145
2672.0	0.000374	2545.26196	31.17292
2539.0	0.000394	2489.18726	30.02777
2527.0	0.000396	2433.13379	28.95003
2563.0	0.000390	2377.05933	27.93436
2339.0	0.000428	2321.00586	26.97592
2400.0	0.000417	2264.95264	26.07035
2351.0	0.000425	2208.87793	25.21371
2352.0	0.000425	2152.82471	24.40244
2175.0	0.000460	2096.75000	23.63327
2093.0	0.000478	2050.33203	22.90325
2027.0	0.000493	2003.89648	22.20968
2019.0	0.000495	1957.47852	21.55011
1975.0	0.000506	1911.04297	20.92227

1923.0	0.000520	1864.62500	20.32409
1858.0	0.000538	1818.20703	19.75368
1801.0	0.000555	1771.77148	19.20930
1835.0	0.000545	1725.35352	18.68932
1778.0	0.000562	1678.91797	18.19227
1721.0	0.000581	1632.50000	17.71679
1532.0	0.000653	1597.67444	17.26160
1645.0	0.000608	1562.86206	16.82552
1538.0	0.000650	1528.03650	16.40747
1473.0	0.000679	1493.22424	16.00645
1448.0	0.000691	1458.41187	15.62150
1438.0	0.000695	1423.58630	15.25177
1352.0	0.000740	1388.77393	14.89643
1389.0	0.000720	1353.94836	14.55472
1285.0	0.000778	1319.13611	14.22593
1311.0	0.000763	1284.31042	13.90941
1260.0	0.000794	1249.49817	13.60454
1176.0	0.000850	1214.68579	13.31072
1202.0	0.000832	1179.86023	13.02743
1191.0	0.000840	1145.04797	12.75414
1118.0	0.000894	1110.22229	12.49039
1130.0	0.000885	1075.41003	12.23571
1112.0	0.000899	1062.28760	11.98970
1051.0	0.000951	1049.17029	11.75194
1086.0	0.000921	1036.04785	11.52206
1027.0	0.000974	1022.93048	11.29972
1036.0	0.000965	1009.81305	11.08457
972.0	0.001029	996.69067	10.87630
1056.0	0.000947	983.57330	10.67462
887.0	0.001127	970.45087	10.47924
890.0	0.001124	957.33350	10.28989
889.0	0.001125	944.21112	10.10633
938.0	0.001066	931.09369	9.92831
940.0	0.001064	917.97131	9.75561
932.0	0.001073	904.85388	9.58801
875.0	0.001143	891.73651	9.42532
901.0	0.001110	878.61414	9.26733
921.0	0.001086	865.49670	9.11386
850.0	0.001176	852.37433	8.96474
817.0	0.001224	839.25696	8.81980
831.0	0.001203	826.13452	8.67888
836.0	0.001196	813.01715	8.54183
812.0	0.001232	799.89978	8.40852
800.0	0.001250	786.77734	8.27879
778.0	0.001285	773.65997	8.15253
792.0	0.001263	771.22485	8.02960
764.0	0.001309	768.79071	7.90989
810.0	0.001235	766.35565	7.79328
758.0	0.001319	763.92145	7.67967
784.0	0.001276	761.48639	7.56895
760.0	0.001316	759.05219	7.46102
720.0	0.001389	756.61804	7.35579
767.0	0.001304	754.18292	7.25316
812.0	0.001232	751.74878	7.15306

757.0	0.001321	749.31372	7.05539
743.0	0.001346	746.87952	6.96007
709.0	0.001410	744.44446	6.86704
725.0	0.001379	742.01025	6.77621
666.0	0.001502	739.57520	6.68752
714.0	0.001401	737.14099	6.60090
701.0	0.001427	734.70685	6.51628
762.0	0.001312	732.27173	6.43360
700.0	0.001429	729.83759	6.35280
716.0	0.001397	727.40253	6.27382
720.0	0.001389	724.96832	6.19661
694.0	0.001441	722.53326	6.12112
610.0	0.001639	720.09906	6.04729
656.0	0.001524	717.66492	5.97507
623.0	0.001605	715.22980	5.90442
624.0	0.001603	712.79565	5.83529
648.0	0.001543	710.36060	5.76764
716.0	0.001397	707.92639	5.70142
691.0	0.001447	705.49133	5.63660
649.0	0.001541	703.05713	5.57313
669.0	0.001495	700.62207	5.51097
593.0	0.001686	698.18787	5.45010
650.0	0.001538	695.75372	5.39047
653.0	0.001531	693.31866	5.33204
615.0	0.001626	690.88446	5.27480
592.0	0.001689	688.44940	5.21870
609.0	0.001642	686.01520	5.16372
640.0	0.001563	683.58014	5.10981
637.0	0.001570	681.14594	5.05697
662.0	0.001511	678.71088	5.00515
614.0	0.001629	676.27667	3.16391
650.0	0.001538	673.84253	3.13362
652.0	0.001534	671.40747	3.10397
644.0	0.001553	668.97327	3.07492
662.0	0.001511	666.53821	3.04648
671.0	0.001490	664.10400	3.01861
628.0	0.001592	661.66895	2.99131
623.0	0.001605	659.23474	2.96456
646.0	0.001548	656.80060	2.93835
631.0	0.001585	654.36554	2.91265
609.0	0.001642	651.93134	2.88747
605.0	0.001653	649.49628	11.71897
573.0	0.001745	647.06207	11.79394
591.0	0.001692	644.62701	11.87106
634.0	0.001577	642.19281	11.95035
636.0	0.001572	639.75775	12.03183
657.0	0.001522	637.32361	12.11554
588.0	0.001701	634.88940	12.20151
589.0	0.001698	632.45435	12.28976
569.0	0.001757	630.02014	12.38034
632.0	0.001582	627.58508	12.47328
591.0	0.001692	625.15088	12.56861
620.0	0.001613	622.71582	12.66637
546.0	0.001832	620.28168	12.76660



578.0	0.001730	617.84656	12.86935
601.0	0.001664	615.41241	12.97466
583.0	0.001715	612.97821	13.08257
554.0	0.001805	610.54315	13.19313
600.0	0.001667	608.10895	13.30639
633.0	0.001580	605.67389	21.66879
576.0	0.001736	603.23969	21.87979
595.0	0.001681	600.80463	22.09519
627.0	0.001595	598.37048	22.31510
612.0	0.001634	595.93628	22.53961
563.0	0.001776	593.50122	22.76883
599.0	0.001669	591.06702	23.00285
582.0	0.001718	588.63196	23.24178
599.0	0.001669	586.19775	23.48573
516.0	0.001938	583.76270	23.73481
580.0	0.001724	581.32855	23.98915
637.0	0.001570	578.89343	24.24887
625.0	0.001600	576.45929	23.21374
605.0	0.001653	574.02509	23.49873
625.0	0.001600	571.59003	23.78926
628.0	0.001592	569.15582	24.08547
577.0	0.001733	566.72076	24.38752
572.0	0.001748	564.28662	24.69554
630.0	0.001587	561.85150	25.00972
492.0	0.002033	559.41736	25.33021
613.0	0.001631	556.98224	25.65718
567.0	0.001764	554.54810	25.99080
537.0	0.001862	552.11389	26.33127
540.0	0.001852	549.67883	26.67877
516.0	0.001938	547.24463	27.03350
537.0	0.001862	544.80957	27.39565
617.0	0.001621	542.37543	27.76545
543.0	0.001842	539.94031	28.14309
530.0	0.001887	537.50616	28.52882
595.0	0.001681	535.07196	28.92286
560.0	0.001786	532.63690	29.32545
628.0	0.001592	530.20270	29.73685
602.0	0.001661	527.76764	30.15732
607.0	0.001647	525.33350	30.58712
576.0	0.001736	522.89838	31.02653
575.0	0.001739	520.46423	31.47585
561.0	0.001783	519.30835	31.93537
562.0	0.001779	519.00568	32.40541
550.0	0.001818	518.70300	32.88628
562.0	0.001779	518.40021	33.37834
552.0	0.001812	518.09753	33.88193
575.0	0.001739	517.79474	34.39742
572.0	0.001748	517.49207	34.98125
660.0	0.001515	517.18927	35.52230
584.0	0.001712	516.88660	36.07645
525.0	0.001905	516.58380	36.64411
549.0	0.001821	516.28113	37.22573
606.0	0.001650	515.97845	37.82178
582.0	0.001718	515.67566	38.43274

626.0	0.001597	515.37299	39.05912
559.0	0.001789	515.07019	39.70144
548.0	0.001825	514.76752	40.36024
591.0	0.001692	514.46472	41.03611
541.0	0.001848	514.16205	41.72963
553.0	0.001808	513.85938	42.44143
520.0	0.001923	513.55658	43.17217
551.0	0.001815	513.25391	43.92252
556.0	0.001799	512.95117	44.69321
563.0	0.001776	512.64844	45.48496
582.0	0.001718	512.34570	46.29856
537.0	0.001862	512.04297	47.13484
543.0	0.001842	511.74020	47.99464
564.0	0.001773	511.43753	48.87886
529.0	0.001890	511.13486	49.78844
496.0	0.002016	510.83206	50.72437
497.0	0.002012	510.52939	51.68767
500.0	0.002000	510.22659	52.67944
617.0	0.001621	509.92392	53.70081
594.0	0.001684	509.62115	54.75299
584.0	0.001712	509.31848	56.89940
569.0	0.001757	509.01569	58.02891
537.0	0.001862	508.71301	59.19341
545.0	0.001835	508.41034	60.39436
575.0	0.001739	508.10754	61.63332
534.0	0.001873	507.80487	62.91192
506.0	0.001976	507.50208	64.23191
551.0	0.001815	507.19940	65.59508
530.0	0.001887	506.89661	67.00340
522.0	0.001916	506.59393	68.45884
590.0	0.001695	506.29126	69.96361
539.0	0.001855	505.98846	71.51995
548.0	0.001825	505.68579	73.13029
545.0	0.001835	505.38300	74.79717
562.0	0.001779	505.08032	76.52332
540.0	0.001852	504.77756	78.31159
509.0	0.001965	504.47488	80.16505
570.0	0.001754	504.17209	82.08694
661.0	0.001513	503.86942	84.08070
552.0	0.001812	503.56674	86.15001
584.0	0.001712	503.26395	88.29878
555.0	0.001802	502.96127	90.53119
578.0	0.001730	502.65848	92.85167
590.0	0.001695	502.35580	95.26502
528.0	0.001894	502.05301	97.77628
540.0	0.001852	501.75034	100.39090
532.0	0.001880	501.44754	103.11472
579.0	0.001727	501.14487	105.95399
544.0	0.001838	500.84219	108.91540
583.0	0.001715	500.53940	112.00616
592.0	0.001689	500.23672	115.23405
594.0	0.001684	499.93396	118.60741
627.0	0.001595	499.63129	122.13523
526.0	0.001901	499.32849	125.82722

512.0	0.001953	499.02582	129.69391
598.0	0.001672	498.72314	133.74667
625.0	0.001600	498.42035	137.99783
607.0	0.001647	498.11768	142.46072
578.0	0.001730	497.81488	147.14989
641.0	0.001560	497.51221	152.08121
551.0	0.001815	497.20941	157.27185
616.0	0.001623	496.90674	162.74071
587.0	0.001704	496.60394	168.50833
606.0	0.001650	496.30127	174.59732
574.0	0.001742	495.99860	181.03236
605.0	0.001653	495.69580	187.84082
606.0	0.001650	495.39313	195.05260
639.0	0.001565	495.09036	202.70085
619.0	0.001616	494.78769	210.82219
619.0	0.001616	494.48489	219.45732
594.0	0.001684	494.18222	228.65138
616.0	0.001623	493.87943	238.45467
615.0	0.001626	493.57675	248.92345
596.0	0.001678	493.27408	260.12054
617.0	0.001621	492.97128	272.11676
638.0	0.001567	492.66861	284.99161
661.0	0.001513	492.36581	298.83508
679.0	0.001473	492.06314	313.74915
610.0	0.001639	491.76035	329.84964
767.0	0.001304	491.45767	347.26898
700.0	0.001429	491.15500	366.15872
755.0	0.001325	490.85220	386.69336
715.0	0.001399	490.54953	409.07431
651.0	0.001536	490.24677	433.53540
704.0	0.001420	489.94406	460.34930
748.0	0.001337	489.64130	489.83551
834.0	0.001199	489.33862	522.37048
874.0	0.001144	489.03583	558.40021
885.0	0.001130	488.73315	598.45703
913.0	0.001095	488.43048	643.17944
933.0	0.001072	488.12769	693.33960
959.0	0.001043	487.82501	749.87860
1098.0	0.000911	487.52222	813.95520
1138.0	0.000879	487.21954	887.01001
1277.0	0.000783	486.91675	970.86127
1342.0	0.000745	486.61407	1067.84119
1439.0	0.000695	486.31128	1180.99731
1604.0	0.000623	486.00861	1314.39111
1813.0	0.000552	485.70593	1473.52136
1886.0	0.000530	485.40317	1665.90271
2220.0	0.000450	485.10046	1901.80518
2467.0	0.000405	484.79770	2195.12305
2941.0	0.0003400	484.49503	2564.29248
3384.0	0.0002955	484.19223	3033.05737
3896.0	0.0002567	483.88956	3630.59888
4825.0	0.0002073	483.58688	4389.68604
5579.0	0.0001792	483.28409	5339.71582
6453.0	0.0001550	482.98141	6489.25098

7810.0	0.0001280	482.67862	7796.33838
8999.0	0.0001111	482.37595	9149.74707
10507.0	0.0000952	482.07315	10417.13281
12138.0	0.0000824	481.77048	11547.58008
13451.0	0.0000743	481.46768	12559.57910
14221.0	0.0000703	481.16501	13360.96289
13699.0	0.0000730	480.86234	13657.63672
12439.0	0.0000804	480.55954	13175.35156
10970.0	0.0000912	480.25687	11981.31641
9205.0	0.0001086	479.95410	10452.79102
7960.0	0.0001256	479.65143	8970.23730
7150.0	0.0001399	479.34863	7747.00586
6552.0	0.0001526	479.04596	6854.86084
6455.0	0.0001549	478.74316	6297.57715
6096.0	0.0001640	478.44049	6059.28076
6422.0	0.0001557	478.13782	6125.25537
6699.0	0.0001493	477.83502	6485.62549
7316.0	0.0001367	477.53235	7125.56250
7928.0	0.0001261	477.22955	8001.24951
9018.0	0.0001109	476.92688	9013.08594
9812.0	0.0001019	476.62408	10020.90527
11156.0	0.0000896	476.32141	10930.20410
12236.0	0.0000817	476.01874	11737.16406
12503.0	0.0000800	475.71594	12403.19629
12103.0	0.0000826	475.41327	12707.93555
11128.0	0.0000899	475.11050	12350.20605
9722.0	0.0001029	474.80783	11261.16992
8309.0	0.0001204	474.50504	9712.75391
6924.0	0.0001444	474.20236	8076.68066
5755.0	0.0001738	473.89957	6596.78906
5193.0	0.0001926	473.59689	5363.43018
4316.0	0.0002317	473.29422	4377.83447
3724.0	0.0002685	472.99142	3606.29346
3192.0	0.0003133	472.68875	3007.26929
2751.0	0.000364	472.38596	2542.07642
2429.0	0.000412	472.08328	2178.33594
2161.0	0.000463	471.78049	1890.54333
1924.0	0.000520	471.47781	1659.44116
1877.0	0.000533	471.17502	1470.91785
1562.0	0.000640	470.87234	1314.80811
1511.0	0.000662	470.56967	1183.81616
1410.0	0.000709	470.26691	1072.65820
1382.0	0.000724	469.96423	977.43805
1223.0	0.000818	469.66144	895.22168
1204.0	0.000831	469.35876	823.75055
1054.0	0.000949	469.05597	761.25641
1051.0	0.000951	468.75330	706.33490
1009.0	0.000991	468.45062	657.85968
970.0	0.001031	468.14783	614.92133
908.0	0.001101	467.84515	576.78339
849.0	0.001178	467.54236	542.85010
817.0	0.001224	467.23969	512.64417
802.0	0.001247	466.93689	485.79031
884.0	0.001131	466.63422	462.00485

784.0	0.001276	466.33142	441.08902
865.0	0.001156	466.02875	422.92374
848.0	0.001179	465.72607	407.46359
821.0	0.001218	465.42331	394.72070
802.0	0.001247	465.12064	384.72290
743.0	0.001346	464.81784	377.41312
802.0	0.001247	464.51517	372.47296
753.0	0.001328	464.21237	369.17847
749.0	0.001335	463.90970	366.60797
770.0	0.001299	463.60690	364.24353
816.0	0.001225	463.30423	362.05225
810.0	0.001235	463.00156	359.50156
822.0	0.001217	462.69876	354.87805
861.0	0.001161	462.39609	346.44394
779.0	0.001284	462.09329	334.42096
791.0	0.001264	461.79062	321.02374
752.0	0.001330	461.48782	308.65408
744.0	0.001344	461.18515	298.74579
743.0	0.001346	460.88248	291.84152
803.0	0.001245	460.57971	288.04269
788.0	0.001269	460.27704	287.33417
814.0	0.001229	459.97424	289.75165
815.0	0.001227	459.67157	295.46909
829.0	0.001206	459.36877	304.86157
889.0	0.001125	459.06610	318.56992
1019.0	0.000981	458.76331	337.57709
978.0	0.001022	458.46063	363.29819
1099.0	0.000910	458.15796	397.67746
1180.0	0.000847	457.85516	443.27496
1338.0	0.000747	457.55249	503.29675
1337.0	0.000748	457.24969	581.44574
1581.0	0.000633	456.94702	681.29675
1600.0	0.000625	456.64423	804.64355
1775.0	0.000563	456.34155	948.39862
2053.0	0.000487	456.03879	1101.64624
2293.0	0.000436	455.73611	1248.46545
2448.0	0.000408	455.43341	1378.70215
2584.0	0.000387	455.13065	1491.54663
2736.0	0.000365	454.82797	1578.97253
2721.0	0.000368	454.52518	1611.14099
2532.0	0.000395	454.22250	1554.53418
2360.0	0.000424	453.91971	1409.30334
1972.0	0.000507	453.61703	1214.03638
1801.0	0.000555	453.31436	1013.38898
1576.0	0.000635	453.01157	834.35291
1409.0	0.000710	452.70889	686.05011
1281.0	0.000781	452.40610	567.81854
1131.0	0.000884	452.10342	475.31073
1015.0	0.000985	451.80063	403.44513
920.0	0.001087	451.49796	347.55591
826.0	0.001211	451.19519	303.76001
886.0	0.001129	450.89252	269.00751
787.0	0.001271	450.58981	240.99936
689.0	0.001451	450.28705	218.05247

715.0	0.001399	449.98438	198.95488
675.0	0.001481	449.68158	182.83669
681.0	0.001468	449.37891	169.06783
696.0	0.001437	449.07611	157.18376
704.0	0.001420	448.77344	146.83447
630.0	0.001587	448.47064	137.75049
659.0	0.001517	448.16797	129.72057
621.0	0.001610	447.86530	122.57661
585.0	0.001709	447.56250	116.18320
573.0	0.001745	447.25983	110.43027
583.0	0.001715	446.95703	105.22749
528.0	0.001894	446.65436	100.50021
541.0	0.001848	446.35159	96.18627
525.0	0.001905	446.04889	92.23365
554.0	0.001805	445.74622	88.59846
624.0	0.001603	445.44345	85.24348
504.0	0.001984	445.14078	82.13701
534.0	0.001873	444.83798	79.25186
576.0	0.001736	444.53531	76.56464
515.0	0.001942	444.23251	74.05508
607.0	0.001647	443.92984	71.70560
467.0	0.002141	443.62704	69.50083
511.0	0.001957	443.32437	67.42731
512.0	0.001953	443.02170	65.47323
541.0	0.001848	442.71890	63.62810
554.0	0.001805	442.41623	61.88269
491.0	0.002037	442.11343	60.22878
541.0	0.001848	441.81076	58.65902
505.0	0.001980	441.50797	57.16684
564.0	0.001773	441.20529	55.74638
503.0	0.001988	440.90253	54.39234
519.0	0.001927	440.59985	53.09994
525.0	0.001905	440.29718	51.86487
496.0	0.002016	439.99438	50.68322
479.0	0.002088	439.69171	49.55143
483.0	0.002070	439.38892	48.46626
528.0	0.001894	439.08624	47.42477
510.0	0.001961	438.78345	46.42425
484.0	0.002066	438.48077	45.46222
463.0	0.002160	438.17810	44.53641
534.0	0.001873	437.87531	43.64473
488.0	0.002049	437.57263	42.78526
526.0	0.001901	437.26984	41.95620
517.0	0.001934	436.96716	41.15592
501.0	0.001996	436.66437	40.38290
540.0	0.001852	436.36169	39.63570
526.0	0.001901	436.05893	38.91304
492.0	0.002033	435.75626	38.21368
495.0	0.002020	435.45358	37.53647
528.0	0.001894	435.15079	36.88036
542.0	0.001845	434.84811	36.24435
465.0	0.002151	434.54532	35.62752
528.0	0.001894	434.24265	35.02899
477.0	0.002096	433.93985	34.44795

511.0	0.001957	433.63718	33.88363
461.0	0.002169	433.33438	33.33530
482.0	0.002075	433.03171	32.80229
500.0	0.002000	432.72903	32.28397
442.0	0.002262	432.42624	31.77972
436.0	0.002294	432.12357	31.28898
482.0	0.002075	431.82077	30.81121
464.0	0.002155	431.51810	30.34591
484.0	0.002066	431.21533	29.89260
480.0	0.002083	430.91266	29.45080
501.0	0.001996	430.60999	29.02011
487.0	0.002053	430.30719	28.60010
524.0	0.001908	430.00452	28.19038
472.0	0.002119	429.70172	27.79059
482.0	0.002075	429.39905	27.40038
450.0	0.002222	429.09625	27.01941
525.0	0.001905	428.79358	26.64735
478.0	0.002092	428.49078	26.28391
474.0	0.002110	428.18811	25.92880
502.0	0.001992	427.88544	25.58173
471.0	0.002123	427.58264	25.24245
458.0	0.002183	427.27997	24.91070
461.0	0.002169	426.97717	24.58625
433.0	0.002309	426.67450	24.26885
498.0	0.002008	426.37173	23.95829
472.0	0.002119	426.06906	14.98453
508.0	0.001969	425.76627	14.78151
488.0	0.002049	425.46359	14.58318
501.0	0.001996	425.16092	14.38939
467.0	0.002141	424.85812	14.19999
505.0	0.001980	424.55545	14.01484
483.0	0.002070	424.25266	13.83381
479.0	0.002088	423.94998	13.65677
482.0	0.002075	423.64719	13.48359
474.0	0.002110	423.34451	13.31415
489.0	0.002045	423.04184	13.14834
493.0	0.002028	422.73904	12.98606
444.0	0.002252	422.43637	12.82719
462.0	0.002165	422.13358	12.67163
517.0	0.001934	421.83090	12.51930
496.0	0.002016	421.52814	12.37008
434.0	0.002304	421.22546	12.22391
475.0	0.002105	420.92267	12.08068
449.0	0.002227	420.62000	3.80518
459.0	0.002179	420.31732	3.75643
440.0	0.002273	420.01453	3.70894
434.0	0.002304	419.71185	3.66267
453.0	0.002208	419.40906	3.61757
487.0	0.002053	419.10638	3.57362
500.0	0.002000	418.80359	3.53076
497.0	0.002012	418.50092	3.48896
517.0	0.001934	418.19812	3.44820
464.0	0.002155	417.89545	3.40842
459.0	0.002179	417.59277	3.36961

431.0	0.002320	417.28998	3.33173
458.0	0.002183	416.98730	3.29475
405.0	0.002469	416.68454	3.25865
524.0	0.001908	416.38184	3.22339
447.0	0.002237	416.07907	3.18895
449.0	0.002227	415.77640	3.15531
419.0	0.002387	415.47372	3.12243
433.0	0.002309	415.17093	3.09031
465.0	0.002151	414.86826	3.05891
483.0	0.002070	414.56546	3.02821
540.0	0.001852	414.26279	2.99819
461.0	0.002169	413.95999	2.96883
487.0	0.002053	413.65732	2.94012
504.0	0.001984	413.35452	2.91203
474.0	0.002110	413.05185	2.88455
460.0	0.002174	412.74918	2.85766
443.0	0.002257	412.44638	2.83133
476.0	0.002101	412.14371	2.80557
465.0	0.002151	411.84094	2.78034
434.0	0.002304	411.53824	2.75564
470.0	0.002128	411.23547	2.73145
448.0	0.002232	410.93280	2.70776
421.0	0.002375	410.63000	2.68455
431.0	0.002320	410.32733	2.66181
445.0	0.002247	410.02466	2.63953
444.0	0.002252	409.72186	2.61770
459.0	0.002179	409.41919	2.59629
422.0	0.002370	409.11639	2.57531
502.0	0.001992	408.81372	2.55475
428.0	0.002336	408.51093	2.53458
461.0	0.002169	408.20825	2.51480
483.0	0.002070	407.90558	2.44038
451.0	0.002217	407.60278	2.42195
454.0	0.002203	407.30011	2.40388
438.0	0.002283	406.99731	2.38614
415.0	0.002410	406.69464	2.36874
462.0	0.002165	406.39188	2.35167
439.0	0.002278	406.08920	2.33491
458.0	0.002183	405.78641	2.31847
473.0	0.002114	405.48373	2.30232
424.0	0.002358	405.18106	2.28647
431.0	0.002320	404.87827	2.27091
391.0	0.002558	404.57559	2.25562
421.0	0.002375	404.27280	2.24062
432.0	0.002315	403.97012	2.22588
448.0	0.002232	403.66733	2.21140
454.0	0.002203	403.36465	2.19717
461.0	0.002169	403.06186	2.18320
448.0	0.002232	402.75919	2.16946
448.0	0.002232	402.45651	2.15597
398.0	0.002513	402.15372	2.14271
444.0	0.002252	401.85104	2.12967
429.0	0.002331	401.54828	2.11686
462.0	0.002165	401.24561	2.10426



456.0	0.002193	400.94281	2.09188
434.0	0.002304	400.64014	2.07970
435.0	0.002299	400.33746	2.06772
444.0	0.002252	400.03467	2.05594
438.0	0.002283	399.73199	1.00000
438.0	0.002283	399.42920	1.00000
404.0	0.002475	399.12653	1.00000
414.0	0.002415	398.82373	1.00000
425.0	0.002353	398.52106	1.00000
442.0	0.002262	398.21826	1.00000
460.0	0.002174	397.91559	1.00000
417.0	0.002398	397.61292	1.00000
408.0	0.002451	397.31012	1.00000
446.0	0.002242	397.00745	1.00000
424.0	0.002358	396.70468	1.00000
438.0	0.002283	396.40201	1.00000
411.0	0.002433	396.09921	1.00000
437.0	0.002288	395.79654	1.00000
452.0	0.002212	395.49374	1.00000
453.0	0.002208	395.19107	1.00000
430.0	0.002326	394.88840	1.00000
409.0	0.002445	394.58560	1.00000
386.0	0.002591	394.28293	1.00000
401.0	0.002494	393.98013	1.00000
470.0	0.002128	393.67746	1.00000
424.0	0.002358	393.37466	1.00000
434.0	0.002304	393.07199	1.00000
466.0	0.002146	392.76932	1.00000
423.0	0.002364	392.46652	1.00000
443.0	0.002257	392.16385	1.00000
443.0	0.002257	391.86108	1.00000
418.0	0.002392	391.55841	1.00000
420.0	0.002381	391.25562	1.00000
444.0	0.002252	390.95294	1.00000
418.0	0.002392	390.65015	1.00000
406.0	0.002463	390.34747	1.00000
438.0	0.002283	390.04480	1.00000
417.0	0.002398	389.74200	1.00000
419.0	0.002387	389.43933	1.00000
428.0	0.002336	389.13654	1.00000
420.0	0.002381	388.83386	1.00000
420.0	0.002381	388.53107	1.00000
397.0	0.002519	388.22839	1.00000
427.0	0.002342	387.92560	1.00000
443.0	0.002257	387.62292	1.00000
379.0	0.002639	387.32025	1.00000
454.0	0.002203	387.01749	1.00000
461.0	0.002169	386.71481	1.00000
396.0	0.002525	386.41202	1.00000
442.0	0.002262	386.10934	1.00000
378.0	0.002646	385.80655	1.00000
446.0	0.002242	385.50388	1.00000
449.0	0.002227	385.20120	1.00000
439.0	0.002278	384.89841	1.00000

407.0	0.002457	384.59573	1.00000
393.0	0.002545	384.29294	1.00000
419.0	0.002387	383.99026	1.00000
436.0	0.002294	383.68747	1.00000
472.0	0.002119	383.38480	1.00000
386.0	0.002591	383.08200	1.00000
404.0	0.002475	382.77933	1.00000
419.0	0.002387	382.47665	1.00000
432.0	0.002315	382.17389	1.00000
412.0	0.002427	381.87119	1.00000
468.0	0.002137	381.56842	1.00000
377.0	0.002653	381.26575	1.00000
478.0	0.002092	380.96295	1.00000
443.0	0.002257	380.66028	1.00000
411.0	0.002433	380.35748	1.00000
441.0	0.002268	380.05481	1.00000
416.0	0.002404	379.75214	1.00000
460.0	0.002174	379.44934	1.00000
419.0	0.002387	379.14667	1.00000
405.0	0.002469	378.84387	1.00000
444.0	0.002252	378.54120	1.00000
380.0	0.002632	378.23840	1.00000
419.0	0.002387	377.93573	1.00000
373.0	0.002681	377.63306	1.00000
417.0	0.002398	377.33029	1.00000
419.0	0.002387	377.02759	1.00000
371.0	0.002695	376.72482	1.00000
371.0	0.002695	376.42215	1.00000
380.0	0.002632	376.11935	1.00000
424.0	0.002358	375.81668	1.00000
440.0	0.002273	375.51389	1.00000
424.0	0.002358	375.21121	1.00000
478.0	0.002092	374.90854	1.00000
364.0	0.002747	374.60574	1.00000
441.0	0.002268	374.30307	1.00000
410.0	0.002439	374.00027	1.00000
415.0	0.002410	373.69760	1.00000
420.0	0.002381	373.39481	1.00000
403.0	0.002481	373.09213	1.00000
414.0	0.002415	372.78937	1.00000
437.0	0.002288	372.48666	1.00000
426.0	0.002347	372.18399	1.00000
476.0	0.002101	371.88123	1.00000
430.0	0.002326	371.57855	1.00000
450.0	0.002222	371.27576	1.00000
428.0	0.002336	370.97308	1.00000
399.0	0.002506	370.67029	1.00000
416.0	0.002404	370.36761	1.00000
454.0	0.002203	370.06494	1.00000
409.0	0.002445	369.76215	1.00000
414.0	0.002415	369.45947	1.00000
443.0	0.002257	369.15668	1.00000
417.0	0.002398	368.85400	1.00000
431.0	0.002320	368.55121	1.00000

428.0	0.002336	368.24854	1.00000
370.0	0.002703	367.94574	1.00000
434.0	0.002304	367.64307	1.00000
378.0	0.002646	367.34039	1.00000
442.0	0.002262	367.03763	1.00000
429.0	0.002331	366.73495	1.00000
418.0	0.002392	366.43216	1.00000
386.0	0.002591	366.12949	1.00000
431.0	0.002320	365.82669	1.00000
442.0	0.002262	365.52402	1.00000
407.0	0.002457	365.22122	1.00000
427.0	0.002342	364.91855	1.00000
409.0	0.002445	364.61588	1.00000
432.0	0.002315	364.31308	1.00000
445.0	0.002247	364.01041	1.00000
465.0	0.002151	363.70761	1.00000
396.0	0.002525	363.40494	1.00000
393.0	0.002545	363.10214	1.00000
416.0	0.002404	362.79947	1.00000
422.0	0.002370	362.49680	1.00000
426.0	0.002347	362.19403	1.00000
391.0	0.002558	361.89136	1.00000
421.0	0.002375	361.58856	1.00000
413.0	0.002421	361.28589	1.00000
427.0	0.002342	360.98309	1.00000
371.0	0.002695	360.68042	1.00000
412.0	0.002427	360.37762	1.00000
405.0	0.002469	360.07495	1.00000
418.0	0.002392	359.77228	1.00000
430.0	0.002326	359.52118	1.00000
388.0	0.002577	359.47711	1.00000
442.0	0.002262	359.43301	1.00000
404.0	0.002475	359.38892	1.00000
376.0	0.002660	359.34482	1.00000
391.0	0.002558	359.30075	1.00000
439.0	0.002278	359.25665	1.00000
429.0	0.002331	359.21259	1.00000
426.0	0.002347	359.16849	1.00000
459.0	0.002179	359.12439	1.00000
425.0	0.002353	359.08032	1.00000
440.0	0.002273	359.03622	1.00000
411.0	0.002433	358.99213	1.00000
457.0	0.002188	358.94803	1.00000
392.0	0.002551	358.90396	1.00000
405.0	0.002469	358.85986	1.00000
404.0	0.002475	358.81577	1.00000
436.0	0.002294	358.77170	1.00000
383.0	0.002611	358.72760	1.00000
429.0	0.002331	358.68350	1.00000
396.0	0.002525	358.63943	1.00000
383.0	0.002611	358.59534	1.00000
378.0	0.002646	358.55124	1.00000
420.0	0.002381	358.50717	1.00000
391.0	0.002558	358.46307	1.00000

423.0	0.002364	358.41898	1.00000
431.0	0.002320	358.37491	1.00000
405.0	0.002469	358.33081	1.00000
432.0	0.002315	358.28671	1.00000
401.0	0.002494	358.24261	1.00000
405.0	0.002469	358.19855	1.00000
409.0	0.002445	358.15445	1.00000
411.0	0.002433	358.11038	1.00000
424.0	0.002358	358.06628	1.00000
390.0	0.002564	358.02219	1.00000
408.0	0.002451	357.97812	1.00000
367.0	0.002725	357.93402	1.00000
399.0	0.002506	357.88992	1.00000
401.0	0.002494	357.84583	1.00000
378.0	0.002646	357.80176	1.00000
402.0	0.002488	357.75766	1.00000
390.0	0.002564	357.71356	1.00000
422.0	0.002370	357.66949	1.00000
415.0	0.002410	357.62540	1.00000
419.0	0.002387	357.58130	1.00000
435.0	0.002299	357.53723	1.00000
463.0	0.002160	357.49313	1.00000
408.0	0.002451	357.44904	1.00000
447.0	0.002237	357.40497	1.00000
428.0	0.002336	357.36087	1.00000
368.0	0.002717	357.31677	1.00000
385.0	0.002597	357.27271	1.00000
396.0	0.002525	357.22861	1.00000
379.0	0.002639	357.18451	1.00000
394.0	0.002538	357.14041	1.00000
398.0	0.002513	357.09634	1.00000
442.0	0.002262	357.05225	1.00000
421.0	0.002375	357.00815	1.00000
379.0	0.002639	356.96408	1.00000
392.0	0.002551	356.91998	1.00000
411.0	0.002433	356.87592	1.00000
414.0	0.002415	356.83182	1.00000
415.0	0.002410	356.78772	1.00000
390.0	0.002564	356.74362	1.00000
364.0	0.002747	356.69955	1.00000
411.0	0.002433	356.65546	1.00000
444.0	0.002252	356.61136	1.00000
398.0	0.002513	356.56729	1.00000
411.0	0.002433	356.52319	1.00000
369.0	0.002710	356.47910	1.00000
453.0	0.002208	356.43503	1.00000
393.0	0.002545	356.39093	1.00000
369.0	0.002710	356.34683	1.00000
443.0	0.002257	356.30276	1.00000
442.0	0.002262	356.25867	1.00000
396.0	0.002525	356.21457	1.00000
405.0	0.002469	356.17050	1.00000
398.0	0.002513	356.12640	1.00000
412.0	0.002427	356.08231	1.00000

444.0	0.002252	356.03821	1.00000
440.0	0.002273	355.99414	1.00000
367.0	0.002725	355.95004	1.00000
393.0	0.002545	355.90594	1.00000
366.0	0.002732	355.86188	1.00000
374.0	0.002674	355.81778	1.00000
416.0	0.002404	355.77371	1.00000
453.0	0.002208	355.72961	1.00000
413.0	0.002421	355.68552	1.00000
381.0	0.002625	355.64142	1.00000
408.0	0.002451	355.59735	1.00000
393.0	0.002545	355.55325	1.00000
433.0	0.002309	355.50916	1.00000
373.0	0.002681	355.46509	1.00000
356.0	0.002809	355.42099	1.00000
416.0	0.002404	355.37689	1.00000
386.0	0.002591	355.33282	1.00000
388.0	0.002577	355.28873	1.00000
401.0	0.002494	355.24463	1.00000
429.0	0.002331	355.20056	1.00000
389.0	0.002571	355.15646	1.00000
410.0	0.002439	355.11237	1.00000
411.0	0.002433	355.06830	1.00000
408.0	0.002451	355.02420	1.00000
383.0	0.002611	354.98010	1.00000
394.0	0.002538	354.93600	1.00000
320.0	0.003125	354.89194	1.00000
370.0	0.002703	354.84784	1.00000
364.0	0.002747	354.80374	1.00000
402.0	0.002488	354.75967	1.00000
366.0	0.002732	354.71558	1.00000
390.0	0.002564	354.67151	1.00000
389.0	0.002571	354.62741	1.00000
341.0	0.002933	354.58331	1.00000
404.0	0.002475	354.53922	1.00000
333.0	0.003003	354.49515	1.00000
383.0	0.002611	354.45105	1.00000
433.0	0.002309	354.40695	1.00000
417.0	0.002398	354.36288	1.00000
421.0	0.002375	354.31879	1.00000
362.0	0.002762	354.27469	1.00000
408.0	0.002451	354.23059	1.00000
399.0	0.002506	354.18652	1.00000
345.0	0.002899	354.14243	1.00000
452.0	0.002212	354.09836	1.00000
369.0	0.002710	354.05426	1.00000
425.0	0.002353	354.01016	1.00000
368.0	0.002717	353.96609	1.00000
358.0	0.002793	353.92200	1.00000
352.0	0.002841	353.87790	1.00000
395.0	0.002532	353.83380	1.00000
375.0	0.002667	353.78973	1.00000
347.0	0.002882	353.74564	1.00000
386.0	0.002591	353.70154	1.00000

371.0	0.002695	353.65747	1.00000
390.0	0.002564	353.61337	1.00000
358.0	0.002793	353.56931	1.00000
386.0	0.002591	353.52521	1.00000
394.0	0.002538	353.48111	1.00000
370.0	0.002703	353.43701	1.00000
387.0	0.002584	353.39294	1.00000
384.0	0.002604	353.34885	1.00000
361.0	0.002770	353.30475	1.00000
414.0	0.002415	353.26068	1.00000
424.0	0.002358	353.21658	1.00000
390.0	0.002564	353.17249	1.00000
429.0	0.002331	353.12839	1.00000
435.0	0.002299	353.08432	1.00000
438.0	0.002283	353.04022	1.00000
406.0	0.002463	352.99615	1.00000
407.0	0.002457	352.95206	1.00000
406.0	0.002463	352.90796	1.00000
395.0	0.002532	352.86389	1.00000
432.0	0.002315	352.81979	1.00000
398.0	0.002513	352.77570	1.00000
400.0	0.002500	352.73160	1.00000
341.0	0.002933	352.68753	1.00000
389.0	0.002571	352.64343	1.00000
371.0	0.002695	352.59933	1.00000
372.0	0.002688	352.55527	1.00000
383.0	0.002611	352.51117	1.00000
387.0	0.002584	352.46710	1.00000
413.0	0.002421	352.42300	1.00000
395.0	0.002532	352.37891	1.00000
367.0	0.002725	352.33481	1.00000
402.0	0.002488	352.29074	1.00000
362.0	0.002762	352.24664	1.00000
461.0	0.002169	352.20255	1.00000
366.0	0.002732	352.15848	1.00000
406.0	0.002463	352.11438	1.00000
350.0	0.002857	352.07028	1.00000
373.0	0.002681	352.02618	1.00000
403.0	0.002481	351.98212	1.00000
393.0	0.002545	351.93802	1.00000
369.0	0.002710	351.89395	1.00000
413.0	0.002421	351.84985	1.00000
381.0	0.002625	351.80576	1.00000
378.0	0.002646	351.76169	1.00000
385.0	0.002597	351.71759	1.00000
390.0	0.002564	351.67349	5.04642
370.0	0.002703	351.62939	5.09150
421.0	0.002375	351.58533	5.13734
446.0	0.002242	351.54123	5.18395
377.0	0.002653	351.49713	5.23136
384.0	0.002604	351.45306	5.27957
351.0	0.002849	351.40897	5.32862
433.0	0.002309	351.36490	5.37851
388.0	0.002577	351.32080	5.42927

345.0	0.002899	351.27670	5.48092
346.0	0.002890	351.23260	5.53348
407.0	0.002457	351.18854	5.58696
368.0	0.002717	351.14444	5.64140
395.0	0.002532	351.10034	5.69681
419.0	0.002387	351.05627	5.75322
422.0	0.002370	351.01218	5.81065
385.0	0.002597	350.96808	5.86913
368.0	0.002717	350.92398	5.92868
393.0	0.002545	350.87991	5.98934
370.0	0.002703	350.83582	6.05111
418.0	0.002392	350.79175	6.11404
374.0	0.002674	350.74765	6.17816
398.0	0.002513	350.70355	6.24348
404.0	0.002475	350.65948	6.31005
392.0	0.002551	350.61539	6.37790
392.0	0.002551	350.57129	6.44705
394.0	0.002538	350.52719	6.51755
427.0	0.002342	350.48312	6.58942
358.0	0.002793	350.43903	6.66270
405.0	0.002469	350.39493	6.73744
386.0	0.002591	350.35086	6.81367
420.0	0.002381	350.30676	6.89142
411.0	0.002433	350.26270	6.97074
406.0	0.002463	350.21860	7.05168
382.0	0.002618	350.17450	7.13427
378.0	0.002646	350.13040	7.21856
385.0	0.002597	350.08633	7.30460
392.0	0.002551	350.04224	7.39244
390.0	0.002564	349.99814	7.48213
384.0	0.002604	349.95407	7.57372
355.0	0.002817	349.90997	7.66726
379.0	0.002639	349.86588	7.76281
335.0	0.002985	349.82178	7.86043
393.0	0.002545	349.77771	7.96017
375.0	0.002667	349.73361	8.06211
370.0	0.002703	349.68954	8.16630
383.0	0.002611	349.64545	8.27282
408.0	0.002451	349.60135	8.38172
375.0	0.002667	349.55728	8.49309
362.0	0.002762	349.51318	8.60700
345.0	0.002899	349.46909	8.72352
342.0	0.002924	349.42499	8.84274
383.0	0.002611	349.38092	8.96474
366.0	0.002732	349.33682	9.08961
353.0	0.002833	349.29272	9.21743
394.0	0.002538	349.24866	9.34831
405.0	0.002469	349.20456	9.48233
369.0	0.002710	349.16049	9.61961
397.0	0.002519	349.11639	9.76025
421.0	0.002375	349.07230	9.90436
385.0	0.002597	349.02820	10.05204
401.0	0.002494	348.98413	10.20343
384.0	0.002604	348.94003	10.35865

393.0	0.002545	348.89594	10.51783
394.0	0.002538	348.85187	10.68110
391.0	0.002558	348.80777	10.84860
376.0	0.002660	348.76367	11.02049
389.0	0.002571	348.71957	11.19691
441.0	0.002268	348.67551	11.37803
388.0	0.002577	348.63141	11.56401
389.0	0.002571	348.58734	11.75504
378.0	0.002646	348.54324	11.95129
364.0	0.002747	348.49915	12.15296
399.0	0.002506	348.45508	12.36024
381.0	0.002625	348.41098	12.57336
379.0	0.002639	348.36688	12.79252
432.0	0.002315	348.32278	13.01797
410.0	0.002439	348.27872	13.24993
352.0	0.002841	348.23462	13.48867
426.0	0.002347	348.19052	13.73446
371.0	0.002695	348.14645	13.98756
382.0	0.002618	348.10236	14.24828
389.0	0.002571	348.05829	14.51692
362.0	0.002762	348.01419	14.79381
375.0	0.002667	347.97009	15.07929
409.0	0.002445	347.92599	15.37371
390.0	0.002564	347.88193	15.67746
433.0	0.002309	347.83783	15.99093
381.0	0.002625	347.79373	16.31454
397.0	0.002519	347.74966	16.64873
379.0	0.002639	347.70557	16.99397
390.0	0.002564	347.66147	17.35075
400.0	0.002500	347.61737	17.71959
381.0	0.002625	347.57330	18.10103
412.0	0.002427	347.52921	18.49566
378.0	0.002646	347.48514	18.90410
381.0	0.002625	347.44104	19.32699
362.0	0.002762	347.39694	19.76503
354.0	0.002825	347.35287	20.21894
381.0	0.002625	347.30878	20.68949
360.0	0.002778	347.26468	21.17752
362.0	0.002762	347.22058	21.68390
385.0	0.002597	347.17651	22.20955
437.0	0.002288	347.13242	22.75546
389.0	0.002571	347.08832	23.32270
382.0	0.002618	347.04425	23.91238
389.0	0.002571	347.00015	24.52571
376.0	0.002660	346.95609	25.16395
365.0	0.002740	346.91199	25.82847
344.0	0.002907	346.86789	26.52075
402.0	0.002488	346.82379	27.24233
371.0	0.002695	346.77972	27.99490
398.0	0.002513	346.73563	28.78026
415.0	0.002410	346.69153	29.60032
440.0	0.002273	346.64746	30.45717
397.0	0.002519	346.60336	31.35303
371.0	0.002695	346.55927	32.29029



375.0	0.002667	346.51517	33.27156
376.0	0.002660	346.47110	34.29961
387.0	0.002584	346.42700	35.37747
354.0	0.002825	346.38293	36.50840
377.0	0.002653	346.33884	37.69592
405.0	0.002469	346.29474	38.94387
381.0	0.002625	346.25067	40.25641
434.0	0.002304	346.20657	41.63807
331.0	0.003021	346.16248	43.09375
373.0	0.002681	346.11838	44.62885
395.0	0.002532	346.07431	46.24921
359.0	0.002786	346.03021	47.96127
393.0	0.002545	345.98611	49.77203
392.0	0.002551	345.94205	51.68921
392.0	0.002551	345.89795	53.72129
411.0	0.002433	345.85388	55.87759
371.0	0.002695	345.80978	58.16842
392.0	0.002551	345.76569	60.60516
435.0	0.002299	345.72159	63.20040
420.0	0.002381	345.67752	65.96814
403.0	0.002481	345.63342	68.92395
380.0	0.002632	345.58932	72.08515
449.0	0.002227	345.54526	75.47115
440.0	0.002273	345.50116	79.10365
404.0	0.002475	345.45706	83.00701
434.0	0.002304	345.41296	87.20872
432.0	0.002315	345.36890	91.73975
414.0	0.002415	345.32480	96.63523
398.0	0.002513	345.28073	101.93501
403.0	0.002481	345.23663	107.68454
437.0	0.002288	345.19254	113.93576
425.0	0.002353	345.14847	120.74828
460.0	0.002174	345.10437	128.19077
458.0	0.002183	345.06027	136.34254
406.0	0.002463	345.01617	145.29575
458.0	0.002183	344.97211	155.15781
462.0	0.002165	344.92801	166.05450
534.0	0.001873	344.88391	178.13388
546.0	0.001832	344.83984	191.57104
487.0	0.002053	344.79575	206.57423
539.0	0.001855	344.75168	223.39247
544.0	0.001838	344.70758	242.32552
515.0	0.001942	344.66348	263.73657
575.0	0.001739	344.61938	288.06940
578.0	0.001730	344.57532	315.87094
614.0	0.001629	344.53122	347.82358
704.0	0.001420	344.48712	384.79089
708.0	0.001412	344.44305	427.88544
702.0	0.001425	344.39896	478.56842
803.0	0.001245	344.35486	538.79803
910.0	0.001099	344.31076	611.23785
998.0	0.001002	344.26669	699.53851
1106.0	0.000904	344.22260	808.68683
1313.0	0.000762	344.17853	945.39215

1337.0	0.000748	344.13443	1118.44849
1607.0	0.000622	344.09033	1338.96973
1763.0	0.000567	344.04626	1620.34753
2181.0	0.000459	344.00217	1977.66077
2494.0	0.000401	343.95807	2425.94580
2900.0	0.0003448	343.91397	2975.91504
3586.0	0.0002789	343.86990	3624.33203
4072.0	0.0002456	343.82581	4335.62354
4574.0	0.0002186	343.78171	5017.41064
5260.0	0.0001901	343.73764	5514.28418
5551.0	0.0001801	343.69354	5664.29004
5234.0	0.0001911	343.64948	5409.71484
5121.0	0.0001953	343.60538	4846.02881
4415.0	0.0002265	343.56128	4143.40283
3683.0	0.0002715	343.51718	3442.62964
3068.0	0.0003259	343.47311	2818.79883
2654.0	0.000377	343.42902	2296.50757
2161.0	0.000463	343.38492	1873.87317
1949.0	0.000513	343.34085	1538.37219
1619.0	0.000618	343.29675	1274.68054
1444.0	0.000693	343.25266	1068.06335
1221.0	0.000819	343.20856	905.70990
1063.0	0.000941	343.16449	777.13678
1024.0	0.000977	343.12039	674.13763
934.0	0.001071	343.07632	590.50110
821.0	0.001218	343.03223	521.63464
785.0	0.001274	342.98813	464.18292
712.0	0.001404	342.94406	415.69556
642.0	0.001558	342.89996	374.36465
666.0	0.001502	342.85587	338.83438
580.0	0.001724	342.81177	308.06699
577.0	0.001733	342.76770	281.25281
521.0	0.001919	342.72360	257.74948
550.0	0.001818	342.67950	237.04030
495.0	0.002020	342.63544	218.70499
541.0	0.001848	342.59134	202.39877
458.0	0.002183	342.54727	187.83659
477.0	0.002096	342.50317	174.78111
468.0	0.002137	342.45908	163.03369
494.0	0.002024	342.41498	152.42694
470.0	0.002128	342.37091	142.81921
451.0	0.002217	342.32681	134.08998
449.0	0.002227	342.28271	126.13620
468.0	0.002137	342.23865	118.86935
435.0	0.002299	342.19455	112.21312
404.0	0.002475	342.15045	106.10144
427.0	0.002342	342.10635	100.47688
399.0	0.002506	342.06229	95.28933
455.0	0.002198	342.01819	90.49493
361.0	0.002770	341.97412	86.05515
390.0	0.002564	341.93002	81.93604
454.0	0.002203	341.88593	78.10759
396.0	0.002525	341.84186	74.54324
457.0	0.002188	341.79776	71.21932

397.0	0.002519	341.75366	68.11481
399.0	0.002506	341.70956	65.21088
377.0	0.002653	341.66550	62.49067
412.0	0.002427	341.62140	59.93910
357.0	0.002801	341.57730	57.54253
454.0	0.002203	341.53323	55.28871
371.0	0.002695	341.48914	53.16656
394.0	0.002538	341.44507	51.16606
398.0	0.002513	341.40097	49.27811
343.0	0.002915	341.35687	47.49445
427.0	0.002342	341.31277	45.80756
403.0	0.002481	341.26871	44.21058
375.0	0.002667	341.22461	42.69726
392.0	0.002551	341.18051	41.26186
370.0	0.002703	341.13644	39.89914
408.0	0.002451	341.09235	38.60427
430.0	0.002326	341.04825	37.37286
400.0	0.002500	341.00415	36.20083
369.0	0.002710	340.96008	35.08442
380.0	0.002632	340.91599	34.02018
412.0	0.002427	340.87192	33.00491
379.0	0.002639	340.82782	32.03566
401.0	0.002494	340.78372	31.10970
372.0	0.002688	340.73965	30.22450
368.0	0.002717	340.69556	29.37769
364.0	0.002747	340.65146	28.56710
378.0	0.002646	340.60736	27.79069
349.0	0.002865	340.56329	27.04657
373.0	0.002681	340.51920	26.33297
402.0	0.002488	340.47510	25.64826
372.0	0.002688	340.43103	24.99089
427.0	0.002342	340.38693	24.35944
411.0	0.002433	340.34286	23.75256
416.0	0.002404	340.29877	23.16899
392.0	0.002551	340.25467	22.60755
406.0	0.002463	340.21057	22.06715
418.0	0.002392	340.16650	21.54675
358.0	0.002793	340.12241	21.04536
324.0	0.003086	340.07831	20.56208
375.0	0.002667	340.03424	20.09606
389.0	0.002571	339.99014	19.64646
357.0	0.002801	339.94604	19.21255
419.0	0.002387	339.90195	18.79358
374.0	0.002674	339.85788	18.38890
386.0	0.002591	339.81378	17.99784
357.0	0.002801	339.76971	17.61982
379.0	0.002639	339.72562	17.25426
352.0	0.002841	339.68152	16.90061
415.0	0.002410	339.63745	16.55837
400.0	0.002500	339.59335	16.22705
356.0	0.002809	339.54926	15.90620
390.0	0.002564	339.50516	15.59537
415.0	0.002410	339.46109	15.29415
407.0	0.002457	339.41699	15.00215

370.0	0.002703	339.37289	14.71900
366.0	0.002732	339.32883	14.44435
343.0	0.002915	339.28473	14.17785
411.0	0.002433	339.24066	13.91920
359.0	0.002786	339.19656	13.66808
372.0	0.002688	339.15247	13.42420
416.0	0.002404	339.10837	13.18730
349.0	0.002865	339.06430	12.95710
414.0	0.002415	339.02020	12.73336
354.0	0.002825	338.97610	12.51583
407.0	0.002457	338.93204	12.30430
398.0	0.002513	338.88794	12.09853
367.0	0.002725	338.84384	11.89833
396.0	0.002525	338.79974	11.70350
411.0	0.002433	338.75568	11.51383
406.0	0.002463	338.71158	11.32917
375.0	0.002667	338.66751	11.14932
378.0	0.002646	338.62341	10.97412
368.0	0.002717	338.57932	10.80342
396.0	0.002525	338.53525	10.63706
345.0	0.002899	338.49115	10.47490
374.0	0.002674	338.44705	10.31680
372.0	0.002688	338.40295	10.16261
387.0	0.002584	338.35889	10.01222
391.0	0.002558	338.31479	9.86551
408.0	0.002451	338.27069	9.72234
384.0	0.002604	338.22662	9.58261
384.0	0.002604	338.18253	9.44621
379.0	0.002639	338.13846	9.31303
396.0	0.002525	338.09436	9.18298
396.0	0.002525	338.05026	9.05595
375.0	0.002667	338.00616	8.93186
384.0	0.002604	337.96210	8.81061
420.0	0.002381	337.91800	8.69212
361.0	0.002770	337.87390	8.57631
393.0	0.002545	337.82983	8.46309
391.0	0.002558	337.78574	8.35238
355.0	0.002817	337.74164	8.24412
367.0	0.002725	337.69754	8.13824
378.0	0.002646	337.65347	8.03465
359.0	0.002786	337.60938	7.93331
433.0	0.002309	337.56531	7.83414
372.0	0.002688	337.52121	7.73708
378.0	0.002646	337.47711	7.64207
389.0	0.002571	337.43304	7.54905
374.0	0.002674	337.38895	7.45798
350.0	0.002857	337.34485	7.36879
381.0	0.002625	337.30075	7.28144
377.0	0.002653	337.25668	7.19587
353.0	0.002833	337.21259	7.11203
358.0	0.002793	337.16849	7.02989
371.0	0.002695	337.12442	6.94939
373.0	0.002681	337.08032	6.87049
342.0	0.002924	337.03625	6.79315

366.0	0.002732	336.99216	6.71733
370.0	0.002703	336.94806	6.64298
360.0	0.002778	336.90396	6.57008
353.0	0.002833	336.85989	6.49858
341.0	0.002933	336.81580	6.42844
374.0	0.002674	336.77170	6.35964
354.0	0.002825	336.72763	6.29214
370.0	0.002703	336.68353	6.22590
366.0	0.002732	336.63943	6.16091
384.0	0.002604	336.59534	6.09711
376.0	0.002660	336.55127	6.03449
400.0	0.002500	336.50717	5.97302
365.0	0.002740	336.46310	5.91266
340.0	0.002941	336.41901	5.85340
373.0	0.002681	336.37491	5.79521
336.0	0.002976	336.33084	5.73805
384.0	0.002604	336.28674	5.68191
416.0	0.002404	336.24265	5.62676
366.0	0.002732	336.19855	5.57258
346.0	0.002890	336.15448	5.51934
377.0	0.002653	336.11038	5.46703
352.0	0.002841	336.06628	5.41562
400.0	0.002500	336.02222	5.36510
376.0	0.002660	335.97812	5.31543
388.0	0.002577	335.93405	5.26661
367.0	0.002725	335.88995	5.21861
401.0	0.002494	335.84586	5.17142
355.0	0.002817	335.80176	5.12501
368.0	0.002717	335.75769	5.07938
384.0	0.002604	335.71359	1.00000
339.0	0.002950	335.66949	1.00000
413.0	0.002421	335.62543	1.00000
354.0	0.002825	335.58133	1.00000
381.0	0.002625	335.53723	1.00000
352.0	0.002841	335.49313	1.00000
360.0	0.002778	335.44907	1.00000
377.0	0.002653	335.40497	1.00000
336.0	0.002976	335.36090	1.00000
321.0	0.003115	335.31680	1.00000
339.0	0.002950	335.27271	1.00000
351.0	0.002849	335.22864	1.00000
353.0	0.002833	335.18454	1.00000
411.0	0.002433	335.14044	1.00000
378.0	0.002646	335.09634	1.00000
404.0	0.002475	335.05228	1.00000
395.0	0.002532	335.00818	1.00000
432.0	0.002315	334.96408	1.00000
356.0	0.002809	334.92001	1.00000
368.0	0.002717	334.83813	1.00000
368.0	0.002717	334.75626	1.00000
386.0	0.002591	334.67438	1.00000
348.0	0.002874	334.59253	1.00000
354.0	0.002825	334.51065	1.00000
347.0	0.002882	334.42877	1.00000

331.0	0.003021	334.34692	6.26684
391.0	0.002558	334.26505	6.32533
369.0	0.002710	334.18320	6.38480
385.0	0.002597	334.10129	6.44527
370.0	0.002703	334.01944	6.50677
377.0	0.002653	333.93756	6.56931
372.0	0.002688	333.85571	6.63293
368.0	0.002717	333.77380	6.69764
295.0	0.003390	333.69196	6.76347
385.0	0.002597	333.61011	6.83045
357.0	0.002801	333.52823	6.89860
399.0	0.002506	333.44635	6.96796
376.0	0.002660	333.36447	7.03854
401.0	0.002494	333.28262	7.11039
390.0	0.002564	333.20071	7.18352
396.0	0.002525	333.11887	7.25797
360.0	0.002778	333.03699	7.33378
377.0	0.002653	332.95514	7.41097
392.0	0.002551	332.87326	7.48958
466.0	0.002146	332.79138	7.56965
342.0	0.002924	332.70953	7.65120
403.0	0.002481	332.62766	7.73429
386.0	0.002591	332.54578	7.81893
342.0	0.002924	332.46390	7.90519
391.0	0.002558	332.38205	7.99309
375.0	0.002667	332.30020	8.08268
386.0	0.002591	332.21829	8.17400
399.0	0.002506	332.13644	8.26710
408.0	0.002451	332.05457	8.36202
407.0	0.002457	331.97272	8.45881
366.0	0.002732	331.89081	8.55753
370.0	0.002703	331.80896	8.65821
389.0	0.002571	331.72708	8.76092
380.0	0.002632	331.64520	8.86571
370.0	0.002703	331.56335	8.97264
357.0	0.002801	331.48148	9.08176
400.0	0.002500	331.39963	9.19313
307.0	0.003257	331.31772	9.30682
355.0	0.002817	331.23587	9.42289
383.0	0.002611	331.15399	9.54142
375.0	0.002667	331.07214	9.66246
373.0	0.002681	330.99023	9.78609
411.0	0.002433	330.90839	9.91238
342.0	0.002924	330.82654	10.04142
364.0	0.002747	330.74466	10.17327
397.0	0.002519	330.66278	10.30803
429.0	0.002331	330.58090	10.44579
392.0	0.002551	330.49905	10.58662
375.0	0.002667	330.41718	10.73062
349.0	0.002865	330.33530	10.87789
368.0	0.002717	330.25345	11.02852
386.0	0.002591	330.17157	11.18263
329.0	0.003040	330.08972	11.34031
341.0	0.002933	330.00781	11.50169

398.0	0.002513	329.92596	11.66686
379.0	0.002639	329.84409	11.83597
379.0	0.002639	329.76221	12.00912
418.0	0.002392	329.68033	12.18646
421.0	0.002375	329.59848	12.36811
371.0	0.002695	329.51663	12.55422
386.0	0.002591	329.43472	12.74494
384.0	0.002604	329.35287	12.94041
363.0	0.002755	329.27100	13.14080
367.0	0.002725	329.18915	13.34627
351.0	0.002849	329.10724	13.55701
381.0	0.002625	329.02539	13.77318
353.0	0.002833	328.94351	13.99497
390.0	0.002564	328.86166	14.22259
407.0	0.002457	328.77979	14.45624
380.0	0.002632	328.69791	14.69613
362.0	0.002762	328.61606	14.94249
372.0	0.002688	328.53418	15.19555
369.0	0.002710	328.45230	15.45556
422.0	0.002370	328.37042	15.72277
371.0	0.002695	328.28857	15.99746
406.0	0.002463	328.20670	16.27989
399.0	0.002506	328.12482	16.57038
378.0	0.002646	328.04297	16.86922
390.0	0.002564	327.96109	17.17673
368.0	0.002717	327.87921	17.49327
384.0	0.002604	327.79733	17.81918
396.0	0.002525	327.71548	18.15484
411.0	0.002433	327.63361	18.50064
391.0	0.002558	327.55173	18.85698
372.0	0.002688	327.46988	19.22432
331.0	0.003021	327.38800	19.60309
403.0	0.002481	327.30615	19.99378
365.0	0.002740	327.22424	20.39690
424.0	0.002358	327.14240	20.81297
403.0	0.002481	327.06052	21.24256
371.0	0.002695	326.97867	21.68626
347.0	0.002882	326.89676	22.14469
388.0	0.002577	326.81491	22.61852
322.0	0.003106	326.73306	23.10843
399.0	0.002506	326.65115	23.61516
381.0	0.002625	326.56931	24.13949
391.0	0.002558	326.48743	24.68225
384.0	0.002604	326.40558	25.24430
384.0	0.002604	326.32367	25.82658
383.0	0.002611	326.24182	26.43005
377.0	0.002653	326.15997	27.05577
385.0	0.002597	326.07809	27.70484
366.0	0.002732	325.99622	28.37842
390.0	0.002564	325.91434	29.07778
374.0	0.002674	325.83249	29.80423
344.0	0.002907	325.75061	30.55920
392.0	0.002551	325.66873	31.34419
349.0	0.002865	325.58685	32.16082

393.0	0.002545	325.50500	33.01081
420.0	0.002381	325.42316	33.89598
401.0	0.002494	325.34125	34.81832
448.0	0.002232	325.25940	35.77992
370.0	0.002703	325.17752	36.78304
421.0	0.002375	325.09564	37.83011
382.0	0.002618	325.01376	38.92371
414.0	0.002415	324.93192	40.06665
373.0	0.002681	324.85004	41.26192
421.0	0.002375	324.76816	42.51278
394.0	0.002538	324.68631	43.82270
418.0	0.002392	324.60443	45.19545
400.0	0.002500	324.52258	46.63512
376.0	0.002660	324.44067	48.14611
370.0	0.002703	324.35883	49.73320
392.0	0.002551	324.27695	51.40156
378.0	0.002646	324.19510	53.15683
414.0	0.002415	324.11322	55.00513
437.0	0.002288	324.03134	56.95313
433.0	0.002309	323.94949	59.00811
468.0	0.002137	323.86761	61.17802
394.0	0.002538	323.78574	63.47157
374.0	0.002674	323.70386	65.89828
472.0	0.002119	323.62201	68.46864
426.0	0.002347	323.54010	71.19417
414.0	0.002415	323.45825	74.08755
428.0	0.002336	323.37640	77.16278
439.0	0.002278	323.29453	80.43538
417.0	0.002398	323.21265	83.92252
442.0	0.002262	323.13077	87.64325
435.0	0.002299	323.04892	91.61883
447.0	0.002237	322.96704	95.87292
431.0	0.002320	322.88516	100.43202
445.0	0.002247	322.80328	105.32581
480.0	0.002083	322.72144	110.58767
486.0	0.002058	322.63959	116.25517
466.0	0.002146	322.55768	122.37085
472.0	0.002119	322.47583	128.98282
452.0	0.002212	322.39395	136.14586
515.0	0.001942	322.31210	143.92244
497.0	0.002012	322.23019	152.38400
503.0	0.001988	322.14835	161.61264
517.0	0.001934	322.06650	171.70300
524.0	0.001908	321.98462	182.76457
625.0	0.001600	321.90274	194.92464
499.0	0.002004	321.82086	208.33171
583.0	0.001715	321.73901	223.15996
585.0	0.001709	321.65710	239.61453
656.0	0.001524	321.57526	257.93845
644.0	0.001553	321.49338	278.42096
662.0	0.001511	321.41153	301.40866
683.0	0.001464	321.32965	327.31958
741.0	0.001350	321.24777	356.66183
831.0	0.001203	321.16592	390.05914



851.0	0.001175	321.08405	428.28595
930.0	0.001075	321.00217	472.31833
945.0	0.001058	320.92029	523.40765
1061.0	0.000943	320.83844	583.18866
1249.0	0.000801	320.75656	653.83405
1303.0	0.000767	320.67468	738.26990
1439.0	0.000695	320.59283	840.45703
1555.0	0.000643	320.51096	965.73187
1823.0	0.000549	320.42911	1121.17700
2065.0	0.000484	320.34720	1315.96130
2275.0	0.000440	320.26535	1561.55872
2772.0	0.000361	320.18347	1871.71680
3131.0	0.0003194	320.10159	2261.95483
3818.0	0.0002619	320.01974	2748.14404
4250.0	0.0002353	319.93787	3343.12646
4832.0	0.0002070	319.85602	4049.24634
5637.0	0.0001774	319.77411	4843.67480
6558.0	0.0001525	319.69226	5655.87158
7149.0	0.0001399	319.61038	6349.82422
8002.0	0.0001250	319.52853	6746.86621
8185.0	0.0001222	319.44662	6715.42529
7809.0	0.0001281	319.36478	6266.74561
7417.0	0.0001348	319.28293	5545.88867
6687.0	0.0001495	319.20105	4729.54297
5489.0	0.0001822	319.11917	3944.55005
4956.0	0.0002018	319.03729	3253.34570
4044.0	0.0002473	318.95544	2674.03296
3435.0	0.0002911	318.87357	2202.12036
2902.0	0.0003446	318.79169	1824.01941
2682.0	0.000373	318.70981	1523.76611
2294.0	0.000436	318.62796	1286.03137
2002.0	0.000500	318.54611	1097.36877
1695.0	0.000590	318.46420	946.63110
1558.0	0.000642	318.38235	824.95764
1399.0	0.000715	318.30048	725.53137
1168.0	0.000856	318.21860	643.22961
1103.0	0.000907	318.13672	574.25525
1002.0	0.000998	318.05487	515.80267
930.0	0.001075	317.97302	465.78552
868.0	0.001152	317.89111	422.63071
825.0	0.001212	317.80927	385.13083
763.0	0.001311	317.72739	352.34167
700.0	0.001429	317.64554	323.51245
616.0	0.001623	317.56363	298.03745
624.0	0.001603	317.48178	275.42242
592.0	0.001689	317.39990	255.26035
554.0	0.001805	317.31805	237.21338
521.0	0.001919	317.23618	220.99927
622.0	0.001608	317.15430	206.38078
566.0	0.001767	317.07245	193.15744
546.0	0.001832	316.99057	181.15898
487.0	0.002053	316.90869	170.24005
487.0	0.002053	316.82681	160.27609
494.0	0.002024	316.74496	151.15981

511.0	0.001957	316.66306	142.79845
462.0	0.002165	316.58121	135.11153
472.0	0.002119	316.49936	128.02888
454.0	0.002203	316.41748	121.48926
426.0	0.002347	316.33560	115.43885
419.0	0.002387	316.25372	109.83035
434.0	0.002304	316.17188	104.62198
446.0	0.002242	316.09000	99.77678
435.0	0.002299	316.00812	95.26192
431.0	0.002320	315.92627	91.04819
423.0	0.002364	315.84439	87.10952
416.0	0.002404	315.76254	83.42259
392.0	0.002551	315.68063	79.96648
401.0	0.002494	315.59879	76.72240
429.0	0.002331	315.51691	73.67342
399.0	0.002506	315.43506	70.80426
432.0	0.002315	315.35315	68.10111
417.0	0.002398	315.27130	65.55145
424.0	0.002358	315.18945	63.14391
385.0	0.002597	315.10754	60.86816
374.0	0.002674	315.02570	58.71478
390.0	0.002564	314.94382	56.67519
419.0	0.002387	314.86197	54.74152
420.0	0.002381	314.78006	52.90657
398.0	0.002513	314.69821	51.16379
388.0	0.002577	314.61633	49.50709
412.0	0.002427	314.53448	47.93092
456.0	0.002193	314.45261	46.43015
410.0	0.002439	314.37073	45.00007
382.0	0.002618	314.28888	45.49103
385.0	0.002597	314.20700	44.21022
394.0	0.002538	314.12512	42.98833
394.0	0.002538	314.04324	41.82191
369.0	0.002710	313.96140	40.70776
425.0	0.002353	313.87955	39.64291
412.0	0.002427	313.79764	38.62460
450.0	0.002222	313.71579	37.65028
386.0	0.002591	313.63391	36.71754
369.0	0.002710	313.55203	35.82419
424.0	0.002358	313.47015	34.96812
343.0	0.002915	313.38831	34.14741
418.0	0.002392	313.30643	33.36024
397.0	0.002519	313.22455	32.60493
435.0	0.002299	313.14270	31.87988
425.0	0.002353	313.06082	31.18361
386.0	0.002591	312.97897	30.51472
416.0	0.002404	312.89706	29.87192
387.0	0.002584	312.81522	29.25398
413.0	0.002421	312.73334	28.65974
367.0	0.002725	312.65149	28.08812
370.0	0.002703	312.56958	27.53811
346.0	0.002890	312.48773	27.00874
395.0	0.002532	312.40588	26.49911
364.0	0.002747	312.32401	26.00837

379.0	0.002639	312.24213	25.53572
356.0	0.002809	312.16025	25.08041
391.0	0.002558	312.07840	24.64171
396.0	0.002525	311.99649	24.21896
383.0	0.002611	311.91464	23.81151
344.0	0.002907	311.83279	23.41877
365.0	0.002740	311.75092	23.04017
408.0	0.002451	311.66904	22.67517
397.0	0.002519	311.58716	22.32326
382.0	0.002618	311.50531	21.98396
411.0	0.002433	311.42343	21.65681
378.0	0.002646	311.34155	21.34139
381.0	0.002625	311.25967	21.03728
356.0	0.002809	311.17783	20.74411
385.0	0.002597	311.09598	20.46150
359.0	0.002786	311.01407	20.18911
419.0	0.002387	310.93222	23.55478
379.0	0.002639	310.85034	23.34222
391.0	0.002558	310.76849	23.13963
393.0	0.002545	310.68658	22.94674
364.0	0.002747	310.60474	22.76330
366.0	0.002732	310.52286	22.58908
366.0	0.002732	310.44101	22.42386
390.0	0.002564	310.35913	22.26745
365.0	0.002740	310.27725	22.11964
384.0	0.002604	310.19540	21.98026
393.0	0.002545	310.11349	21.84914
402.0	0.002488	310.03165	21.72612
347.0	0.002882	309.94977	21.61106
361.0	0.002770	309.86792	21.50383
380.0	0.002632	309.78604	21.40430
365.0	0.002740	309.70416	21.31236
396.0	0.002525	309.62231	21.22790
411.0	0.002433	309.54044	21.15083
346.0	0.002890	309.45856	21.08107
337.0	0.002967	309.37668	21.01855
409.0	0.002445	309.29483	20.96319
358.0	0.002793	309.21295	20.91493
376.0	0.002660	309.13107	20.87373
383.0	0.002611	309.04922	20.83956
382.0	0.002618	308.96735	20.81237
401.0	0.002494	308.88550	20.79214
346.0	0.002890	308.80359	20.77887
410.0	0.002439	308.72174	20.77253
379.0	0.002639	308.63986	20.77314
384.0	0.002604	308.55798	20.78071
343.0	0.002915	308.47610	20.79526
388.0	0.002577	308.39426	20.81681
370.0	0.002703	308.31241	20.84540
366.0	0.002732	308.23050	20.88107
394.0	0.002538	308.14865	20.92389
390.0	0.002564	308.06677	20.97391
380.0	0.002632	307.98492	21.03121
324.0	0.003086	307.90302	21.09587

392.0	0.002551	307.82117	21.16798
399.0	0.002506	307.73932	21.24765
349.0	0.002865	307.65744	21.33499
368.0	0.002717	307.57556	21.43013
387.0	0.002584	307.49368	21.53319
364.0	0.002747	307.41183	21.64433
335.0	0.002985	307.32996	21.76371
343.0	0.002915	307.24808	21.89149
371.0	0.002695	307.16620	22.02787
390.0	0.002564	307.08435	22.17304
422.0	0.002370	307.00250	22.32721
403.0	0.002481	306.92059	22.49062
335.0	0.002985	306.83875	22.66351
378.0	0.002646	306.75687	22.84614
385.0	0.002597	306.67499	23.03879
341.0	0.002933	306.59311	23.24177
346.0	0.002890	306.51126	23.45537
327.0	0.003058	306.42938	23.67996
388.0	0.002577	306.34750	23.91588
383.0	0.002611	306.26566	24.16352
363.0	0.002755	306.18378	24.42330
365.0	0.002740	306.10193	24.69565
440.0	0.002273	306.02002	24.98104
408.0	0.002451	305.93817	25.27996
359.0	0.002786	305.85629	25.59294
385.0	0.002597	305.77444	25.92055
382.0	0.002618	305.69257	26.26339
365.0	0.002740	305.61069	26.62210
366.0	0.002732	305.52884	26.99736
367.0	0.002725	305.44693	27.38992
386.0	0.002591	305.36508	27.80054
370.0	0.002703	305.28320	28.23008
399.0	0.002506	305.20135	28.67941
392.0	0.002551	305.11945	29.14950
363.0	0.002755	305.03760	29.64137
369.0	0.002710	304.95575	30.15613
354.0	0.002825	304.87387	30.69496
425.0	0.002353	304.79199	31.25911
350.0	0.002857	304.71011	26.53285
374.0	0.002674	304.62827	27.21021
338.0	0.002959	304.54639	27.91636
392.0	0.002551	304.46451	28.65302
369.0	0.002710	304.38263	29.42205
391.0	0.002558	304.30078	30.22545
389.0	0.002571	304.21893	31.06540
369.0	0.002710	304.13702	31.94424
370.0	0.002703	304.05518	32.86451
331.0	0.003021	303.97330	33.82899
429.0	0.002331	303.89145	34.84068
338.0	0.002959	303.80954	35.90285
412.0	0.002427	303.72769	37.01907
409.0	0.002445	303.64584	38.19324
336.0	0.002976	303.56393	39.42962
458.0	0.002183	303.48209	40.73291

379.0	0.002639	303.40021	42.10823
385.0	0.002597	303.31836	43.56125
436.0	0.002294	303.23645	45.09821
376.0	0.002660	303.15460	46.72601
376.0	0.002660	303.07272	48.45227
352.0	0.002841	302.99088	50.28550
406.0	0.002463	302.90900	52.23512
374.0	0.002674	302.82712	54.31165
414.0	0.002415	302.74527	56.52687
423.0	0.002364	302.66339	58.89399
385.0	0.002597	302.58151	61.42786
433.0	0.002309	302.49963	64.14521
398.0	0.002513	302.41779	67.06499
431.0	0.002320	302.33591	70.20872
425.0	0.002353	302.25403	73.60088
377.0	0.002653	302.17218	77.26945
422.0	0.002370	302.09030	81.24654
416.0	0.002404	302.00842	85.56914
423.0	0.002364	301.92654	90.27998
400.0	0.002500	301.84470	95.42871
419.0	0.002387	301.76282	101.07325
393.0	0.002545	301.68094	107.28146
431.0	0.002320	301.59909	114.13332
440.0	0.002273	301.51721	121.72355
482.0	0.002075	301.43536	130.16502
483.0	0.002070	301.35345	139.59319
490.0	0.002041	301.27161	150.17177
465.0	0.002151	301.18973	162.10075
563.0	0.001776	301.10788	175.62718
509.0	0.001965	301.02597	191.06070
530.0	0.001887	300.94412	208.79616
572.0	0.001748	300.86227	229.34593
644.0	0.001553	300.78040	253.38625
651.0	0.001536	300.69852	281.82040
655.0	0.001527	300.61664	315.86084
806.0	0.001241	300.53479	357.12781
786.0	0.001272	300.45288	407.75616
855.0	0.001170	300.37103	470.49411
916.0	0.001092	300.28915	548.76947
1012.0	0.000988	300.20731	646.68817
1169.0	0.000855	300.12543	768.91205
1356.0	0.000737	300.04355	920.30762
1426.0	0.000701	299.96170	1105.12390
1647.0	0.000607	299.87982	1325.19409
1849.0	0.000541	299.79794	1576.33997
2048.0	0.000488	299.71606	1842.41321
2192.0	0.000456	299.63422	2088.90601
2311.0	0.000433	299.55237	2264.03101
2382.0	0.000420	299.47046	2317.81641
2425.0	0.000412	299.38861	2233.29980
2232.0	0.000448	299.30673	2039.34692
2073.0	0.000482	299.22488	1789.50793
1788.0	0.000559	299.14297	1531.83984
1616.0	0.000619	299.06113	1295.38037

1387.0	0.000721	298.97925	1092.30286
1242.0	0.000805	298.89740	924.67584
1115.0	0.000897	298.81552	789.79095
976.0	0.001025	298.73364	683.17041
935.0	0.001070	298.65179	600.02490
845.0	0.001183	298.56989	535.91028
829.0	0.001206	298.48804	487.00107
862.0	0.001160	298.40616	450.17435
783.0	0.001277	298.32431	422.99112
794.0	0.001259	298.24240	403.62234
757.0	0.001321	298.16055	390.75064
696.0	0.001437	298.07870	383.47092
717.0	0.001395	297.99683	381.20364
727.0	0.001376	297.91495	383.62878
708.0	0.001412	297.83307	390.64175
761.0	0.001314	297.75122	402.33124
801.0	0.001248	297.66934	418.97775
771.0	0.001297	297.58746	441.07404
809.0	0.001236	297.50562	469.36923
882.0	0.001134	297.42374	504.94238
922.0	0.001085	297.34189	549.30994
932.0	0.001073	297.25998	604.57062
1073.0	0.000932	297.17813	673.58423
1223.0	0.000818	297.09625	760.17017
1329.0	0.000752	297.01437	869.29834
1459.0	0.000685	296.93250	1007.22705
1701.0	0.000588	296.85065	1181.52893
1811.0	0.000552	296.76880	1400.91040
2109.0	0.000474	296.68689	1674.65332
2400.0	0.000417	296.60504	2011.28845
2659.0	0.000376	296.52316	2415.67334
3172.0	0.0003153	296.44131	2883.02686
3494.0	0.0002862	296.35941	3388.53442
3875.0	0.0002581	296.27756	3874.57104
4298.0	0.0002327	296.19568	4247.62549
4369.0	0.0002289	296.11383	4405.83740
4222.0	0.0002369	296.03195	4296.97852
3927.0	0.0002546	295.95007	3956.64282
3520.0	0.0002841	295.86823	3481.64990
3097.0	0.0003229	295.78635	2970.70630
2723.0	0.000367	295.70447	2489.13965
2482.0	0.000403	295.62259	2067.42285
2117.0	0.000472	295.54074	1713.38696
1839.0	0.000544	295.45886	1423.48999
1686.0	0.000593	295.37698	1189.60266
1592.0	0.000628	295.29514	1002.41473
1348.0	0.000742	295.21326	852.99780
1202.0	0.000832	295.13138	733.47693
1116.0	0.000896	295.04950	637.26794
1036.0	0.000965	294.96765	559.08350
962.0	0.001040	294.88577	494.81003
918.0	0.001089	294.80389	441.32108
865.0	0.001156	294.72205	396.27466
777.0	0.001287	294.64017	357.92505

703.0	0.001422	294.55832	324.96518
729.0	0.001372	294.47641	296.40521
655.0	0.001527	294.39456	271.48297
639.0	0.001565	294.31268	249.60135
633.0	0.001580	294.23083	230.28448
573.0	0.001745	294.14893	213.14772
565.0	0.001770	294.06708	197.87631
542.0	0.001845	293.98523	184.21028
469.0	0.002132	293.90332	171.93318
563.0	0.001776	293.82147	160.86359
502.0	0.001992	293.73959	150.84859
502.0	0.001992	293.65775	141.75848
495.0	0.002020	293.57584	133.48282
492.0	0.002033	293.49399	125.92705
466.0	0.002146	293.41214	119.00991
458.0	0.002183	293.33026	112.66121
444.0	0.002252	293.24838	106.82011
467.0	0.002141	293.16650	101.43370
424.0	0.002358	293.08466	96.45576
433.0	0.002309	293.00278	91.84580
467.0	0.002141	292.92090	87.56819
440.0	0.002273	292.83902	83.59155
442.0	0.002262	292.75717	79.88809
394.0	0.002538	292.67532	76.43316
416.0	0.002404	292.59341	73.20484
426.0	0.002347	292.51157	70.18359
477.0	0.002096	292.42969	67.35190
420.0	0.002381	292.34784	64.69411
429.0	0.002331	292.26593	62.19613
404.0	0.002475	292.18408	59.84528
405.0	0.002469	292.10220	57.63012
381.0	0.002625	292.02032	55.54029
394.0	0.002538	291.93848	53.56643
415.0	0.002410	291.85660	51.70002
385.0	0.002597	291.77475	49.93331
414.0	0.002415	291.69284	48.25926
396.0	0.002525	291.61099	46.67142
434.0	0.002304	291.52911	45.16391
355.0	0.002817	291.44727	43.73134
386.0	0.002591	291.36539	42.36877
371.0	0.002695	291.28351	41.07166
401.0	0.002494	291.20166	39.83583
402.0	0.002488	291.11978	38.65745
377.0	0.002653	291.03790	37.53295
401.0	0.002494	290.95602	36.45908
386.0	0.002591	290.87418	35.43279
365.0	0.002740	290.79230	34.45128
412.0	0.002427	290.71042	33.51196
408.0	0.002451	290.62857	32.61242
419.0	0.002387	290.54669	31.75040
388.0	0.002577	290.46481	30.92384
390.0	0.002564	290.38293	30.13078
377.0	0.002653	290.30109	29.36943
373.0	0.002681	290.21921	28.63808

383.0	0.002611	290.13733	27.93518
363.0	0.002755	290.05545	27.25924
403.0	0.002481	289.97360	26.60888
376.0	0.002660	289.89175	25.98281
394.0	0.002538	289.80984	25.37984
383.0	0.002611	289.72800	24.79881
373.0	0.002681	289.64612	24.23867
398.0	0.002513	289.56427	23.69842
334.0	0.002994	289.48236	23.17710
328.0	0.003049	289.40051	22.67385
366.0	0.002732	289.31866	22.18782
353.0	0.002833	289.23679	21.71823
385.0	0.002597	289.15491	21.26433
382.0	0.002618	289.07303	20.82543
366.0	0.002732	288.99118	20.40087
391.0	0.002558	288.90927	19.99001
370.0	0.002703	288.82742	19.59228
370.0	0.002703	288.74554	19.20711
366.0	0.002732	288.66370	18.83397
417.0	0.002398	288.58182	18.47235
405.0	0.002469	288.49994	18.12180
383.0	0.002611	288.41809	17.78184
383.0	0.002611	288.33621	17.45207
342.0	0.002924	288.25433	17.13206
456.0	0.002193	288.17245	16.82143
401.0	0.002494	288.09061	16.51982
386.0	0.002591	288.00873	16.22688
364.0	0.002747	287.92685	15.94227
380.0	0.002632	287.84500	15.66568
309.0	0.003236	287.76312	15.39680
401.0	0.002494	287.68127	15.13535
383.0	0.002611	287.59937	14.88106
410.0	0.002439	287.51752	14.63366
369.0	0.002710	287.43564	14.39291
397.0	0.002519	287.35376	14.15856
364.0	0.002747	287.27191	13.93038
383.0	0.002611	287.19003	13.70817
392.0	0.002551	287.10818	13.49171
368.0	0.002717	287.02628	13.28081
352.0	0.002841	286.94443	13.07527
391.0	0.002558	286.86255	12.87491
386.0	0.002591	286.78070	12.67955
365.0	0.002740	286.69879	12.48904
366.0	0.002732	286.61694	12.30321
432.0	0.002315	286.53510	12.12190
422.0	0.002370	286.45322	11.94498
353.0	0.002833	286.37134	17.61240
326.0	0.003067	286.28946	17.50899
365.0	0.002740	286.20761	17.41064
380.0	0.002632	286.12573	17.31727
376.0	0.002660	286.04385	17.22877
366.0	0.002732	285.96198	17.14505
376.0	0.002660	285.88013	17.06604
360.0	0.002778	285.79828	16.99165



385.0	0.002597	285.71637	16.92180
386.0	0.002591	286.77942	16.85643
409.0	0.002445	288.12903	16.79548
335.0	0.002985	289.47815	16.73888
373.0	0.002681	290.82776	16.68658
381.0	0.002625	292.17688	16.63852
343.0	0.002915	293.52600	16.59466
415.0	0.002410	294.87561	16.55496
366.0	0.002732	296.22473	16.51936
379.0	0.002639	297.57437	16.48785
354.0	0.002825	298.92346	16.46038
394.0	0.002538	300.27310	16.43692
354.0	0.002825	301.62222	16.41746
378.0	0.002646	302.97183	14.55292
395.0	0.002532	304.32095	14.56161
385.0	0.002597	305.67004	14.57390
388.0	0.002577	307.01968	14.58979
388.0	0.002577	308.36880	14.60929
386.0	0.002591	309.71841	14.63239
418.0	0.002392	311.06754	14.65909
383.0	0.002611	312.41718	14.68942
412.0	0.002427	313.76627	14.72337
335.0	0.002985	315.11591	14.76097
379.0	0.002639	316.46503	14.80224
349.0	0.002865	317.81412	14.84718
402.0	0.002488	319.16376	14.89584
345.0	0.002899	320.51285	14.94823
371.0	0.002695	321.86249	15.00440
373.0	0.002681	323.21161	15.06437
352.0	0.002841	324.56122	15.12818
364.0	0.002747	325.91034	15.19587
373.0	0.002681	327.25946	15.26750
402.0	0.002488	328.60907	15.34310
338.0	0.002959	329.95819	15.42273
362.0	0.002762	331.30780	15.50646
379.0	0.002639	332.65692	15.59433
402.0	0.002488	334.00656	15.68641
365.0	0.002740	335.35565	15.78278
347.0	0.002882	336.70529	15.88350
388.0	0.002577	338.05441	15.98865
369.0	0.002710	339.40350	16.09832
390.0	0.002564	340.75314	16.21259
387.0	0.002584	342.10226	16.33154
343.0	0.002915	343.45187	16.45529
358.0	0.002793	344.80099	24.98112
335.0	0.002985	346.15060	25.20851
372.0	0.002688	347.33795	25.44259
427.0	0.002342	347.87808	25.68352
404.0	0.002475	348.41800	25.93144
352.0	0.002841	348.95792	26.18654
386.0	0.002591	349.49802	26.44898
344.0	0.002907	350.03793	26.71895
376.0	0.002660	350.57806	26.99664
363.0	0.002755	351.11798	27.28226

381.0	0.002625	351.65811	23.93969
415.0	0.002410	352.19803	24.28162
388.0	0.002577	352.73795	24.63148
409.0	0.002445	353.27808	24.98952
388.0	0.002577	353.81799	25.35602
360.0	0.002778	354.35809	25.73123
357.0	0.002801	354.89801	26.11544
349.0	0.002865	355.43814	26.50897
378.0	0.002646	355.97806	26.91211
371.0	0.002695	356.51819	27.32519
382.0	0.002618	357.05811	27.74855
367.0	0.002725	357.59802	28.18254
413.0	0.002421	358.13812	28.62753
420.0	0.002381	358.67804	29.08390
377.0	0.002653	359.21817	29.55207
370.0	0.002703	359.75809	30.03245
407.0	0.002457	360.29822	30.52547
387.0	0.002584	360.83813	31.03161
381.0	0.002625	361.37827	31.55135
403.0	0.002481	361.91818	32.08518
386.0	0.002591	362.45810	32.63364
375.0	0.002667	362.99820	33.19729
377.0	0.002653	363.53812	33.77670
401.0	0.002494	364.07825	34.37250
452.0	0.002212	364.61816	34.98531
425.0	0.002353	365.15829	35.61583
397.0	0.002519	365.69821	36.26474
397.0	0.002519	366.23813	36.93282
349.0	0.002865	366.77823	37.62082
412.0	0.002427	367.31815	38.32959
373.0	0.002681	367.85828	39.06000
397.0	0.002519	368.39819	39.81295
380.0	0.002632	368.93832	40.58943
409.0	0.002445	369.47824	41.39045
393.0	0.002545	370.01837	42.21709
389.0	0.002571	370.55826	43.07051
389.0	0.002571	371.09818	43.95189
369.0	0.002710	371.63831	44.86252
395.0	0.002532	372.17822	45.80375
413.0	0.002421	372.71835	46.77702
386.0	0.002591	373.25827	47.78384
370.0	0.002703	373.79840	48.82584
402.0	0.002488	374.33832	49.90472
418.0	0.002392	374.87842	51.02232
342.0	0.002924	375.41833	52.18056
404.0	0.002475	375.95825	53.38152
412.0	0.002427	376.49838	54.62740
417.0	0.002398	377.03830	55.92054
426.0	0.002347	377.57843	57.26346
405.0	0.002469	378.11835	58.65883
366.0	0.002732	378.65845	60.10954
392.0	0.002551	379.19836	61.61863
432.0	0.002315	379.73828	63.18942
390.0	0.002564	380.27841	64.82543

455.0	0.002198	380.81833	66.53046
423.0	0.002364	381.35846	68.30859
382.0	0.002618	381.89838	70.16420
428.0	0.002336	382.43851	72.10205
355.0	0.002817	382.97842	74.12724
419.0	0.002387	383.51852	76.24531
375.0	0.002667	384.05844	78.46222
401.0	0.002494	384.59836	80.78447
438.0	0.002283	385.13849	83.21906
421.0	0.002375	385.67841	85.77364
442.0	0.002262	386.21854	88.45653
433.0	0.002309	386.75845	91.27676
404.0	0.002475	387.29855	97.70231
421.0	0.002375	387.83847	100.86632
467.0	0.002141	388.37860	104.20087
461.0	0.002169	388.91852	107.71894
441.0	0.002268	389.45844	111.43481
488.0	0.002049	389.99857	115.36423
456.0	0.002193	390.53848	121.05495
460.0	0.002174	391.07861	125.48233
444.0	0.002252	391.61853	130.18130
463.0	0.002160	392.15863	135.17548
439.0	0.002278	392.69855	140.49109
475.0	0.002105	393.23846	146.15746
469.0	0.002132	393.77859	152.20726
468.0	0.002137	394.31851	158.67732
487.0	0.002053	394.85864	165.60884
517.0	0.001934	395.39856	173.04831
485.0	0.002062	395.93866	181.04834
476.0	0.002101	396.47858	189.66853
529.0	0.001890	397.01871	198.97675
543.0	0.001842	397.55862	209.05037
519.0	0.001927	398.09854	219.97813
546.0	0.001832	398.63867	231.86198
538.0	0.001859	399.17859	244.81952
536.0	0.001866	399.71869	258.98712
612.0	0.001634	400.25861	274.52347
617.0	0.001621	400.79874	291.61401
627.0	0.001595	401.33865	310.47662
666.0	0.001502	401.87878	331.36844
669.0	0.001495	402.41870	354.59497
723.0	0.001383	402.95862	380.52121
735.0	0.001361	403.49875	409.58694
779.0	0.001284	404.03867	442.32675
783.0	0.001277	404.57877	479.39822
877.0	0.001140	405.11868	521.62158
967.0	0.001034	405.65881	570.03632
1019.0	0.000981	406.19873	625.98224
1097.0	0.000912	406.73865	691.21259
1281.0	0.000781	407.27878	768.04846
1359.0	0.000736	407.81870	859.57556
1461.0	0.000684	408.35880	969.88104
1649.0	0.000606	408.89871	1104.31067
1916.0	0.000522	409.43884	1269.71240

2049.0	0.000488	409.97876	1474.61035
2356.0	0.000424	410.51889	1729.23999
2625.0	0.000381	411.05881	2045.33728
2921.0	0.0003423	411.59872	2435.48657
3404.0	0.0002938	412.13885	2911.62061
3747.0	0.0002669	412.67877	3481.78198
4093.0	0.0002443	413.21887	4143.56299
4594.0	0.0002177	413.75879	4872.33984
5006.0	0.0001998	414.29892	5605.03027
5120.0	0.0001953	414.83884	6229.63672
5490.0	0.0001821	415.37897	6604.39209
5654.0	0.0001769	415.91888	6621.57129
5660.0	0.0001767	416.45880	6277.01660
5695.0	0.0001756	416.99890	5673.13477
5294.0	0.0001889	417.53882	4951.86621
4805.0	0.0002081	418.07895	4228.44092
4125.0	0.0002424	418.61887	3569.21777
3741.0	0.0002673	419.15900	3000.98291
3219.0	0.0003107	419.69891	2527.27930
2734.0	0.000366	420.23883	2140.56909
2391.0	0.000418	420.77893	1829.10400
2214.0	0.000452	421.31885	1580.33093
1904.0	0.000525	421.85898	1382.48071
1719.0	0.000582	422.39890	1225.26208
1505.0	0.000664	422.93903	1100.09521
1430.0	0.000699	423.47894	1000.09216
1304.0	0.000767	424.01907	919.89050
1197.0	0.000835	424.55899	855.41376
1206.0	0.000829	425.09891	803.61627
1073.0	0.000932	425.63901	762.24579
1060.0	0.000943	426.17892	729.64618
1055.0	0.000948	426.71906	704.60297
984.0	0.001016	427.25897	686.23145
1006.0	0.000994	427.79910	673.89771
924.0	0.001082	428.33902	667.16620
969.0	0.001032	428.87912	665.76532
999.0	0.001001	429.41904	669.56702
978.0	0.001022	429.95895	678.57629
1019.0	0.000981	430.49908	692.92914
1070.0	0.000935	431.03900	712.89746
1102.0	0.000907	431.57913	738.90247
1124.0	0.000890	432.11905	771.53754
1192.0	0.000839	432.65918	811.60498
1290.0	0.000775	433.19910	860.17041
1241.0	0.000806	433.73901	918.64423
1457.0	0.000686	434.27911	988.89893
1584.0	0.000631	434.81903	1073.43518
1689.0	0.000592	435.35916	1175.60388
1865.0	0.000536	435.89908	1299.88977
2050.0	0.000488	436.43921	1452.24463
2314.0	0.000432	436.97913	1640.44263
2630.0	0.000380	437.51923	1874.40247
3002.0	0.0003331	438.05914	2166.40234
3297.0	0.0003033	438.59906	2531.07690

3777.0	0.0002648	439.13919	2985.04590
4312.0	0.0002319	439.67911	3545.87500
4781.0	0.0002092	440.21924	4229.72754
5598.0	0.0001786	440.75916	5046.37793
6359.0	0.0001573	441.29929	5989.26709
7166.0	0.0001395	441.83920	7018.18066
7780.0	0.0001285	442.37930	8036.62988
8764.0	0.0001141	442.91922	8880.47070
9102.0	0.0001099	443.45914	9351.63574
9381.0	0.0001066	443.99927	9311.79980
9102.0	0.0001099	444.53918	8772.78223
8587.0	0.0001165	445.07932	7888.13086
7445.0	0.0001343	445.61923	6855.63770
6517.0	0.0001534	446.15933	5830.44434
5748.0	0.0001740	446.69925	4899.77832
5060.0	0.0001976	447.23917	4097.72168
4578.0	0.0002184	447.77930	3427.62524
3890.0	0.0002571	448.31921	2878.32300
3602.0	0.0002776	448.85934	2433.20044
3050.0	0.0003279	449.39926	2074.69409
2652.0	0.000377	449.93936	1786.38818
2514.0	0.000398	450.47928	1553.93225
2161.0	0.000463	451.01941	1365.34766
1969.0	0.000508	451.55933	1210.98926
1744.0	0.000573	452.09924	1083.31030
1623.0	0.000616	452.63937	976.52905
1488.0	0.000672	453.17929	886.27448
1363.0	0.000734	453.71942	809.25555
1333.0	0.000750	454.25934	742.98584
1238.0	0.000808	454.79944	722.44391
1084.0	0.000923	455.33936	672.81488
1039.0	0.000962	455.87949	629.41333
1006.0	0.000994	456.41940	591.31274
1003.0	0.000997	456.95932	557.76208
870.0	0.001149	457.49945	528.14557
836.0	0.001196	458.03937	501.95471
831.0	0.001203	458.57947	478.76620
829.0	0.001206	459.11938	458.22635
767.0	0.001304	459.65952	440.03821
709.0	0.001410	460.19943	423.95212
742.0	0.001348	460.73935	409.75800
729.0	0.001372	461.27948	397.27890
730.0	0.001370	461.81940	386.36609
691.0	0.001447	462.35953	376.89526
680.0	0.001471	462.89944	368.76315
652.0	0.001534	463.43954	361.88528
657.0	0.001522	463.97946	356.19360
605.0	0.001653	464.51959	351.63522
595.0	0.001681	465.05951	348.17126
595.0	0.001681	465.59943	345.77597
628.0	0.001592	466.13956	344.43643
617.0	0.001621	466.67947	344.15234
581.0	0.001721	467.21957	344.93625
603.0	0.001658	467.75949	346.81418

603.0	0.001658	468.29962	380.54324
666.0	0.001502	468.83954	385.08771
638.0	0.001567	469.37967	390.90125
564.0	0.001773	469.91959	398.07678
642.0	0.001558	470.45950	406.73035
608.0	0.001645	470.99963	417.00412
585.0	0.001709	471.53952	429.07224
647.0	0.001546	472.07965	443.14682
680.0	0.001471	472.61957	459.48682
655.0	0.001527	473.15970	478.40912
680.0	0.001471	473.69962	500.30447
681.0	0.001468	474.23953	525.65936
731.0	0.001368	474.77966	555.08716
755.0	0.001325	475.31958	589.37195
801.0	0.001248	475.85968	629.52985
832.0	0.001202	476.39960	676.89258
891.0	0.001122	476.93973	733.21545
970.0	0.001031	477.47964	800.80975
1095.0	0.000913	478.01978	882.69128
1117.0	0.000895	478.55969	982.73260
1284.0	0.000779	479.09961	1105.79028
1462.0	0.000684	479.63971	1257.77869
1771.0	0.000565	480.17963	1445.63806
2028.0	0.000493	480.71976	1677.11597
2448.0	0.000408	481.25967	1960.18555
2901.0	0.0003447	481.79980	2301.72974
3327.0	0.0003006	482.33972	2704.75879
3928.0	0.0002546	482.87985	3163.14136
4634.0	0.0002158	483.41977	3653.42041
5173.0	0.0001933	483.95969	4126.75781
5572.0	0.0001795	484.49979	4511.16309
5822.0	0.0001718	485.03970	4736.40527
5778.0	0.0001731	485.57983	4774.21289
5874.0	0.0001702	486.11975	4656.82910
5765.0	0.0001735	486.65988	4450.59473
5522.0	0.0001811	487.19980	4211.03760
5416.0	0.0001846	487.73972	3957.92065
4917.0	0.0002034	488.27982	3681.07471
4515.0	0.0002215	488.81973	3365.56201
4063.0	0.0002461	489.35986	3014.33203
3635.0	0.0002751	489.89978	2650.10815
3293.0	0.0003037	490.43991	2300.68994
2836.0	0.000353	490.97983	1985.84314
2452.0	0.000408	491.51996	1714.12708
2147.0	0.000466	492.05988	1485.89124
1819.0	0.000550	492.59979	1297.19385
1654.0	0.000605	493.13989	1142.51196
1428.0	0.000700	493.67981	1016.17578
1250.0	0.000800	494.21994	913.00104
1153.0	0.000867	494.75986	828.51318
1093.0	0.000915	495.29999	758.98480
945.0	0.001058	495.83990	701.38916
922.0	0.001085	496.38000	653.31775
834.0	0.001199	496.91992	612.88318

777.0	0.001287	497.45984	578.62219
775.0	0.001290	497.99997	549.40491
764.0	0.001309	498.53989	524.35815
710.0	0.001408	499.08002	502.80191
647.0	0.001546	499.61993	484.20105
648.0	0.001543	500.16003	468.12891
625.0	0.001600	500.69995	454.24084
655.0	0.001527	501.23987	442.25504
665.0	0.001504	501.78000	431.93863
638.0	0.001567	502.31992	423.09772
580.0	0.001724	502.86005	415.56970
570.0	0.001754	503.39996	409.21759
559.0	0.001789	503.94009	403.92548
605.0	0.001653	504.48001	399.59494
565.0	0.001770	505.02011	396.14227
529.0	0.001890	505.56003	393.49619
523.0	0.001912	506.09995	391.59601
560.0	0.001786	506.64008	390.38995
571.0	0.001751	507.17999	389.83408
558.0	0.001792	506.70190	389.89120
612.0	0.001634	506.22397	390.52979
550.0	0.001818	505.74588	391.72369
546.0	0.001832	505.26797	393.45123
560.0	0.001786	504.78989	395.69467
595.0	0.001681	504.31195	398.44009
583.0	0.001715	503.83405	401.67682
582.0	0.001718	503.35596	405.39719
589.0	0.001698	502.87805	409.59631
582.0	0.001718	502.39993	414.27209
579.0	0.001727	501.92203	419.42474
604.0	0.001656	501.44394	419.27649
612.0	0.001634	500.96603	425.45627
567.0	0.001764	500.48810	432.12674
560.0	0.001786	500.01001	439.29733
587.0	0.001704	499.53210	446.97977
587.0	0.001704	499.05402	455.18796
582.0	0.001718	498.57608	463.93814
633.0	0.001580	498.09799	473.24890
619.0	0.001616	497.62009	483.14136
619.0	0.001616	497.14200	493.63922
639.0	0.001565	496.66406	504.76877
618.0	0.001618	496.18616	516.55933
621.0	0.001610	495.70807	529.04333
643.0	0.001555	495.23016	542.25647
718.0	0.001393	494.75204	556.23792
623.0	0.001605	494.27414	571.03107
687.0	0.001456	493.79605	586.68323
707.0	0.001414	493.31815	603.24652
692.0	0.001445	492.84003	620.77802
731.0	0.001368	492.36212	639.34052
771.0	0.001297	491.88422	659.00299
758.0	0.001319	491.40613	679.84113
812.0	0.001232	490.92819	701.93817
796.0	0.001256	490.45010	725.38599

757.0	0.001321	489.97220	750.28583
825.0	0.001212	489.49411	776.74927
784.0	0.001276	489.01617	804.90002
867.0	0.001153	488.53827	834.87494
869.0	0.001151	488.06018	866.82587
919.0	0.001088	487.58228	900.92181
936.0	0.001068	487.10416	937.35095
920.0	0.001087	486.62625	976.32343
980.0	0.001020	486.14816	1018.07452
1010.0	0.000990	485.67026	1062.86816
1066.0	0.000938	485.19214	1111.00146
1042.0	0.000960	484.71423	1162.80933
1141.0	0.000876	484.23633	1218.67053
1161.0	0.000861	483.75824	1279.01514
1217.0	0.000822	483.28030	1344.33276
1297.0	0.000771	482.80222	1415.18250
1320.0	0.000758	482.32431	1492.20520
1420.0	0.000704	481.84622	1576.13794
1531.0	0.000653	481.36829	1667.83228
1557.0	0.000642	480.89020	1768.27576
1657.0	0.000604	480.41229	1878.61816
1907.0	0.000524	479.93436	2000.20618
1938.0	0.000516	479.45627	2134.62329
2079.0	0.000481	478.97836	2283.74243
2287.0	0.000437	478.50027	2457.85962
2436.0	0.000411	478.02234	2643.61377
2637.0	0.000379	477.54425	2852.22778
2939.0	0.0003403	477.06635	3079.30054
3179.0	0.0003146	476.58844	3346.64502
3703.0	0.0002701	476.11032	3652.04126
3920.0	0.0002551	475.63242	4003.52490
4446.0	0.0002249	475.15433	4411.55518
5105.0	0.0001959	474.67642	4889.88184
5788.0	0.0001728	474.19830	5456.62744
6579.0	0.0001520	473.72040	6135.56055
7417.0	0.0001348	473.24231	6957.45264
8672.0	0.0001153	472.76440	7961.31738
9878.0	0.0001012	472.28647	9195.26465
11377.0	0.0000879	471.80838	10716.59863
13291.0	0.0000752	471.33047	12590.60547
15850.0	0.0000631	470.85239	14887.08789
18349.0	0.0000545	470.37445	17672.62305
21345.0	0.0000468	469.89636	20994.21875
24845.0	0.0000402	469.41846	24846.75781
29205.0	0.0000342	468.94037	29114.60352
33577.0	0.0000298	468.46243	33488.09766
37208.0	0.0000269	467.98453	37396.94531
40062.0	0.0000250	467.50644	40071.28906
41769.0	0.0000239	467.02853	40832.80078
41558.0	0.0000241	466.55042	39489.74609
39280.0	0.0000255	466.07251	36468.85547
34890.0	0.0000287	465.59442	32537.00195
30560.0	0.0000327	465.11652	28410.83008
26334.0	0.0000380	464.63858	24559.67969



22888.0	0.0000437	464.16049	21211.87500
20062.0	0.0000498	463.68259	18437.82617
17704.0	0.0000565	463.20450	16225.95410
15843.0	0.0000631	462.72656	14530.64160
15043.0	0.0000665	462.24847	13298.16309
14157.0	0.0000706	461.77057	12479.94629
13838.0	0.0000723	461.29248	12039.40332
13606.0	0.0000735	460.81454	11955.33984
14056.0	0.0000711	460.33664	12223.24512
14693.0	0.0000681	459.85855	12854.88770
15809.0	0.0000633	459.38062	13876.20605
17175.0	0.0000582	458.90253	15323.05957
19162.0	0.0000522	458.42462	17233.35742
21841.0	0.0000458	457.94653	19632.14453
24535.0	0.0000408	457.46860	22503.41211
27829.0	0.0000359	456.99051	25740.86328
31361.0	0.0000319	456.51260	29078.73438
35356.0	0.0000283	456.03470	32038.17773
37684.0	0.0000265	455.55658	33980.38281
38695.0	0.0000258	455.07867	34347.96875
38115.0	0.0000262	454.60059	32986.95313
34378.0	0.0000291	454.12268	30249.50781
30861.0	0.0000324	453.64456	26763.02734
26471.0	0.0000378	453.16666	23111.30859
22359.0	0.0000447	452.68875	19674.61328
19147.0	0.0000522	452.21066	16635.12305
16501.0	0.0000606	451.73273	14044.53320
14126.0	0.0000708	451.25464	11885.68750
12302.0	0.0000813	450.77673	10111.25586
10559.0	0.0000947	450.29865	8664.23828
9285.0	0.0001077	449.82071	7488.02832
8137.0	0.0001229	449.34262	6531.11963
7044.0	0.0001420	448.86472	5749.09814
6324.0	0.0001581	448.38681	5105.16650
5583.0	0.0001791	447.90869	4569.79004
4994.0	0.0002002	447.43079	4119.84521
4448.0	0.0002248	446.95270	3737.55322
4073.0	0.0002455	446.47479	3409.37646
3719.0	0.0002689	445.99667	3125.02808
3363.0	0.0002974	445.51877	2876.64600
2915.0	0.0003431	445.04068	2658.15430
2702.0	0.000370	444.56277	2464.78540
2481.0	0.000403	444.08484	2292.73706
2482.0	0.000403	443.60675	2138.93311
2080.0	0.000481	443.12885	2000.84961
1980.0	0.000505	442.65076	1876.39368
1915.0	0.000522	442.17282	1763.81384
1810.0	0.000552	441.69473	1661.63379
1622.0	0.000617	441.21683	1568.60132
1593.0	0.000628	440.73892	1483.64819
1579.0	0.000633	440.26080	1402.40320
1491.0	0.000671	439.78290	1331.02637
1368.0	0.000731	439.30481	1265.34204
1249.0	0.000801	438.82690	1204.75806

1275.0	0.000784	438.34879	1148.75793
1203.0	0.000831	437.87088	1096.89050
1095.0	0.000913	437.39279	1047.21680
1068.0	0.000936	436.91489	1002.48889
1070.0	0.000935	436.43695	960.83899
1052.0	0.000951	435.95886	921.99377
1000.0	0.001000	435.48096	885.71014
984.0	0.001016	435.00287	851.77179
1014.0	0.000986	434.52493	819.98499
922.0	0.001085	434.04684	790.17688
872.0	0.001147	433.56894	762.19189
878.0	0.001139	433.09082	735.89014
827.0	0.001209	432.61292	711.14575
804.0	0.001244	432.13501	687.84485
837.0	0.001195	431.65692	665.88440
793.0	0.001261	431.17899	645.17126
754.0	0.001326	430.70090	625.62067
744.0	0.001344	430.22299	607.15558
733.0	0.001364	429.74490	589.70618
694.0	0.001441	429.26697	573.20844
737.0	0.001357	428.78906	557.60431
655.0	0.001527	428.31097	542.84058
710.0	0.001408	427.83307	528.86877
665.0	0.001504	427.35495	515.64471
657.0	0.001522	426.87704	503.12769
677.0	0.001477	426.39896	491.28082
663.0	0.001508	425.92105	480.07019
708.0	0.001412	425.44293	469.46503
623.0	0.001605	424.96503	459.43716
603.0	0.001658	424.48712	449.96100
598.0	0.001672	424.00903	441.01324
549.0	0.001821	423.53110	432.57281
614.0	0.001629	423.05301	424.62070
613.0	0.001631	422.57510	417.13989
599.0	0.001669	422.09702	410.11514
584.0	0.001712	421.61908	403.53299
604.0	0.001656	421.14099	397.38174
573.0	0.001745	420.66309	391.65128
552.0	0.001812	420.18518	386.33322
574.0	0.001742	419.70706	381.42059
573.0	0.001745	419.22916	376.90811
559.0	0.001789	418.75107	372.79205
555.0	0.001802	418.27316	369.07031
559.0	0.001789	417.79504	365.74240
579.0	0.001727	417.31714	362.80945
553.0	0.001808	416.83923	360.27438
526.0	0.001901	416.36115	358.14203
560.0	0.001786	415.88321	356.41904
571.0	0.001751	415.40512	355.11414
568.0	0.001761	414.92722	354.23828
550.0	0.001818	414.44913	353.80487
552.0	0.001812	413.97119	353.82986
500.0	0.002000	413.49310	354.33209
537.0	0.001862	413.01520	355.33362

508.0	0.001969	412.53729	356.85992
551.0	0.001815	412.05917	358.94058
558.0	0.001792	411.58127	361.60947
565.0	0.001770	411.10318	364.90549
547.0	0.001828	410.62524	368.87326
523.0	0.001912	410.14716	373.56372
542.0	0.001845	409.66925	379.03546
541.0	0.001848	409.19116	385.35532
587.0	0.001704	408.71323	392.60013
561.0	0.001783	408.23532	400.85797
565.0	0.001770	407.75723	410.23032
550.0	0.001818	407.27933	420.83423
563.0	0.001776	406.80121	432.80478
551.0	0.001815	406.32330	446.29895
624.0	0.001603	405.84521	461.49908
624.0	0.001603	405.36731	478.61813
626.0	0.001597	404.88937	497.90573
638.0	0.001567	404.41129	519.65570
677.0	0.001477	403.93338	544.21558
706.0	0.001416	403.45529	571.99915
738.0	0.001355	402.97736	603.50208
755.0	0.001325	402.49927	639.32373
774.0	0.001292	402.02136	680.19604
861.0	0.001161	401.54327	727.02509
870.0	0.001149	401.06534	780.94843
927.0	0.001079	400.58743	843.41675
997.0	0.001003	400.10934	916.30701
1117.0	0.000895	399.63144	1002.07404
1225.0	0.000816	399.15332	1103.94556
1353.0	0.000739	398.67542	1226.15820
1587.0	0.000630	398.19733	1374.21826
1795.0	0.000557	397.71942	1555.16052
2054.0	0.000487	397.24130	1777.75903
2404.0	0.000416	396.76340	2052.62598
2870.0	0.0003484	396.28549	2392.11963
3403.0	0.0002939	395.80740	2809.92603
4167.0	0.0002400	395.32947	3320.06763
5024.0	0.0001990	394.85138	3934.79346
6127.0	0.0001632	394.37347	4660.28955
7422.0	0.0001347	393.89539	5488.49463
8458.0	0.0001182	393.41745	6383.50586
9657.0	0.0001036	392.93954	7264.75049
10224.0	0.0000978	392.46146	7999.47510
10707.0	0.0000934	391.98355	8428.58105
10404.0	0.0000961	391.50543	8436.10645
9903.0	0.0001010	391.02753	8019.43994
8953.0	0.0001117	390.54944	7291.05420
8029.0	0.0001245	390.07153	6409.88721
7054.0	0.0001418	389.59341	5510.56250
5888.0	0.0001698	389.11551	4675.75439
4884.0	0.0002048	388.63760	3942.84351
4281.0	0.0002336	388.15952	3320.71436
3628.0	0.0002756	387.68158	2803.56396
3066.0	0.0003262	387.20349	2379.28271

2657.0	0.000376	386.72559	2033.86755
2267.0	0.000441	386.24747	1753.59155
2020.0	0.000495	385.76956	1526.03088
1719.0	0.000582	385.29147	1340.49683
1506.0	0.000664	384.81357	1188.14038
1354.0	0.000739	384.33563	1061.85767
1225.0	0.000816	383.85754	956.08325
1050.0	0.000952	383.37964	866.53265
1059.0	0.000944	382.90155	789.93982
956.0	0.001046	382.42361	723.82050
856.0	0.001168	381.94553	666.27539
792.0	0.001263	381.46762	615.83661
801.0	0.001248	380.98972	571.35327
726.0	0.001377	380.51160	495.19217
658.0	0.001520	380.03369	460.44739
630.0	0.001587	379.55560	429.38757
624.0	0.001603	379.07770	401.51068
601.0	0.001664	378.59958	376.39731
570.0	0.001754	378.12167	353.69476
549.0	0.001821	377.64359	333.10431
575.0	0.001739	377.16568	314.37167
508.0	0.001969	376.68774	297.27951
533.0	0.001876	376.20966	281.64093
497.0	0.002012	375.73175	267.29477
493.0	0.002028	375.25366	254.10152
516.0	0.001938	374.77573	241.93974
467.0	0.002141	374.29764	230.70361
442.0	0.002262	373.81973	220.30038
477.0	0.002096	373.34164	210.64865
462.0	0.002165	372.86371	201.67670
476.0	0.002101	372.38580	193.32108
455.0	0.002198	371.90771	185.52565
447.0	0.002237	371.42981	178.24043
445.0	0.002247	370.95169	171.42097
414.0	0.002415	370.47379	165.02754
443.0	0.002257	369.99570	159.02451
455.0	0.002198	369.51779	153.37996
437.0	0.002288	369.03986	148.06517
420.0	0.002381	368.56177	112.48042
384.0	0.002604	368.08386	108.08424
433.0	0.002309	367.60577	103.94192
372.0	0.002688	367.12784	100.03432
388.0	0.002577	366.64975	96.34415
398.0	0.002513	366.17184	92.85561
361.0	0.002770	365.69376	89.55434
390.0	0.002564	365.21582	86.42724
358.0	0.002793	364.73792	83.46230
387.0	0.002584	364.25983	80.64853
378.0	0.002646	363.78189	77.97588
411.0	0.002433	363.30380	75.43510
375.0	0.002667	362.82590	73.01766
386.0	0.002591	362.34781	70.71574
395.0	0.002532	361.86987	68.52213
378.0	0.002646	361.39178	66.43015

366.0	0.002732	360.91388	64.43363
351.0	0.002849	360.43597	62.52687
371.0	0.002695	359.95786	60.70459
364.0	0.002747	359.47995	58.96187
391.0	0.002558	359.00186	57.29417
367.0	0.002725	358.52396	55.69725
385.0	0.002597	358.04584	54.16716
397.0	0.002519	357.56793	52.70025
336.0	0.002976	357.09003	51.29309
364.0	0.002747	356.61194	49.94247
386.0	0.002591	356.13400	48.64544
335.0	0.002985	355.65591	47.39917
378.0	0.002646	355.17801	46.20108
382.0	0.002618	354.69992	45.04871
394.0	0.002538	354.22198	43.93977
391.0	0.002558	353.74390	42.87210
390.0	0.002564	353.26599	41.84370
358.0	0.002793	352.78809	40.85266
377.0	0.002653	352.30997	39.89720
336.0	0.002976	351.83206	38.97563
368.0	0.002717	351.35397	38.08637
360.0	0.002778	350.87607	37.22794
371.0	0.002695	350.39795	36.39892
351.0	0.002849	349.92004	35.59800
359.0	0.002786	349.44196	34.82390
379.0	0.002639	348.96405	34.07547
350.0	0.002857	348.48611	33.35157
358.0	0.002793	348.00803	32.65114
376.0	0.002660	347.53012	31.97319
360.0	0.002778	347.05203	31.31675
334.0	0.002994	346.57410	30.68094
354.0	0.002825	346.09601	30.06490
386.0	0.002591	345.61810	29.46782
346.0	0.002890	345.14020	28.88892
376.0	0.002660	344.66208	28.32748
345.0	0.002899	344.18417	27.78281
362.0	0.002762	343.70609	27.25424
353.0	0.002833	343.22818	26.74115
338.0	0.002959	342.75006	26.24294
341.0	0.002933	342.27216	25.75903
348.0	0.002874	341.79407	25.28890
344.0	0.002907	341.31616	24.83201
360.0	0.002778	340.83823	24.38788
349.0	0.002865	340.36014	23.95604
372.0	0.002688	339.88223	23.53604
353.0	0.002833	339.40414	23.12745
345.0	0.002899	338.92621	22.72986
352.0	0.002841	338.44812	22.34288
346.0	0.002890	337.97021	21.96614
366.0	0.002732	337.49210	21.59928
334.0	0.002994	337.01419	21.24195
352.0	0.002841	336.53629	20.89384
357.0	0.002801	336.05820	20.55461
351.0	0.002849	335.58026	20.22399

372.0	0.002688	335.10217	19.90167
368.0	0.002717	334.62427	19.58738
346.0	0.002890	334.14618	19.28087
369.0	0.002710	333.66824	18.98186
320.0	0.003125	333.19034	18.69013
338.0	0.002959	332.71225	18.40543
364.0	0.002747	332.23434	18.12755
333.0	0.003003	331.75623	17.85626
366.0	0.002732	331.27832	17.59136
354.0	0.002825	330.80023	17.33266
351.0	0.002849	330.32233	17.07995
319.0	0.003135	329.84421	16.83306
361.0	0.002770	329.36630	16.59181
346.0	0.002890	328.88840	16.35603
343.0	0.002915	328.41031	16.12555
375.0	0.002667	327.93237	15.90021
358.0	0.002793	327.45428	15.67988
328.0	0.003049	326.97638	15.46439
301.0	0.003322	326.49829	15.25361
330.0	0.003030	326.02036	15.04740
356.0	0.002809	325.54227	14.84563
336.0	0.002976	325.06436	14.64817
349.0	0.002865	324.58646	14.45490
350.0	0.002857	324.10834	14.26571
347.0	0.002882	323.63043	14.08048
335.0	0.002985	323.15234	13.89910
372.0	0.002688	322.67444	13.72147
336.0	0.002976	322.19632	13.54747
341.0	0.002933	321.71841	13.37702
356.0	0.002809	321.24051	13.21002
342.0	0.002924	320.76242	13.04637
335.0	0.002985	320.28448	12.88599
364.0	0.002747	319.80640	12.72879
324.0	0.003086	319.32849	12.57469
352.0	0.002841	318.85040	12.42360
336.0	0.002976	318.37247	12.27545
370.0	0.002703	317.89438	12.13016
341.0	0.002933	317.41647	11.98766
347.0	0.002882	316.93854	11.84788
351.0	0.002849	316.46045	11.71074
322.0	0.003106	315.98254	11.57619
356.0	0.002809	315.50446	11.44416
323.0	0.003096	315.02652	11.31459
342.0	0.002924	314.54843	11.18741
374.0	0.002674	314.07053	11.06256
326.0	0.003067	313.59244	10.94000
329.0	0.003040	313.11450	10.81966
303.0	0.003300	312.63660	10.70149
345.0	0.002899	312.15851	10.58544
313.0	0.003195	311.68060	10.47146
349.0	0.002865	311.20248	10.35950
326.0	0.003067	310.72458	10.24952
298.0	0.003356	310.24649	10.14146
361.0	0.002770	309.76859	10.03528

345.0	0.002899	309.29065	9.93094
349.0	0.002865	308.81256	9.82840
348.0	0.002874	308.33466	9.72761
322.0	0.003106	307.85657	9.62854
380.0	0.002632	307.37863	9.53114
312.0	0.003205	306.90054	9.43538
319.0	0.003135	306.42264	9.34123
327.0	0.003058	305.94455	9.24864
322.0	0.003106	305.46661	1.00000
399.0	0.002506	304.98871	1.00000
348.0	0.002874	304.51062	1.00000
347.0	0.002882	304.03271	1.00000
347.0	0.002882	303.55460	1.00000
339.0	0.002950	303.07669	1.00000
335.0	0.002985	302.59860	1.00000
334.0	0.002994	302.12070	1.00000
328.0	0.003049	301.64258	1.00000
330.0	0.003030	301.16467	1.00000
347.0	0.002882	300.68677	1.00000
335.0	0.002985	300.20868	1.00000
344.0	0.002907	299.73074	1.19185
358.0	0.002793	299.25266	1.19355
310.0	0.003226	298.77475	1.19529
357.0	0.002801	298.29666	1.19704
350.0	0.002857	297.97482	1.19882
377.0	0.002653	297.88687	1.20062
339.0	0.002950	297.79889	1.20245
308.0	0.003247	297.71094	1.20430
368.0	0.002717	297.62296	1.20618
329.0	0.003040	297.53500	1.20808
334.0	0.002994	297.44702	1.21001
384.0	0.002604	297.35907	1.21196
343.0	0.002915	297.27109	1.21395
334.0	0.002994	297.18314	1.21596
338.0	0.002959	297.09518	1.21800
341.0	0.002933	297.00720	1.22007
355.0	0.002817	296.91925	1.22217
347.0	0.002882	296.83127	1.22430
344.0	0.002907	296.74332	1.22646
334.0	0.002994	296.65533	1.22865
340.0	0.002941	296.56738	1.23088
354.0	0.002825	296.47940	1.23313
362.0	0.002762	296.39145	1.23542
376.0	0.002660	296.30350	1.23774
371.0	0.002695	296.21552	1.24010
370.0	0.002703	296.12756	1.24249
333.0	0.003003	296.03958	1.24492
352.0	0.002841	295.95163	1.24739
364.0	0.002747	295.86365	1.24989
360.0	0.002778	295.77570	1.59866
355.0	0.002817	295.68774	1.60433
358.0	0.002793	295.59976	1.61008
362.0	0.002762	295.51181	1.61591
358.0	0.002793	295.42383	1.62182

352.0	0.002841	295.33588	1.62782
345.0	0.002899	295.24789	1.63391
365.0	0.002740	295.15994	1.64009
375.0	0.002667	295.07196	1.64636
357.0	0.002801	294.98401	1.65272
354.0	0.002825	294.89606	1.65918
367.0	0.002725	294.80807	1.66573
341.0	0.002933	294.72012	1.67238
360.0	0.002778	294.63214	1.67913
355.0	0.002817	294.54419	1.68599
408.0	0.002451	294.45621	1.69295
371.0	0.002695	294.36826	1.70002
373.0	0.002681	294.28027	1.70719
329.0	0.003040	294.19232	1.71448
376.0	0.002660	294.10437	1.72188
375.0	0.002667	294.01639	1.72940
329.0	0.003040	293.92844	1.73704
388.0	0.002577	293.84045	1.74480
351.0	0.002849	293.75250	1.75268
372.0	0.002688	293.66452	1.76069
368.0	0.002717	293.57657	1.76882
394.0	0.002538	293.48862	1.77709
413.0	0.002421	293.40063	1.78550
382.0	0.002618	293.31268	1.79404
369.0	0.002710	293.22470	1.80272
389.0	0.002571	293.13675	1.81155
327.0	0.003058	293.04877	1.82053
375.0	0.002667	292.96082	1.82965
387.0	0.002584	292.87283	1.83893
392.0	0.002551	292.78488	1.84837
368.0	0.002717	292.69693	1.85797
352.0	0.002841	292.60895	1.86773
379.0	0.002639	292.52100	1.87766
318.0	0.003145	292.43301	1.88776
383.0	0.002611	292.34506	1.89804
403.0	0.002481	292.25708	1.90851
356.0	0.002809	292.16913	1.91915
376.0	0.002660	292.08115	1.92999
340.0	0.002941	291.99319	1.94102
379.0	0.002639	291.90524	1.95225
377.0	0.002653	291.81726	1.96368
398.0	0.002513	291.72931	1.97532
362.0	0.002762	291.64133	1.98718
398.0	0.002513	291.55338	1.99925
413.0	0.002421	291.46539	2.01155
381.0	0.002625	291.37744	2.02408
406.0	0.002463	291.28949	2.03684
367.0	0.002725	291.20151	2.04985
346.0	0.002890	291.11356	2.06310
381.0	0.002625	291.02557	2.07661
376.0	0.002660	290.93762	2.09038
380.0	0.002632	290.84964	2.10442
369.0	0.002710	290.76169	2.11873
383.0	0.002611	290.67371	2.13333



367.0	0.002725	290.58575	2.14821
361.0	0.002770	290.49783	2.16340
387.0	0.002584	290.40982	2.17889
393.0	0.002545	290.32190	2.19469
346.0	0.002890	290.23389	2.21082
342.0	0.002924	290.14597	2.22728
392.0	0.002551	290.05798	2.24407
403.0	0.002481	289.97003	2.26122
375.0	0.002667	289.88205	2.27873
369.0	0.002710	289.79410	2.29661
369.0	0.002710	289.70615	2.31488
332.0	0.003012	289.61816	2.33353
361.0	0.002770	289.53021	2.35259
346.0	0.002890	289.44223	2.37206
396.0	0.002525	289.35428	2.39196
380.0	0.002632	289.26630	2.41230
388.0	0.002577	289.17834	2.43310
359.0	0.002786	289.09039	2.45436
360.0	0.002778	289.00241	2.47611
346.0	0.002890	288.91446	2.49835
358.0	0.002793	288.82648	2.52110
353.0	0.002833	288.73853	2.54438
349.0	0.002865	288.65054	2.56821
349.0	0.002865	288.56259	2.59260
351.0	0.002849	288.47461	2.61757
319.0	0.003135	288.38666	2.64314
347.0	0.002882	288.29871	2.66932
350.0	0.002857	288.21072	2.69615
380.0	0.002632	288.12277	2.72364
353.0	0.002833	288.03479	2.75180
363.0	0.002755	287.94684	2.78068
332.0	0.003012	287.85886	2.81028
334.0	0.002994	287.77090	2.84063
361.0	0.002770	287.68292	2.87177
358.0	0.002793	287.59497	2.90371
324.0	0.003086	287.50702	2.93650
336.0	0.002976	287.41904	2.97014
380.0	0.002632	287.33109	3.00469
320.0	0.003125	287.24310	3.04016
324.0	0.003086	287.15515	3.07660
338.0	0.002959	287.06717	3.11404
324.0	0.003086	286.97922	3.15252
357.0	0.002801	286.89127	3.19207
340.0	0.002941	286.80328	3.23274
337.0	0.002967	286.71533	3.27457
335.0	0.002985	286.62735	3.31761
360.0	0.002778	286.53940	3.36190
363.0	0.002755	286.45142	3.40750
302.0	0.003311	286.36346	3.45446
342.0	0.002924	286.27548	3.50282
335.0	0.002985	286.18753	3.55266
325.0	0.003077	286.09955	3.60402
337.0	0.002967	286.01163	3.65699
354.0	0.002825	285.92365	3.71162

341.0	0.002933	285.83566	3.76798
332.0	0.003012	285.74768	3.82615
327.0	0.003058	285.65976	3.88622
350.0	0.002857	285.57178	3.94826
298.0	0.003356	285.48380	4.01236
341.0	0.002933	285.39587	4.07863
368.0	0.002717	285.30789	4.14715
337.0	0.002967	285.21991	4.21804
302.0	0.003311	285.13193	4.29141
310.0	0.003226	285.04401	4.36738
313.0	0.003195	284.95602	4.44607
315.0	0.003175	284.86804	4.52762
334.0	0.002994	284.78006	4.61217
356.0	0.002809	284.69214	4.69988
294.0	0.003401	284.60416	4.79090
316.0	0.003165	284.51617	4.88542
288.0	0.003472	284.42825	4.98361
369.0	0.002710	284.34027	5.08567
321.0	0.003115	284.25229	5.19182
329.0	0.003040	284.16431	5.30228
336.0	0.002976	284.07639	5.41730
337.0	0.002967	283.98840	5.53714
324.0	0.003086	283.90042	5.66206
304.0	0.003289	283.81250	5.79239
323.0	0.003096	283.72452	5.92843
315.0	0.003175	283.63654	6.07055
342.0	0.002924	283.54855	6.21911
310.0	0.003226	283.46063	6.37452
319.0	0.003135	283.37265	6.53723
311.0	0.003215	283.28467	6.70771
347.0	0.002882	283.19675	6.88648
319.0	0.003135	283.10876	7.07411
333.0	0.003003	283.02078	7.27120
321.0	0.003115	282.93280	7.47842
345.0	0.002899	282.84491	7.69651
304.0	0.003289	282.75690	7.92626
316.0	0.003165	282.66891	8.16854
347.0	0.002882	282.58093	8.42432
315.0	0.003175	282.49304	8.69465
297.0	0.003367	282.40503	8.98069
333.0	0.003003	282.31705	9.28374
334.0	0.002994	282.22916	9.60520
353.0	0.002833	282.14117	9.94666
315.0	0.003175	282.05319	10.30987
363.0	0.002755	281.96518	10.69678
330.0	0.003030	281.87729	11.10958
334.0	0.002994	281.78931	11.55072
347.0	0.002882	281.70132	12.02293
318.0	0.003145	281.61340	12.52933
349.0	0.002865	281.52542	13.07340
356.0	0.002809	281.43744	13.65912
315.0	0.003175	281.34946	14.29101
349.0	0.002865	281.26154	14.97420
347.0	0.002882	281.17355	15.71462

340.0	0.002941	281.08557	16.51904
345.0	0.002899	280.99765	17.39532
351.0	0.002849	280.90967	18.35255
317.0	0.003155	280.82169	19.40133
369.0	0.002710	280.73370	20.55412
348.0	0.002874	280.64578	21.82558
341.0	0.002933	280.55780	23.23316
366.0	0.002732	280.46982	24.79778
359.0	0.002786	280.38184	26.54487
380.0	0.002632	280.29391	28.50567
374.0	0.002674	280.20593	30.71915
339.0	0.002950	280.11795	33.23462
346.0	0.002890	280.03003	36.11528
404.0	0.002475	279.94205	39.44282
386.0	0.002591	279.85406	43.32318
371.0	0.002695	279.76608	47.89330
428.0	0.002336	279.67816	53.32827
452.0	0.002212	279.59018	59.84835
459.0	0.002179	279.50220	67.72416
492.0	0.002033	279.41428	77.27878
491.0	0.002037	279.32629	88.88458
520.0	0.001923	279.23831	102.95113
558.0	0.001792	279.15033	119.89845
607.0	0.001647	279.06241	140.10182
648.0	0.001543	278.97443	163.78365
622.0	0.001608	278.88644	190.81012
700.0	0.001429	278.79852	220.35072
736.0	0.001359	278.71054	250.42307
777.0	0.001287	278.62256	277.55942
802.0	0.001247	278.53458	297.14792
769.0	0.001300	278.44666	304.95221
816.0	0.001225	278.35867	299.27490
783.0	0.001277	278.27069	282.00018
778.0	0.001285	278.18271	257.46423
776.0	0.001289	278.09479	230.28871
735.0	0.001361	278.00681	203.91568
667.0	0.001499	277.91882	180.31273
596.0	0.001678	277.83090	160.32375
555.0	0.001802	277.74292	144.12465
573.0	0.001745	277.65494	131.56105
534.0	0.001873	277.56696	122.35154
498.0	0.002008	277.47903	116.19966
459.0	0.002179	277.39105	112.85609
458.0	0.002183	277.30307	112.15548
483.0	0.002070	277.21515	114.04027
493.0	0.002028	277.12717	118.57630
530.0	0.001887	277.03918	125.96212
493.0	0.002028	276.95120	136.53137
564.0	0.001773	276.86328	150.74695
580.0	0.001724	276.77530	169.18385
592.0	0.001689	276.68732	192.49474
635.0	0.001575	276.59940	221.34433
653.0	0.001531	276.51141	256.28525
728.0	0.001374	276.42343	297.52115

730.0	0.001370	276.33545	344.47910
798.0	0.001253	276.24753	395.13165
871.0	0.001148	276.15955	445.18729
897.0	0.001115	276.07156	487.72610
936.0	0.001068	275.98358	514.35345
952.0	0.001050	275.89566	518.42181
1012.0	0.000988	275.80768	498.63831
917.0	0.001091	275.71970	459.85416
877.0	0.001140	275.63177	410.22699
765.0	0.001307	275.54379	357.49600
726.0	0.001377	275.45581	306.98270
660.0	0.001515	275.36783	261.49142
597.0	0.001675	275.27991	222.04424
534.0	0.001873	275.19193	188.64238
546.0	0.001832	275.10394	160.78804
512.0	0.001953	275.01602	137.78329
492.0	0.002033	274.92804	118.88671
441.0	0.002268	274.84006	103.39230
404.0	0.002475	274.75208	90.66759
443.0	0.002257	274.66418	80.16971
402.0	0.002488	274.57617	71.44785
375.0	0.002667	274.48819	64.13783
396.0	0.002525	274.40030	57.95175
384.0	0.002604	274.31232	52.66544
384.0	0.002604	274.22430	48.10595
352.0	0.002841	274.13632	44.14005
359.0	0.002786	274.04843	40.66469
378.0	0.002646	273.96045	37.59936
319.0	0.003135	273.87247	34.88034
393.0	0.002545	273.78445	32.45650
341.0	0.002933	273.69656	30.28619
330.0	0.003030	273.60858	28.33508
363.0	0.002755	273.52060	26.57458
345.0	0.002899	273.43268	24.98062
349.0	0.002865	273.34470	23.53285
330.0	0.003030	273.25671	22.21393
315.0	0.003175	273.16873	21.00898
335.0	0.002985	273.08081	19.90524
323.0	0.003096	272.99283	18.89164
335.0	0.002985	272.90485	17.95861
347.0	0.002882	272.81693	17.09779
329.0	0.003040	272.72894	16.30188
318.0	0.003145	272.64096	15.56448
350.0	0.002857	272.55298	14.87997
315.0	0.003175	272.46506	14.24338
308.0	0.003247	272.37708	13.65030
334.0	0.002994	272.28909	13.09683
311.0	0.003215	272.20117	12.57949
313.0	0.003195	272.11319	12.09518
337.0	0.002967	272.02521	11.64113
332.0	0.003012	271.93723	11.21484
322.0	0.003106	271.84930	10.81409
310.0	0.003226	271.76132	10.43684
307.0	0.003257	271.67334	10.08128

315.0	0.003175	271.58536	9.74578
298.0	0.003356	271.49744	9.42882
338.0	0.002959	271.40945	9.12906
322.0	0.003106	271.32147	8.84526
342.0	0.002924	271.23355	8.57630
331.0	0.003021	271.14557	8.32115
305.0	0.003279	271.05759	8.07888
343.0	0.002915	270.96960	7.84862
366.0	0.002732	270.88168	7.62958
325.0	0.003077	270.79370	7.42105
311.0	0.003215	270.70572	7.22234
315.0	0.003175	270.61780	7.03286
349.0	0.002865	270.52982	6.85202
346.0	0.002890	270.44183	6.67931
322.0	0.003106	270.35385	6.51424
300.0	0.003333	270.26593	6.35637
301.0	0.003322	270.17795	6.20528
294.0	0.003401	270.08997	6.06057
269.0	0.00372	270.00204	5.92190
298.0	0.003356	269.91406	5.78893
306.0	0.003268	269.82608	5.66135
306.0	0.003268	269.73810	5.53886
291.0	0.003436	269.65018	5.42120
319.0	0.003135	269.56219	5.30812
295.0	0.003390	269.47421	5.19937
304.0	0.003289	269.38623	5.09474
312.0	0.003205	269.29831	4.99402
338.0	0.002959	269.21033	4.89702
323.0	0.003096	269.12234	4.80355
302.0	0.003311	269.03442	4.71344
338.0	0.002959	268.94644	4.62654
284.0	0.00352	268.85846	4.54268
338.0	0.002959	268.77048	4.46174
314.0	0.003185	268.68256	4.38356
303.0	0.003300	268.59457	4.30804
337.0	0.002967	268.50659	4.23504
289.0	0.003460	268.41867	4.16446
347.0	0.002882	268.33069	4.09619
307.0	0.003257	268.24271	4.03012
313.0	0.003195	268.15472	3.96618
301.0	0.003322	268.06680	3.90425
329.0	0.003040	267.97882	3.84426
284.0	0.00352	267.89084	3.78614
314.0	0.003185	267.80292	3.72979
312.0	0.003205	267.71494	3.67515
314.0	0.003185	267.62695	4.39528
314.0	0.003185	267.53897	4.35072
267.0	0.00375	267.45105	4.30776
326.0	0.003067	267.36307	4.26636
317.0	0.003155	267.27509	4.22644
357.0	0.002801	267.18710	4.18797
272.0	0.00368	267.09918	4.15088
290.0	0.003448	267.01120	4.11514
314.0	0.003185	266.92322	4.08070

315.0	0.003175	266.83530	4.04751
336.0	0.002976	266.74731	4.01555
295.0	0.003390	266.65933	3.98476
314.0	0.003185	266.57135	3.95511
322.0	0.003106	266.48346	3.92658
329.0	0.003040	266.39545	3.89911
304.0	0.003289	266.30746	3.87269
321.0	0.003115	266.21957	3.84729
337.0	0.002967	266.13159	5.68011
292.0	0.003425	266.04358	5.67318
272.0	0.00368	265.95560	5.66740
315.0	0.003175	265.86771	5.66276
293.0	0.003413	265.77972	5.65923
324.0	0.003086	265.69174	5.65680
309.0	0.003236	265.60382	5.65545
320.0	0.003125	265.51584	5.65516
306.0	0.003268	265.42786	5.65592
314.0	0.003185	265.33987	5.65771
334.0	0.002994	265.25195	5.66053
270.0	0.00370	265.16397	5.66436
313.0	0.003195	265.07599	5.66919
316.0	0.003165	264.98801	5.67500
329.0	0.003040	264.90009	5.68181
305.0	0.003279	264.81210	5.68958
331.0	0.003021	264.72412	5.69832
299.0	0.003344	264.63620	5.70802
344.0	0.002907	264.54822	5.71868
337.0	0.002967	264.46024	5.73028
311.0	0.003215	264.37225	5.74283
341.0	0.002933	264.28433	5.75633
294.0	0.003401	264.19635	5.77076
311.0	0.003215	264.10837	5.78613
305.0	0.003279	264.02045	5.80243
318.0	0.003145	263.93246	5.81968
309.0	0.003236	263.84448	5.83786
345.0	0.002899	263.75650	5.85697
327.0	0.003058	263.66858	5.87702
317.0	0.003155	263.58060	5.89802
286.0	0.003497	263.49261	5.91996
290.0	0.003448	263.40469	5.94284
346.0	0.002890	263.31671	5.96668
321.0	0.003115	263.22873	5.99147
324.0	0.003086	263.14075	6.01722
315.0	0.003175	263.05283	6.04394
326.0	0.003067	262.96484	6.07164
301.0	0.003322	262.87686	6.10032
304.0	0.003289	262.78888	6.12998
303.0	0.003300	262.70096	6.16065
285.0	0.00351	262.61298	6.19232
328.0	0.003049	262.52499	6.22501
314.0	0.003185	262.43707	6.25873
306.0	0.003268	262.34909	6.29349
337.0	0.002967	262.26111	6.32930
306.0	0.003268	262.17313	6.36618

284.0	0.00352	262.08521	6.40413
331.0	0.003021	261.99722	6.44318
347.0	0.002882	261.90924	6.48334
315.0	0.003175	261.82132	6.52462
350.0	0.002857	261.73334	6.56704
297.0	0.003367	261.64536	6.61061
320.0	0.003125	261.55737	6.65537
336.0	0.002976	261.46945	6.70131
306.0	0.003268	261.38147	6.74848
296.0	0.003378	261.29349	6.79687
313.0	0.003195	261.20557	6.84653
295.0	0.003390	261.11758	6.89746
274.0	0.00365	261.17041	6.94970
316.0	0.003165	261.25839	7.00326
329.0	0.003040	261.34631	7.05818
303.0	0.003300	261.43430	7.11447
290.0	0.003448	261.52228	7.17218
353.0	0.002833	261.61026	7.23131
289.0	0.003460	261.69818	7.29192
316.0	0.003165	261.78616	7.35402
351.0	0.002849	261.87415	7.41764
302.0	0.003311	261.96207	7.48283
349.0	0.002865	262.05005	7.54962
344.0	0.002907	262.13803	7.61804
349.0	0.002865	262.22601	7.68812
324.0	0.003086	262.31393	7.75992
286.0	0.003497	262.40192	7.83346
290.0	0.003448	262.48990	7.90880
312.0	0.003205	262.57782	7.98597
345.0	0.002899	262.66580	11.89286
327.0	0.003058	262.75378	12.00790
278.0	0.00360	262.84177	12.12537
287.0	0.003484	262.92969	12.24533
305.0	0.003279	263.01767	12.36784
310.0	0.003226	263.10565	12.49297
328.0	0.003049	263.19357	12.62078
342.0	0.002924	263.28156	12.75133
316.0	0.003165	263.36954	12.88470
324.0	0.003086	263.45752	13.02096
310.0	0.003226	263.54541	13.16019
326.0	0.003067	263.63342	13.11070
295.0	0.003390	263.72141	13.25778
305.0	0.003279	263.80939	13.40805
341.0	0.002933	263.89728	13.56160
324.0	0.003086	263.98529	13.71852
301.0	0.003322	264.07327	13.87890
309.0	0.003236	264.16116	14.04284
298.0	0.003356	264.24915	14.21045
320.0	0.003125	264.33713	14.38183
311.0	0.003215	264.42514	14.55709
320.0	0.003125	264.51303	14.73635
313.0	0.003195	264.60101	14.91973
284.0	0.00352	264.68900	15.10734
282.0	0.00355	264.77692	15.29933

257.0	0.00389	264.86490	15.49583
355.0	0.002817	264.95288	15.69697
357.0	0.002801	265.04086	15.90290
346.0	0.002890	265.12878	16.11378
306.0	0.003268	265.21677	16.32977
318.0	0.003145	265.30475	16.55102
336.0	0.002976	265.39267	16.77773
337.0	0.002967	265.48065	17.01005
288.0	0.003472	265.56863	19.69509
322.0	0.003106	265.65662	19.96107
318.0	0.003145	265.74454	20.23355
301.0	0.003322	265.83252	20.51276
301.0	0.003322	265.92050	20.79893
315.0	0.003175	266.00848	21.09230
311.0	0.003215	266.09641	21.39312
303.0	0.003300	266.18439	21.35728
303.0	0.003300	266.27237	21.67684
306.0	0.003268	266.36029	22.00463
313.0	0.003195	266.44827	22.34098
312.0	0.003205	266.53625	22.68619
300.0	0.003333	266.62424	23.04060
321.0	0.003115	266.71216	23.40455
275.0	0.00364	266.80014	23.77843
300.0	0.003333	266.88812	24.16261
296.0	0.003378	266.97604	24.55750
335.0	0.002985	267.06403	24.96354
319.0	0.003135	267.15201	25.38116
318.0	0.003145	267.23999	25.81085
307.0	0.003257	267.32791	26.25311
335.0	0.002985	267.41589	26.70845
344.0	0.002907	267.50388	27.17745
341.0	0.002933	267.59180	27.66068
300.0	0.003333	267.67978	28.15877
313.0	0.003195	267.76776	28.67237
321.0	0.003115	267.85574	29.20217
336.0	0.002976	267.94366	29.74892
327.0	0.003058	268.03165	30.31339
305.0	0.003279	268.11963	30.89640
314.0	0.003185	268.20761	31.49884
302.0	0.003311	268.29553	32.12164
331.0	0.003021	268.38351	36.52033
302.0	0.003311	268.47150	37.22030
333.0	0.003003	268.55942	37.94424
316.0	0.003165	268.64740	38.69336
353.0	0.002833	268.73538	39.46893
317.0	0.003155	268.82336	40.27233
312.0	0.003205	268.91129	41.10503
335.0	0.002985	268.99927	41.96859
311.0	0.003215	269.08725	42.86470
336.0	0.002976	269.17517	43.79515
304.0	0.003289	269.26315	44.76188
342.0	0.002924	269.35114	45.76696
301.0	0.003322	269.43912	46.81262
343.0	0.002915	269.52704	47.90128



343.0	0.002915	269.61502	49.03554
369.0	0.002710	269.70300	50.21818
341.0	0.002933	269.79092	51.45225
335.0	0.002985	269.87891	52.74104
340.0	0.002941	269.96689	54.08809
333.0	0.003003	270.05487	55.49729
325.0	0.003077	270.14279	56.97283
354.0	0.002825	270.23077	58.51931
329.0	0.003040	270.31876	60.14175
346.0	0.002890	270.40674	61.84559
362.0	0.002762	270.49466	63.63686
319.0	0.003135	270.58264	65.52212
340.0	0.002941	270.67062	67.50862
360.0	0.002778	270.75854	69.60435
332.0	0.003012	270.84653	71.81810
360.0	0.002778	270.93451	74.15962
340.0	0.002941	271.02249	76.63974
328.0	0.003049	271.11041	79.27049
332.0	0.003012	271.19839	82.06528
325.0	0.003077	271.28638	85.03910
356.0	0.002809	271.37430	88.20876
359.0	0.002786	271.46228	91.59315
386.0	0.002591	271.55026	95.21358
341.0	0.002933	271.63824	99.09415
350.0	0.002857	271.72614	103.26222
355.0	0.002817	271.81415	107.74897
408.0	0.002451	271.90213	112.59002
384.0	0.002604	271.99002	117.82632
416.0	0.002404	272.07800	123.50505
413.0	0.002421	272.16602	129.68098
393.0	0.002545	272.25400	136.41798
385.0	0.002597	272.34189	143.79112
412.0	0.002427	272.42987	151.88936
406.0	0.002463	272.51785	160.81934
386.0	0.002591	272.60587	170.71024
453.0	0.002208	272.69376	181.72083
429.0	0.002331	272.78174	194.04861
465.0	0.002151	272.86972	207.94218
482.0	0.002075	272.95764	223.71701
531.0	0.001883	273.04562	241.77480
460.0	0.002174	273.13361	262.62567
543.0	0.001842	273.22159	286.91235
568.0	0.001761	273.30951	315.43265
584.0	0.001712	273.39749	349.15802
697.0	0.001435	273.48547	389.24188
774.0	0.001292	273.57339	437.01315
800.0	0.001250	273.66138	493.94479
890.0	0.001124	273.74936	561.58179
1002.0	0.000998	273.83734	641.39471
1122.0	0.000891	273.92526	734.49432
1339.0	0.000747	274.01324	841.09656
1467.0	0.000682	274.10123	959.60358
1602.0	0.000624	274.18915	1085.26624
1775.0	0.000563	274.27713	1208.84753

1933.0	0.000517	274.36511	1316.58435
2023.0	0.000494	274.45309	1393.30615
2019.0	0.000495	274.54102	1428.91809
1986.0	0.000504	274.62900	1424.38611
1890.0	0.000529	274.71698	1391.96423
1835.0	0.000545	274.80496	1349.48584
1701.0	0.000588	274.89288	1313.85889
1647.0	0.000607	274.98087	1297.79553
1716.0	0.000583	275.06885	1309.71790
1728.0	0.000579	275.15677	1354.96619
1711.0	0.000584	275.24475	1436.90588
1821.0	0.000549	275.33273	1557.36438
2108.0	0.000474	275.42072	1716.21509
2211.0	0.000452	275.50864	1909.92371
2472.0	0.000405	275.59662	2128.92529
2754.0	0.000363	275.68460	2354.25317
2913.0	0.0003433	275.77252	2555.48218
3011.0	0.0003321	275.86050	2694.12354
2967.0	0.0003370	275.94849	2735.67505
2810.0	0.000356	276.03647	2665.87427
2646.0	0.000378	276.12439	2498.48193
2392.0	0.000418	276.21237	2267.14722
2131.0	0.000469	276.30035	2009.09021
1877.0	0.000533	276.38828	1753.19910
1713.0	0.000584	276.47626	1516.79565
1526.0	0.000655	276.56424	1307.78308
1347.0	0.000742	276.65222	1128.08398
1130.0	0.000885	276.74014	976.39307
1014.0	0.000986	276.82813	849.90704
987.0	0.001013	276.91611	745.28601
938.0	0.001066	277.00409	659.16034
872.0	0.001147	277.09201	588.39026
751.0	0.001332	277.17999	530.19049
753.0	0.001328	277.26797	482.18027
682.0	0.001466	277.35590	442.38358
602.0	0.001661	277.44388	409.20081
616.0	0.001623	277.53186	381.36176
585.0	0.001709	277.61984	357.87213
532.0	0.001880	277.70776	337.95999
578.0	0.001730	277.79575	321.02750
559.0	0.001789	277.88373	306.61026
497.0	0.002012	277.97165	294.34509
539.0	0.001855	278.05963	283.94519
530.0	0.001887	278.14761	275.18192
447.0	0.002237	278.23560	267.87131
530.0	0.001887	278.32352	261.86469
471.0	0.002123	278.41150	257.04129
464.0	0.002155	278.49948	253.30368
433.0	0.002309	278.58740	250.57347
485.0	0.002062	278.67538	248.78882
500.0	0.002000	278.76337	247.90230
431.0	0.002320	278.85135	247.87904
488.0	0.002049	278.93927	248.69586
465.0	0.002151	279.02725	250.34035

471.0	0.002123	279.11523	252.81026
455.0	0.002198	279.20322	256.11331
466.0	0.002146	279.29114	260.26727
498.0	0.002008	279.37912	265.30008
423.0	0.002364	279.46710	271.25043
441.0	0.002268	279.55499	278.16855
467.0	0.002141	279.64301	286.11725
500.0	0.002000	279.73099	295.17349
532.0	0.001880	279.81897	305.42993
512.0	0.001953	279.90686	316.99759
554.0	0.001805	279.99487	330.00854
569.0	0.001757	280.08286	344.61975
543.0	0.001842	280.17075	361.01755
604.0	0.001656	280.25873	379.42410
599.0	0.001669	280.34674	400.10498
665.0	0.001504	280.43472	423.38007
682.0	0.001466	280.52261	449.63779
732.0	0.001366	280.61060	479.35529
738.0	0.001355	280.69858	513.12531
796.0	0.001256	280.78650	551.69385
901.0	0.001110	280.87448	596.01031
876.0	0.001142	280.96246	647.29211
1016.0	0.000984	281.05045	707.10596
1096.0	0.000912	281.13837	777.46356
1183.0	0.000845	281.22635	860.92590
1301.0	0.000769	281.31433	960.70734
1399.0	0.000715	281.40231	1080.76355
1594.0	0.000627	281.49023	1225.84326
1758.0	0.000569	281.57822	1401.47839
1908.0	0.000524	281.66620	1613.87976
2087.0	0.000479	281.75412	1869.67529
2349.0	0.000426	281.84210	2175.38452
2607.0	0.000384	281.93008	2536.39746
2992.0	0.0003342	282.01807	2955.04810
3145.0	0.0003180	282.10599	3427.18213
3490.0	0.0002865	282.19397	3936.72534
3709.0	0.0002696	282.28195	4448.93408
4027.0	0.0002483	282.36987	4906.16016
4126.0	0.0002424	282.45786	5234.04834
4244.0	0.0002356	282.54584	5364.58496
4305.0	0.0002323	282.63382	5268.09326
4214.0	0.0002373	282.72174	4969.93457
3949.0	0.0002532	282.80972	4536.21387
3582.0	0.0002792	282.89771	4042.03467
3325.0	0.0003008	282.98563	3547.08984
2949.0	0.0003391	283.07361	3088.17603
2661.0	0.000376	283.16159	2682.89160
2417.0	0.000414	283.24957	2336.38892
2087.0	0.000479	283.33749	2046.98523
2004.0	0.000499	283.42548	1809.76343
1705.0	0.000587	283.51346	1618.61572
1654.0	0.000605	283.60144	1467.34424
1596.0	0.000627	283.68936	1350.24744
1457.0	0.000686	283.77734	1262.43225

1426.0	0.000701	283.86533	1199.97742
1377.0	0.000726	283.95325	1160.00586
1456.0	0.000687	284.04123	1140.69897
1411.0	0.000709	284.12921	1141.27856
1421.0	0.000704	284.21719	1161.96350
1513.0	0.000661	284.30511	1203.90967
1622.0	0.000617	284.39310	1269.12805
1678.0	0.000596	284.48108	1360.36768
1790.0	0.000559	284.56900	1480.93945
1986.0	0.000504	284.65698	1634.42932
2233.0	0.000448	284.74496	1824.19653
2440.0	0.000410	284.83295	2052.46289
2838.0	0.000352	284.92087	2318.66406
3148.0	0.0003177	285.00885	2616.68628
3503.0	0.0002855	285.09683	2930.91797
3885.0	0.0002574	285.18475	3232.35107
4170.0	0.0002398	285.27274	3478.45996
4424.0	0.0002260	285.36072	3622.10034
4383.0	0.0002282	285.44870	3630.01587
4294.0	0.0002329	285.53662	3500.17505
3951.0	0.0002531	285.62460	3262.93018
3612.0	0.0002769	285.71259	2964.88867
3198.0	0.0003127	285.80057	2649.77173
2779.0	0.000360	285.88849	2348.25879
2513.0	0.000398	285.97647	2077.33154
2179.0	0.000459	286.06445	1843.97705
1946.0	0.000514	286.15237	1650.44946
1832.0	0.000546	286.24036	1492.32324
1681.0	0.000595	286.32834	1367.52234
1593.0	0.000628	286.41632	1272.46021
1524.0	0.000656	286.50424	1203.78455
1516.0	0.000660	286.59222	1158.68201
1486.0	0.000673	286.68021	1135.06445
1410.0	0.000709	286.76813	1131.68884
1542.0	0.000649	286.85611	1148.23999
1488.0	0.000672	286.94409	1185.38708
1659.0	0.000603	287.03207	1244.82019
1693.0	0.000591	287.12000	1329.26074
1890.0	0.000529	287.20798	1442.43738
1994.0	0.000502	287.29596	1589.00525
2168.0	0.000461	287.38388	1774.37854
2424.0	0.000413	287.47186	2004.41541
2653.0	0.000377	287.55984	2284.83594
2872.0	0.0003482	287.64783	2620.14185
3107.0	0.0003219	287.73572	3011.61572
3636.0	0.0002750	287.82373	3453.84326
4047.0	0.0002471	287.91171	3929.35376
4288.0	0.0002332	287.99969	4402.30469
4591.0	0.0002178	288.08759	4815.28027
4904.0	0.0002039	288.17560	5096.82275
4920.0	0.0002033	288.26358	5184.75928
4837.0	0.0002067	288.35147	5055.89209
4574.0	0.0002186	288.43945	4738.93896
4153.0	0.0002408	288.52744	4298.56543

3762.0	0.0002658	288.61545	3805.35718
3344.0	0.0002990	288.70334	3314.18457
2996.0	0.0003338	288.79132	2858.31372
2680.0	0.000373	288.87930	2453.29907
2363.0	0.000423	288.96722	2103.31519
2198.0	0.000455	289.05521	1806.29468
1891.0	0.000529	289.14319	1557.19739
1769.0	0.000565	289.23117	1349.85925
1673.0	0.000598	289.31909	1177.97705
1425.0	0.000702	289.40707	1035.62085
1319.0	0.000758	289.49506	917.48877
1239.0	0.000807	289.58298	819.01337
1108.0	0.000903	289.67096	736.37695
1026.0	0.000975	289.75894	666.46619
909.0	0.001100	289.84692	606.79236
887.0	0.001127	289.93484	555.39447
852.0	0.001174	290.02283	510.74091
766.0	0.001305	290.11081	471.63818
763.0	0.001311	290.19879	437.15381
705.0	0.001418	290.28671	406.55322
711.0	0.001406	290.37469	379.25113
677.0	0.001477	290.46268	354.77527
610.0	0.001639	290.55060	332.73926
561.0	0.001783	290.63858	312.82339
583.0	0.001715	290.72656	294.76007
587.0	0.001704	290.81454	278.32346
541.0	0.001848	290.90247	263.32147
523.0	0.001912	290.99045	249.58958
531.0	0.001883	291.07843	236.98648
479.0	0.002088	291.16635	225.38989
461.0	0.002169	291.25433	214.69370
476.0	0.002101	291.34232	204.80550
465.0	0.002151	291.43030	195.64442
427.0	0.002342	291.51822	187.13957
456.0	0.002193	291.60620	179.22847
464.0	0.002155	291.69418	171.85603
407.0	0.002457	291.78210	164.97343
448.0	0.002232	291.87009	158.53728
433.0	0.002309	291.95807	152.50899
387.0	0.002584	292.04605	146.85403
383.0	0.002611	292.13397	141.54158
428.0	0.002336	292.22195	136.54391
397.0	0.002519	292.30994	131.83612
383.0	0.002611	292.39792	127.39574
421.0	0.002375	292.48584	123.20247
394.0	0.002538	292.57382	119.23798
356.0	0.002809	292.66180	115.48559
381.0	0.002625	292.74973	111.93018
395.0	0.002532	292.83771	108.55794
377.0	0.002653	292.92569	105.35632
387.0	0.002584	293.01367	102.31384
381.0	0.002625	293.10159	99.41998
383.0	0.002611	293.18958	96.66512
399.0	0.002506	293.27756	94.04041

320.0	0.003125	293.36548	91.53772
338.0	0.002959	293.45346	90.01653
339.0	0.002950	293.54144	87.74374
358.0	0.002793	293.62943	85.57233
357.0	0.002801	293.71735	83.49641
334.0	0.002994	293.80533	81.51055
349.0	0.002865	293.89331	79.60966
363.0	0.002755	293.98123	77.78911
369.0	0.002710	294.06921	76.04454
359.0	0.002786	294.15720	74.37189
384.0	0.002604	294.24518	72.76743
370.0	0.002703	294.33310	70.44730
322.0	0.003106	294.42108	68.97579
384.0	0.002604	294.50906	67.56256
400.0	0.002500	294.59705	66.20477
301.0	0.003322	294.68497	64.89974
317.0	0.003155	294.77295	63.64501
344.0	0.002907	294.86093	62.43824
307.0	0.003257	294.94885	61.27726
331.0	0.003021	295.03683	60.16002
326.0	0.003067	295.12482	59.08461
340.0	0.002941	295.21280	58.04924
300.0	0.003333	295.30072	57.05220
363.0	0.002755	295.38870	56.09193
317.0	0.003155	295.47668	55.16693
353.0	0.002833	295.56461	54.27579
316.0	0.003165	295.65259	53.41722
344.0	0.002907	295.74057	52.58996
330.0	0.003030	295.82855	49.93595
346.0	0.002890	295.91644	49.18421
322.0	0.003106	296.00446	48.46028
348.0	0.002874	296.09244	47.76320
326.0	0.003067	296.18033	47.09206
321.0	0.003115	296.26831	46.44600
335.0	0.002985	296.35632	45.82423
331.0	0.003021	296.44431	45.22600
341.0	0.002933	296.53220	44.65059
351.0	0.002849	296.62018	44.09734
344.0	0.002907	296.70816	43.56563
304.0	0.003289	296.79617	43.05490
339.0	0.002950	296.88406	42.56457
307.0	0.003257	296.97205	42.09417
350.0	0.002857	297.06003	41.64322
349.0	0.002865	297.14795	41.21127
335.0	0.002985	297.23593	40.79792
293.0	0.003413	297.32391	40.40283
333.0	0.003003	297.41190	40.02563
327.0	0.003058	297.49982	39.66601
328.0	0.003049	297.58780	39.32371
306.0	0.003268	297.67578	38.99847
332.0	0.003012	297.76370	38.69006
317.0	0.003155	297.85168	38.39830
327.0	0.003058	297.93967	38.12300
339.0	0.002950	298.00049	37.86406

314.0	0.003185	297.95313	37.62133
348.0	0.002874	297.90570	37.39475
347.0	0.002882	297.85831	37.18426
313.0	0.003195	297.81094	36.98983
315.0	0.003175	297.76352	36.81147
320.0	0.003125	297.71613	36.64920
314.0	0.003185	297.66870	36.50309
333.0	0.003003	297.62134	36.37323
314.0	0.003185	297.57391	36.25975
347.0	0.002882	297.52652	36.16280
342.0	0.002924	297.47910	36.08257
367.0	0.002725	297.43173	36.01929
340.0	0.002941	297.38431	35.97322
338.0	0.002959	297.33691	35.94468
313.0	0.003195	297.28952	35.93399
331.0	0.003021	297.24213	35.94154
298.0	0.003356	297.19470	35.96778
326.0	0.003067	297.14731	36.01319
338.0	0.002959	297.09991	36.07829
282.0	0.00355	297.05252	36.16368
348.0	0.002874	297.00510	36.27000
334.0	0.002994	296.95773	36.39797
318.0	0.003145	296.91031	36.54838
355.0	0.002817	296.86292	36.72208
344.0	0.002907	296.81549	36.91999
328.0	0.003049	296.76813	37.14316
338.0	0.002959	296.72073	37.39269
321.0	0.003115	296.67331	37.66981
313.0	0.003195	296.62595	37.97584
339.0	0.002950	296.57852	38.31224
305.0	0.003279	296.53113	38.68061
335.0	0.002985	296.48370	39.08266
347.0	0.002882	296.43634	39.52030
341.0	0.002933	296.38892	39.99559
330.0	0.003030	296.34152	40.51081
333.0	0.003003	296.29410	41.06844
348.0	0.002874	296.24673	41.67119
326.0	0.003067	296.19931	42.32206
349.0	0.002865	296.15192	43.02432
349.0	0.002865	296.10452	43.78158
351.0	0.002849	296.05713	44.59782
317.0	0.003155	296.00970	45.47743
327.0	0.003058	295.96231	46.42524
358.0	0.002793	295.91492	47.44662
310.0	0.003226	295.86752	48.54753
377.0	0.002653	295.82010	49.73453
308.0	0.003247	295.77274	51.01500
358.0	0.002793	295.72531	52.39711
357.0	0.002801	295.67792	53.89001
344.0	0.002907	295.63049	51.67322
350.0	0.002857	295.58313	53.45335
366.0	0.002732	295.53574	55.37851
386.0	0.002591	295.48831	57.46331
364.0	0.002747	295.44095	59.72425

401.0	0.002494	295.39352	62.18007
341.0	0.002933	295.34613	64.85207
377.0	0.002653	295.29871	67.76456
365.0	0.002740	295.25134	70.94539
375.0	0.002667	295.20392	74.42651
378.0	0.002646	295.15652	78.24481
373.0	0.002681	295.10910	82.44296
411.0	0.002433	295.06174	87.07062
384.0	0.002604	295.01431	92.18586
433.0	0.002309	294.96692	97.85700
479.0	0.002088	294.91953	104.16507
437.0	0.002288	294.87213	111.20702
484.0	0.002066	294.82471	119.10011
471.0	0.002123	294.77731	127.98785
530.0	0.001887	294.72992	138.04817
570.0	0.001754	294.68253	149.50441
506.0	0.001976	294.63510	162.63971
554.0	0.001805	294.58774	177.81551
583.0	0.001715	294.54034	195.49408
592.0	0.001689	294.49292	216.26451
680.0	0.001471	294.44550	240.87042
621.0	0.001610	294.39813	271.39822
755.0	0.001325	294.35074	306.66364
752.0	0.001330	294.30331	349.16052
831.0	0.001203	294.25595	400.44058
858.0	0.001166	294.20853	462.23303
852.0	0.001174	294.16113	536.37219
1004.0	0.000996	294.11371	622.20447
1006.0	0.000994	294.06635	726.13721
1121.0	0.000892	294.01892	846.37421
1158.0	0.000864	293.97153	981.89545
1222.0	0.000818	293.92410	1128.59094
1304.0	0.000767	293.87674	1277.48779
1361.0	0.000735	293.82932	1413.46179
1394.0	0.000717	293.78192	1516.32593
1374.0	0.000728	293.73453	1566.17163
1478.0	0.000677	293.68713	1551.79553
1449.0	0.000690	293.63971	1476.57227
1422.0	0.000703	293.59232	1356.60706
1376.0	0.000727	293.54492	1212.87488
1251.0	0.000799	293.49753	1063.70020
1241.0	0.000806	293.45010	921.41943
1092.0	0.000916	293.40274	792.62970
999.0	0.001001	293.35535	679.86584
925.0	0.001081	293.30792	583.26532
895.0	0.001117	293.26050	501.69397
726.0	0.001377	293.21313	433.49167
771.0	0.001297	293.16574	376.82208
659.0	0.001517	293.11832	329.88559
632.0	0.001582	293.07095	291.02628
578.0	0.001730	293.02353	258.78372
594.0	0.001684	292.97614	231.91156
470.0	0.002128	292.92871	209.37466
534.0	0.001873	292.88135	190.33231



493.0	0.002028	292.83392	174.11369
494.0	0.002024	292.78653	160.19023
475.0	0.002105	292.73911	148.14838
451.0	0.002217	292.69174	137.66496
427.0	0.002342	292.64432	128.48648
416.0	0.002404	292.59692	120.41252
351.0	0.002849	292.54953	109.53210
410.0	0.002439	292.50214	103.25001
406.0	0.002463	292.45471	97.67599
426.0	0.002347	292.40732	92.72227
427.0	0.002342	292.35995	88.31554
377.0	0.002653	292.31253	84.39422
388.0	0.002577	292.26511	80.90623
391.0	0.002558	292.21774	77.80747
394.0	0.002538	292.17035	75.06044
369.0	0.002710	292.12292	72.63326
364.0	0.002747	292.07553	70.49889
358.0	0.002793	292.02814	68.63438
335.0	0.002985	291.98074	69.10208
371.0	0.002695	291.93332	67.74124
383.0	0.002611	291.88596	66.60189
385.0	0.002597	291.83853	65.67326
372.0	0.002688	291.79114	64.94704
363.0	0.002755	291.74371	64.41703
330.0	0.003030	291.69635	64.07910
384.0	0.002604	291.64893	63.93115
318.0	0.003145	291.60153	63.97298
400.0	0.002500	291.55411	64.20645
387.0	0.002584	291.50674	64.63539
307.0	0.003257	291.45932	65.26580
361.0	0.002770	291.41193	66.10593
405.0	0.002469	291.36453	67.16656
332.0	0.003012	291.31714	68.46114
366.0	0.002732	291.26971	70.00628
383.0	0.002611	291.22232	71.82204
407.0	0.002457	291.17496	73.93257
386.0	0.002591	291.12753	76.36671
404.0	0.002475	291.08011	79.15885
402.0	0.002488	291.03275	82.35011
436.0	0.002294	290.98535	85.98965
410.0	0.002439	290.93793	90.13665
420.0	0.002381	290.89053	94.86289
435.0	0.002299	290.84314	100.25619
447.0	0.002237	290.79575	106.42520
456.0	0.002193	290.74832	113.50582
490.0	0.002041	290.70096	121.66989
460.0	0.002174	290.65353	131.13623
534.0	0.001873	290.60614	142.18454
528.0	0.001894	290.55872	155.17201
540.0	0.001852	290.51135	170.55156
588.0	0.001701	290.46393	188.89069
597.0	0.001675	290.41653	210.88831
644.0	0.001553	290.36911	237.38672
673.0	0.001486	290.32175	269.37454

659.0	0.001517	290.27432	307.97610
762.0	0.001312	290.22693	354.41931
836.0	0.001196	290.17957	409.96909
885.0	0.001130	290.13214	475.80063
950.0	0.001053	290.08472	552.76111
978.0	0.001022	290.03732	640.93921
1137.0	0.000880	289.98996	738.93561
1165.0	0.000858	289.94254	842.79053
1260.0	0.000794	289.89514	944.80029
1369.0	0.000730	289.84775	1033.06396
1437.0	0.000696	289.80035	1093.18030
1422.0	0.000703	289.75293	1112.87585
1456.0	0.000687	289.70554	1087.64758
1373.0	0.000728	289.65814	1023.16296
1245.0	0.000803	289.61075	932.26709
1215.0	0.000823	289.56332	829.25061
1061.0	0.000943	289.51596	725.54175
1050.0	0.000952	289.46854	628.34247
937.0	0.001067	289.42114	541.23779
863.0	0.001159	289.37372	465.39691
828.0	0.001208	289.32635	400.60721
792.0	0.001263	289.27893	345.96320
741.0	0.001350	289.23154	300.26852
703.0	0.001422	289.18411	262.25668
647.0	0.001546	289.13675	230.70876
623.0	0.001605	289.08932	204.51482
533.0	0.001876	289.04193	182.70273
533.0	0.001876	288.99457	164.44690
548.0	0.001825	288.94714	149.06404
501.0	0.001996	288.89972	136.00035
487.0	0.002053	288.85233	124.81435
488.0	0.002049	288.80496	115.15794
452.0	0.002212	288.75754	106.75831
426.0	0.002347	288.71014	99.40158
449.0	0.002227	288.66275	92.91936
461.0	0.002169	288.61536	87.17780
424.0	0.002358	288.56793	82.06937
456.0	0.002193	288.52054	77.50655
385.0	0.002597	288.47314	73.41726
466.0	0.002146	288.42575	69.74143
401.0	0.002494	288.37833	66.42857
446.0	0.002242	288.33096	63.43586
445.0	0.002247	288.28354	60.72677
399.0	0.002506	288.23615	58.26998
400.0	0.002500	288.18872	56.03846
410.0	0.002439	288.14136	54.00884
369.0	0.002710	288.09393	52.16080
382.0	0.002618	288.04654	50.47665
353.0	0.002833	287.99911	48.94094
379.0	0.002639	287.95175	47.54009
395.0	0.002532	287.90433	46.26222
339.0	0.002950	287.85693	45.09684
361.0	0.002770	287.80957	44.03471
387.0	0.002584	287.76215	43.06767

388.0	0.002577	287.71475	42.18846
355.0	0.002817	287.66733	41.39071
369.0	0.002710	287.61996	40.66873
374.0	0.002674	287.57254	40.30881
371.0	0.002695	287.52515	39.72643
378.0	0.002646	287.47775	39.20639
389.0	0.002571	287.43036	38.74518
380.0	0.002632	287.38293	38.33972
360.0	0.002778	287.33554	37.98727
387.0	0.002584	287.28815	37.68543
343.0	0.002915	287.24075	37.43211
370.0	0.002703	287.19333	37.22549
364.0	0.002747	287.14597	37.06402
347.0	0.002882	287.09854	36.94638
429.0	0.002331	287.05115	36.87146
365.0	0.002740	287.00372	36.83839
359.0	0.002786	286.95636	36.84647
364.0	0.002747	286.90894	36.89520
336.0	0.002976	286.86154	36.98429
387.0	0.002584	286.81412	37.11358
360.0	0.002778	286.76675	37.28314
382.0	0.002618	286.71933	37.49316
377.0	0.002653	286.67194	37.74407
385.0	0.002597	286.62457	38.03643
376.0	0.002660	286.57715	38.37099
370.0	0.002703	286.52975	38.74870
388.0	0.002577	286.48233	39.17071
351.0	0.002849	286.43497	39.63836
342.0	0.002924	286.38754	40.15321
379.0	0.002639	286.34015	40.71705
400.0	0.002500	286.29276	41.33194
372.0	0.002688	286.24536	42.00017
404.0	0.002475	286.19794	42.72435
349.0	0.002865	286.15054	43.50737
373.0	0.002681	286.10315	44.35251
394.0	0.002538	286.05576	45.26338
382.0	0.002618	286.00833	46.24404
375.0	0.002667	285.96097	47.29901
384.0	0.002604	285.91354	48.43331
396.0	0.002525	285.86615	49.65255
416.0	0.002404	285.81873	50.96300
410.0	0.002439	285.77136	52.37162
419.0	0.002387	285.72394	53.88623
396.0	0.002525	285.67654	55.51553
445.0	0.002247	285.62912	57.26933
406.0	0.002463	285.58176	59.15862
409.0	0.002445	285.53436	61.19575
426.0	0.002347	285.48694	63.39468
382.0	0.002618	285.43958	65.77115
414.0	0.002415	285.39215	68.34306
426.0	0.002347	285.34476	71.13065
423.0	0.002364	285.29733	74.15712
446.0	0.002242	285.24997	77.44888
452.0	0.002212	285.20255	81.03628

426.0	0.002347	285.15515	84.95423
465.0	0.002151	285.10776	89.24317
444.0	0.002252	285.06036	93.95000
436.0	0.002294	285.01294	99.12953
458.0	0.002183	284.96555	104.84619
433.0	0.002309	284.91815	111.17639
466.0	0.002146	284.87076	118.21155
469.0	0.002132	284.82333	126.06224
471.0	0.002123	284.77597	134.86383
500.0	0.002000	284.72855	144.78413
500.0	0.002000	284.68115	156.03352
512.0	0.001953	284.63373	168.87798
551.0	0.001815	284.58636	183.65578
619.0	0.001616	284.53894	200.79689
599.0	0.001669	284.49155	220.84534
659.0	0.001517	284.44412	244.48230
722.0	0.001385	284.39676	272.54733
743.0	0.001346	284.34937	306.05505
821.0	0.001218	284.30194	346.20157
843.0	0.001186	284.25458	394.35654
945.0	0.001058	284.20715	452.03186
1039.0	0.000962	284.15976	520.81494
1138.0	0.000879	284.11234	602.23901
1262.0	0.000792	284.06497	697.54425
1321.0	0.000757	284.01755	807.24005
1478.0	0.000677	283.97015	930.34924
1556.0	0.000643	283.92276	1063.23523
1680.0	0.000595	283.87537	1198.13074
1708.0	0.000585	283.82794	1322.07104
2003.0	0.000499	283.78055	1417.74817
1974.0	0.000507	283.73315	1467.80701
1858.0	0.000538	283.68576	1461.80518
1914.0	0.000522	283.63834	1401.44604
1866.0	0.000536	283.59097	1299.68042
1846.0	0.000542	283.54355	1174.48376
1591.0	0.000629	283.49615	1042.30212
1425.0	0.000702	283.44873	914.72430
1343.0	0.000745	283.40137	798.31219
1102.0	0.000907	283.35397	695.88867
1078.0	0.000928	283.30655	607.96796
984.0	0.001016	283.25912	533.81659
843.0	0.001186	283.21176	472.11371
860.0	0.001163	283.16437	421.32590
731.0	0.001368	283.11694	379.91135
706.0	0.001416	283.06958	346.42911
633.0	0.001580	283.02216	318.38171
691.0	0.001447	282.97476	297.10046
660.0	0.001515	282.92734	280.43817
616.0	0.001623	282.87997	267.63922
587.0	0.001704	282.83255	258.09146
600.0	0.001667	282.78516	251.29498
581.0	0.001721	282.73776	246.82982
573.0	0.001745	282.69037	244.33406
483.0	0.002070	282.64294	243.50609

568.0	0.001761	282.59555	244.13603
599.0	0.001669	282.54816	246.14659
555.0	0.001802	282.50076	249.60428
591.0	0.001692	282.45334	254.68666
606.0	0.001650	282.40598	261.63229
633.0	0.001580	282.35855	270.70932
648.0	0.001543	282.31116	282.21466
618.0	0.001618	282.26373	296.49567
678.0	0.001475	282.21637	313.98169
745.0	0.001342	282.16898	335.22119
723.0	0.001383	282.12155	360.92072
768.0	0.001302	282.07413	391.98611
791.0	0.001264	282.02676	429.56421
914.0	0.001094	281.97937	475.08035
942.0	0.001062	281.93195	530.26733
1005.0	0.000995	281.88458	597.17780
1017.0	0.000983	281.83716	678.17047
1156.0	0.000865	281.78976	775.85815
1312.0	0.000762	281.74234	892.99475
1475.0	0.000678	281.69498	1032.25891
1617.0	0.000618	281.64755	1195.85254
1800.0	0.000556	281.60016	1384.77112
2033.0	0.000492	281.55276	1597.53833
2204.0	0.000454	281.50537	1828.22705
2429.0	0.000412	281.45795	2063.92285
2640.0	0.000379	281.41055	2282.72876
2811.0	0.000356	281.36316	2454.81885
2983.0	0.0003352	281.31577	2549.29126
2898.0	0.0003451	281.26834	2546.04053
2843.0	0.000352	281.22098	2445.59180
2576.0	0.000388	281.17358	2268.82446
2393.0	0.000418	281.12616	2046.82446
2164.0	0.000462	281.07874	1809.13904
1917.0	0.000522	281.03137	1577.21997
1745.0	0.000573	280.98398	1363.58813
1543.0	0.000648	280.93655	1173.89526
1322.0	0.000756	280.88916	1009.45135
1327.0	0.000754	280.84177	869.16840
1102.0	0.000907	280.79437	750.79395
1020.0	0.000980	280.74695	651.62250
930.0	0.001075	280.69958	568.88428
928.0	0.001078	280.65216	499.95514
862.0	0.001160	280.60477	442.46582
768.0	0.001302	280.55734	394.35138
727.0	0.001376	280.50998	353.86288
723.0	0.001383	280.46255	319.55438
666.0	0.001502	280.41516	290.25351
586.0	0.001706	280.36777	265.02386
659.0	0.001517	280.32037	243.12515
603.0	0.001658	280.27295	223.97501
568.0	0.001761	280.22556	207.11478
555.0	0.001802	280.17816	192.18164
526.0	0.001901	280.13077	178.88600
502.0	0.001992	280.08334	166.99408

486.0	0.002058	280.03598	156.31483
475.0	0.002105	279.98859	146.69040
471.0	0.002123	279.94116	137.98888
460.0	0.002174	279.89374	130.09906
428.0	0.002336	279.84637	122.92653
484.0	0.002066	279.79898	116.39060
429.0	0.002331	279.75156	110.42201
438.0	0.002283	279.70416	104.96113
401.0	0.002494	279.65677	99.95644
403.0	0.002481	279.60938	95.36328
389.0	0.002571	279.56195	91.14304
412.0	0.002427	279.51459	87.26204
373.0	0.002681	279.46716	83.69108
394.0	0.002538	279.41977	80.40461
388.0	0.002577	279.37234	77.38021
410.0	0.002439	279.32498	74.59791
385.0	0.002597	279.27756	72.03941
344.0	0.002907	279.23016	69.68711
354.0	0.002825	279.18277	67.52279
420.0	0.002381	279.13538	65.52618
358.0	0.002793	279.08795	63.67408
395.0	0.002532	279.04056	61.07552
383.0	0.002611	278.99316	59.44749
371.0	0.002695	278.94577	57.90155
371.0	0.002695	278.89835	56.43458
379.0	0.002639	278.85098	55.05314
356.0	0.002809	278.80359	53.76788
374.0	0.002674	278.75616	52.58842
377.0	0.002653	278.70877	51.52094
352.0	0.002841	278.66138	50.56839
396.0	0.002525	278.61398	49.73157
369.0	0.002710	278.56656	49.01031
327.0	0.003058	278.51917	48.40434
368.0	0.002717	278.47177	47.91388
345.0	0.002899	278.42438	47.53999
376.0	0.002660	278.37695	47.28484
362.0	0.002762	278.32959	47.15188
346.0	0.002890	278.28217	47.14611
339.0	0.002950	278.23477	47.27420
346.0	0.002890	278.18735	47.54488
369.0	0.002710	278.13998	47.96915
331.0	0.003021	278.09256	48.56078
345.0	0.002899	278.04517	49.70890
335.0	0.002985	277.99777	50.69393
384.0	0.002604	277.95038	51.91100
307.0	0.003257	277.90295	53.39310
384.0	0.002604	277.85556	55.18178
308.0	0.003247	277.80820	57.32973
361.0	0.002770	277.76077	59.90414
383.0	0.002611	277.71335	62.99069
335.0	0.002985	277.66599	66.69831
390.0	0.002564	277.61859	71.16445
342.0	0.002924	277.57117	76.56024
340.0	0.002941	277.52377	83.09515

376.0	0.002660	277.47638	91.02019
392.0	0.002551	277.42899	100.62843
367.0	0.002725	277.38156	112.25197
389.0	0.002571	277.33417	126.25270
384.0	0.002604	277.28677	143.00404
410.0	0.002439	277.23938	162.85661
406.0	0.002463	277.19196	186.07483
420.0	0.002381	277.14459	212.72379
429.0	0.002331	277.09717	242.47800
504.0	0.001984	277.04977	274.33481
504.0	0.001984	277.00235	306.27576
503.0	0.001988	276.95499	335.06277
601.0	0.001664	276.90756	356.53061
509.0	0.001965	276.86017	366.68250
497.0	0.002012	276.81277	363.30933
490.0	0.002041	276.76538	347.08344
491.0	0.002037	276.71796	321.21152
444.0	0.002252	276.67056	289.95129
420.0	0.002381	276.62320	257.13577
446.0	0.002242	276.57578	225.45186
427.0	0.002342	276.52838	196.42160
388.0	0.002577	276.48099	170.70200
427.0	0.002342	276.43359	148.41281
358.0	0.002793	276.38617	129.38037
320.0	0.003125	276.33878	113.29029
364.0	0.002747	276.29138	99.77518
382.0	0.002618	276.24399	88.46273
360.0	0.002778	276.19656	79.00194
371.0	0.002695	276.14917	71.07649
357.0	0.002801	276.10178	64.41103
364.0	0.002747	276.05438	58.77240
330.0	0.003030	276.00696	53.96767
382.0	0.002618	275.95959	49.99846
354.0	0.002825	275.91217	46.42456
342.0	0.002924	275.86478	43.30357
346.0	0.002890	275.81735	40.55724
381.0	0.002625	275.76999	38.12384
342.0	0.002924	275.72256	35.95441
330.0	0.003030	275.67517	34.00977
306.0	0.003268	275.62781	32.25824
327.0	0.003058	275.58038	30.67385
391.0	0.002558	275.53296	29.23512
305.0	0.003279	275.48557	27.92404
385.0	0.002597	275.43820	26.72538
337.0	0.002967	275.39078	25.62619
329.0	0.003040	275.34338	24.61535
335.0	0.002985	275.29599	23.68325
345.0	0.002899	275.24860	22.82160
345.0	0.002899	275.20117	22.02317
331.0	0.003021	275.15378	21.28163
331.0	0.003021	275.10638	20.59147
346.0	0.002890	275.05899	19.94780
343.0	0.002915	275.01157	19.34633
315.0	0.003175	274.96417	18.78328

321.0	0.003115	274.91678	18.25526
323.0	0.003096	274.86938	17.75927
332.0	0.003012	274.82196	17.29265
319.0	0.003135	274.77460	16.85299
365.0	0.002740	274.72717	16.43816
343.0	0.002915	274.67978	16.04623
338.0	0.002959	274.63235	15.67546
318.0	0.003145	274.58499	15.32429
335.0	0.002985	274.53757	14.99130
298.0	0.003356	274.49017	14.67520
306.0	0.003268	274.44281	14.37484
339.0	0.002950	274.39539	14.08915
295.0	0.003390	274.34799	13.81717
341.0	0.002933	274.30057	13.55802
358.0	0.002793	274.25320	13.31088
321.0	0.003115	274.20578	13.07503
305.0	0.003279	274.15839	12.84978
360.0	0.002778	274.11099	12.63452
344.0	0.002907	274.06360	12.42868
327.0	0.003058	274.01617	12.23172
302.0	0.003311	273.96878	12.04317
336.0	0.002976	273.92139	11.86257
304.0	0.003289	273.87399	11.68952
321.0	0.003115	273.82657	11.52363
337.0	0.002967	273.77917	11.36454
303.0	0.003300	273.73178	11.21193
337.0	0.002967	273.68439	11.06549
294.0	0.003401	273.63696	10.92495
318.0	0.003145	273.58960	10.79003
310.0	0.003226	273.54218	10.66050
327.0	0.003058	273.49478	10.53613
307.0	0.003257	273.44736	10.41670
294.0	0.003401	273.39999	10.30202
294.0	0.003401	273.44202	10.19191
332.0	0.003012	273.48404	10.08619
310.0	0.003226	273.52603	9.98471
353.0	0.002833	273.56805	9.88732
350.0	0.002857	273.61005	9.79389
326.0	0.003067	273.65207	9.70427
314.0	0.003185	273.69406	9.61836
352.0	0.002841	273.73608	8.37741
350.0	0.002857	273.77811	8.30877
312.0	0.003205	273.82010	8.24340
309.0	0.003236	273.86212	8.18120
310.0	0.003226	273.90414	8.12210
294.0	0.003401	273.94617	8.06602
344.0	0.002907	273.98816	8.01290
341.0	0.002933	274.03015	7.96267
321.0	0.003115	274.07217	7.91528
335.0	0.002985	274.11420	7.87068
356.0	0.002809	274.15619	7.82881
312.0	0.003205	274.19821	7.78965
324.0	0.003086	274.24023	7.75315
356.0	0.002809	274.28223	7.71929



349.0	0.002865	274.32425	7.68803
321.0	0.003115	274.36627	7.65936
366.0	0.002732	274.40829	7.63325
311.0	0.003215	274.45026	7.60969
348.0	0.002874	274.49228	7.58868
357.0	0.002801	274.53430	7.57020
346.0	0.002890	274.57629	7.55426
310.0	0.003226	274.61832	7.54086
346.0	0.002890	274.66034	7.53000
333.0	0.003003	274.70236	7.52170
327.0	0.003058	274.74435	7.50731
323.0	0.003096	274.78638	7.50425
311.0	0.003215	274.82837	7.50381
305.0	0.003279	274.87036	7.50602
350.0	0.002857	274.91238	7.51091
320.0	0.003125	274.95441	7.51852
373.0	0.002681	274.99643	7.52890
364.0	0.002747	275.03842	7.54209
342.0	0.002924	275.08044	7.55815
326.0	0.003067	275.12247	7.57714
307.0	0.003257	275.16449	7.59914
339.0	0.002950	275.20645	7.62420
359.0	0.002786	275.24847	7.65242
324.0	0.003086	275.29050	7.68389
375.0	0.002667	275.33249	7.71870
321.0	0.003115	275.37451	7.75695
351.0	0.002849	275.41653	7.79876
304.0	0.003289	275.45856	7.84425
342.0	0.002924	275.50055	7.89357
365.0	0.002740	275.54257	7.94686
282.0	0.00355	275.58459	8.00428
340.0	0.002941	275.62656	8.06602
317.0	0.003155	275.66858	8.13226
309.0	0.003236	275.71060	8.20323
343.0	0.002915	275.75262	8.27916
355.0	0.002817	275.79462	8.36029
365.0	0.002740	275.83664	8.44692
372.0	0.002688	275.87866	6.45860
344.0	0.002907	275.92065	6.57542
366.0	0.002732	275.96268	6.69843
374.0	0.002674	276.00467	6.82797
342.0	0.002924	276.04669	6.96437
373.0	0.002681	276.08868	7.10792
375.0	0.002667	276.13071	7.25883
377.0	0.002653	276.17273	7.41718
367.0	0.002725	276.21475	7.58295
380.0	0.002632	276.25674	7.75602
382.0	0.002618	276.29877	7.93642
382.0	0.002618	276.34079	8.12452
382.0	0.002618	276.38278	8.32114
382.0	0.002618	276.42477	8.52746
373.0	0.002681	276.46680	8.74483
386.0	0.002591	276.50882	8.97456
326.0	0.003067	276.55081	9.21788

340.0	0.002941	276.59283	9.47596
333.0	0.003003	276.63486	9.74993
344.0	0.002907	276.67685	10.04097
352.0	0.002841	276.71887	10.35033
354.0	0.002825	276.76089	10.67937
378.0	0.002646	276.80289	11.02961
372.0	0.002688	276.84488	11.40270
335.0	0.002985	276.88690	11.80051
345.0	0.002899	276.92892	12.22507
345.0	0.002899	276.97092	12.67871
353.0	0.002833	277.01294	13.16400
375.0	0.002667	277.05496	13.68380
369.0	0.002710	277.09698	14.24136
337.0	0.002967	277.13898	14.84029
382.0	0.002618	277.18100	15.48468
339.0	0.002950	277.22299	16.17914
344.0	0.002907	277.26501	16.92886
356.0	0.002809	277.30701	17.73975
312.0	0.003205	277.34903	18.61853
332.0	0.003012	277.39105	19.57284
336.0	0.002976	277.43304	20.61144
311.0	0.003215	277.47507	21.74439
399.0	0.002506	277.51709	22.98329
333.0	0.003003	277.55911	24.34158
336.0	0.002976	277.60107	25.83492
372.0	0.002688	277.64310	27.48169
373.0	0.002681	277.68512	29.30361
333.0	0.003003	277.72711	31.32660
356.0	0.002809	277.76913	33.58192
369.0	0.002710	277.81116	36.10773
349.0	0.002865	277.85318	38.95109
324.0	0.003086	277.89517	42.17069
365.0	0.002740	277.93719	45.83931
356.0	0.002809	277.97922	50.05216
332.0	0.003012	278.02118	54.92582
355.0	0.002817	278.06320	60.60803
359.0	0.002786	278.10522	67.28263
402.0	0.002488	278.14725	75.17502
376.0	0.002660	278.18924	84.55652
347.0	0.002882	278.23126	95.74646
420.0	0.002381	278.27328	109.11060
374.0	0.002674	278.31531	125.05447
434.0	0.002304	278.35730	144.00854
426.0	0.002347	278.39929	166.40021
471.0	0.002123	278.44131	192.60257
476.0	0.002101	278.48331	222.84241
503.0	0.001988	278.52533	257.22357
494.0	0.002024	278.56735	294.73853
537.0	0.001862	278.60938	334.00839
582.0	0.001718	278.65137	372.19635
604.0	0.001656	278.69339	405.10501
657.0	0.001522	278.73541	427.78650
625.0	0.001600	278.77737	436.03574
628.0	0.001592	278.81940	428.17389

605.0	0.001653	278.86142	405.87463
599.0	0.001669	278.90344	373.34100
557.0	0.001795	278.94543	335.52359
482.0	0.002075	278.98746	296.62445
484.0	0.002066	279.02948	259.48596
448.0	0.002232	279.07147	225.67372
472.0	0.002119	279.11349	195.83458
421.0	0.002375	279.15552	170.05180
370.0	0.002703	279.19751	148.10228
404.0	0.002475	279.23950	129.61661
412.0	0.002427	279.28152	114.17140
381.0	0.002625	279.32355	101.34059
423.0	0.002364	279.36557	90.72356
376.0	0.002660	279.40756	81.96017
379.0	0.002639	279.44958	74.73763
380.0	0.002632	279.49161	68.79217
405.0	0.002469	279.53360	63.90729
350.0	0.002857	279.57559	59.90976
366.0	0.002732	279.61761	56.66451
332.0	0.003012	279.65964	54.06938
368.0	0.002717	279.70163	52.05022
364.0	0.002747	279.74365	50.55680
369.0	0.002710	279.78568	49.56001
416.0	0.002404	279.82767	48.75732
356.0	0.002809	279.86969	48.74565
380.0	0.002632	279.91171	49.25745
384.0	0.002604	279.95374	50.34036
376.0	0.002660	279.99570	52.06309
398.0	0.002513	280.03772	54.51645
404.0	0.002475	280.07974	57.81383
404.0	0.002475	280.12173	62.09041
445.0	0.002247	280.16376	67.91144
451.0	0.002217	280.20578	74.62682
487.0	0.002053	280.24780	82.81510
475.0	0.002105	280.28979	92.63212
504.0	0.001984	280.33182	104.18484
489.0	0.002045	280.37384	117.47285
549.0	0.001821	280.41583	132.29251
610.0	0.001639	280.45782	148.09839
567.0	0.001764	280.49985	163.84767
627.0	0.001595	280.54187	177.92104
633.0	0.001580	280.58386	188.28502
604.0	0.001656	280.62589	193.02222
616.0	0.001623	280.66791	191.08372
552.0	0.001812	280.70993	182.78732
595.0	0.001681	280.75192	169.65910
583.0	0.001715	280.79391	153.75179
513.0	0.001949	280.83594	136.94968
510.0	0.001961	280.87793	120.60803
475.0	0.002105	280.91995	105.52203
437.0	0.002288	280.96198	92.05741
430.0	0.002326	281.00400	80.30485
459.0	0.002179	281.04599	70.19968
430.0	0.002326	281.08801	61.59943

463.0	0.002160	281.13004	54.32928
429.0	0.002331	281.17200	48.20768
377.0	0.002653	281.21402	43.06045
396.0	0.002525	281.25604	38.72841
410.0	0.002439	281.29807	35.07107
382.0	0.002618	281.34006	31.96791
391.0	0.002558	281.38208	29.31798
379.0	0.002639	281.42410	27.03833
340.0	0.002941	281.46613	25.06187
382.0	0.002618	281.50812	23.33498
362.0	0.002762	281.55014	21.81502
399.0	0.002506	281.59213	20.46818
340.0	0.002941	281.63412	19.26755
397.0	0.002519	281.67615	18.19157
354.0	0.002825	281.71817	17.22279
361.0	0.002770	281.76019	16.34695
338.0	0.002959	281.80219	15.55222
348.0	0.002874	281.84421	14.82872
350.0	0.002857	281.88623	14.16809
350.0	0.002857	281.92822	13.56321
334.0	0.002994	281.97021	13.00797
337.0	0.002967	282.01224	12.49708
348.0	0.002874	282.05426	12.02596
356.0	0.002809	282.09625	11.59063
355.0	0.002817	282.13828	11.18758
345.0	0.002899	282.18030	10.81375
319.0	0.003135	282.22229	10.46643
357.0	0.002801	282.26431	10.14323
341.0	0.002933	282.30634	9.84203
335.0	0.002985	282.34836	9.56095
353.0	0.002833	282.39032	9.29831
342.0	0.002924	282.43234	9.05260
326.0	0.003067	282.47437	8.82250
338.0	0.002959	282.51639	8.60678
365.0	0.002740	282.55838	8.40437
326.0	0.003067	282.60040	8.21429
331.0	0.003021	282.64243	8.03565
314.0	0.003185	282.68442	7.86765
342.0	0.002924	282.72644	7.70957
344.0	0.002907	282.76843	7.56075
368.0	0.002717	282.81046	7.42059
344.0	0.002907	282.85245	7.28854
341.0	0.002933	282.89447	7.16411
358.0	0.002793	282.93649	7.04685
324.0	0.003086	282.97849	6.93632
364.0	0.002747	283.02051	6.83216
351.0	0.002849	283.06253	6.73401
345.0	0.002899	283.10455	6.64156
336.0	0.002976	283.14655	6.55451
372.0	0.002688	283.18854	6.47258
319.0	0.003135	283.23056	6.39553
354.0	0.002825	283.27255	6.32313
354.0	0.002825	283.31458	6.25517
337.0	0.002967	283.35660	6.19146

313.0	0.003195	283.39862	6.13181
318.0	0.003145	283.44061	6.07607
352.0	0.002841	283.48264	6.02408
345.0	0.002899	283.52466	5.97571
359.0	0.002786	283.56668	5.93082
340.0	0.002941	283.60864	5.88930
340.0	0.002941	283.65067	5.85104
337.0	0.002967	283.69269	5.81595
308.0	0.003247	283.73468	5.78394
354.0	0.002825	283.77670	5.75493
339.0	0.002950	283.81873	5.72884
329.0	0.003040	283.86075	5.70779
353.0	0.002833	283.90274	5.68737
348.0	0.002874	283.94476	5.66971
327.0	0.003058	283.98676	5.65475
357.0	0.002801	284.02875	5.64246
332.0	0.003012	284.07077	5.63280
352.0	0.002841	284.11279	5.62574
340.0	0.002941	284.15482	5.62126
342.0	0.002924	284.19681	5.61936
313.0	0.003195	284.23883	5.62000
368.0	0.002717	284.28085	5.62320
339.0	0.002950	284.32285	5.62894
344.0	0.002907	284.36484	5.63724
332.0	0.003012	284.40686	5.64811
309.0	0.003236	284.44888	5.66155
328.0	0.003049	284.49088	5.67760
320.0	0.003125	284.53290	5.69628
309.0	0.003236	284.57492	5.71762
364.0	0.002747	284.61694	5.74165
338.0	0.002959	284.65894	5.76843
322.0	0.003106	284.70096	5.79800
371.0	0.002695	284.74298	5.83041
357.0	0.002801	284.78494	5.86574
335.0	0.002985	284.82697	5.90405
288.0	0.003472	284.86899	5.94541
364.0	0.002747	284.91101	5.98991
347.0	0.002882	284.95300	6.03765
329.0	0.003040	284.99503	6.08872
317.0	0.003155	285.03705	6.14323
311.0	0.003215	285.07904	6.20131
317.0	0.003155	285.12106	6.26307
315.0	0.003175	285.16306	6.32867
316.0	0.003165	285.20508	6.39825
340.0	0.002941	285.24707	6.47197
397.0	0.002519	285.28909	6.55003
361.0	0.002770	285.33112	6.63259
343.0	0.002915	285.37311	6.71988
334.0	0.002994	285.41513	6.81213
350.0	0.002857	285.45715	6.90956
358.0	0.002793	285.49918	7.01245
345.0	0.002899	285.54117	7.12108
339.0	0.002950	285.58316	7.23576
340.0	0.002941	285.62518	7.35683

324.0	0.003086	285.66721	7.48465
353.0	0.002833	285.70920	7.61961
316.0	0.003165	285.75122	7.76215
338.0	0.002959	285.79324	7.91269
340.0	0.002941	285.83524	8.07183
338.0	0.002959	285.87726	8.24008
338.0	0.002959	285.91928	8.41804
336.0	0.002976	285.96127	8.60640
353.0	0.002833	286.00327	8.80587
333.0	0.003003	286.04529	9.01725
367.0	0.002725	286.08731	9.24144
313.0	0.003195	286.12930	9.47939
352.0	0.002841	286.17133	9.73219
350.0	0.002857	286.21335	10.00101
307.0	0.003257	286.25537	10.41347
335.0	0.002985	286.29736	10.71956
313.0	0.003195	286.33939	11.04608
323.0	0.003096	286.38138	11.39485
372.0	0.002688	286.42337	11.76790
352.0	0.002841	286.46539	12.16748
317.0	0.003155	286.50742	12.59616
353.0	0.002833	286.54944	13.05681
348.0	0.002874	286.59143	13.55269
296.0	0.003378	286.63345	14.08747
295.0	0.003390	286.67548	14.66537
335.0	0.002985	286.71750	15.29117
318.0	0.003145	286.75946	15.97038
309.0	0.003236	286.80148	16.70933
332.0	0.003012	286.84351	17.51536
341.0	0.002933	286.88550	18.39703
338.0	0.002959	286.92752	19.36441
369.0	0.002710	286.96954	20.42943
317.0	0.003155	287.01157	21.60639
354.0	0.002825	287.05356	22.91260
321.0	0.003115	287.09558	24.36928
344.0	0.002907	287.13760	26.00269
313.0	0.003195	287.17957	27.84561
349.0	0.002865	287.22159	29.93910
399.0	0.002506	287.26361	32.33474
396.0	0.002525	287.30563	35.09696
363.0	0.002755	287.34763	38.30565
420.0	0.002381	287.38965	42.05855
369.0	0.002710	287.43167	46.47325
411.0	0.002433	287.47366	51.68834
358.0	0.002793	287.51569	57.86314
411.0	0.002433	287.55768	65.17551
390.0	0.002564	287.59970	73.81660
437.0	0.002288	287.64169	83.98086
434.0	0.002304	287.68372	95.84798
447.0	0.002237	287.72574	109.55065
458.0	0.002183	287.76776	125.11823
522.0	0.001916	287.80975	142.38406
494.0	0.002024	287.85178	160.84879
558.0	0.001792	287.89380	179.51770

504.0	0.001984	287.93576	196.79126
626.0	0.001597	287.97778	210.56480
595.0	0.001681	288.01981	218.69093
620.0	0.001613	288.06183	219.74078
531.0	0.001883	288.10382	213.64490
514.0	0.001946	288.14584	201.72917
524.0	0.001908	288.18787	186.11647
517.0	0.001934	288.22986	168.95378
484.0	0.002066	288.27188	151.53960
439.0	0.002278	288.31390	135.68547
439.0	0.002278	288.35590	121.57071
450.0	0.002222	288.39789	109.40309
422.0	0.002370	288.43991	99.18448
419.0	0.002387	288.48193	90.80838
419.0	0.002387	288.52393	84.11973
412.0	0.002427	288.56595	78.94984
388.0	0.002577	288.60797	75.13651
415.0	0.002410	288.64999	72.53588
414.0	0.002415	288.69199	71.02989
380.0	0.002632	288.73398	70.53087
402.0	0.002488	288.77600	70.98496
422.0	0.002370	288.81802	72.37470
412.0	0.002427	288.86002	74.72153
366.0	0.002732	288.90204	78.08846
412.0	0.002427	288.94406	82.58298
436.0	0.002294	288.98605	88.36007
408.0	0.002451	289.02808	95.62483
414.0	0.002415	289.07010	104.63392
479.0	0.002088	289.11212	115.69487
473.0	0.002114	289.15408	129.16191
457.0	0.002188	289.19611	145.42682
509.0	0.001965	289.23813	164.90114
464.0	0.002155	289.28012	187.98502
509.0	0.001965	289.32214	215.01151
571.0	0.001751	289.36417	246.14902
613.0	0.001631	289.40619	281.23639
672.0	0.001488	289.44818	319.52609
757.0	0.001321	289.49020	359.34335
761.0	0.001314	289.53223	397.76471
849.0	0.001178	289.57419	430.58511
790.0	0.001266	289.61621	452.95001
705.0	0.001418	289.65823	460.79041
729.0	0.001372	289.70026	452.48419
696.0	0.001437	289.74225	429.62039
718.0	0.001393	289.78427	396.24808
640.0	0.001563	289.82629	357.21732
634.0	0.001577	289.86832	316.73843
547.0	0.001828	289.91031	277.74191
544.0	0.001838	289.95230	241.90700
498.0	0.002008	289.99432	209.98178
496.0	0.002016	290.03632	182.12442
476.0	0.002101	290.07834	158.16069
439.0	0.002278	290.12036	137.59039
440.0	0.002273	290.16238	120.32249

429.0	0.002331	290.20438	105.77255
403.0	0.002481	290.24640	93.53389
433.0	0.002309	290.28842	83.23412
400.0	0.002500	290.33038	74.54366
400.0	0.002500	290.37241	67.17866
412.0	0.002427	290.41443	60.90032
368.0	0.002717	290.45645	55.51152
408.0	0.002451	290.49844	50.85204
346.0	0.002890	290.54047	46.79321
377.0	0.002653	290.58249	43.23233
379.0	0.002639	290.62448	40.08769
344.0	0.002907	290.66650	37.29409
359.0	0.002786	290.70853	34.79924
403.0	0.002481	290.75052	32.56079
398.0	0.002513	290.79251	30.54414
373.0	0.002681	290.83453	28.72064
340.0	0.002941	290.87656	27.06636
363.0	0.002755	290.91858	25.56108
324.0	0.003086	290.96057	24.18761
360.0	0.002778	291.00259	22.93119
399.0	0.002506	291.04462	21.77909
342.0	0.002924	291.08661	20.72027
363.0	0.002755	291.12860	19.74512
344.0	0.002907	291.17062	18.84524
364.0	0.002747	291.21265	18.01325
368.0	0.002717	291.25464	17.24267
360.0	0.002778	291.29666	16.52776
304.0	0.003289	291.33868	15.86346
350.0	0.002857	291.38068	15.24528
337.0	0.002967	291.42270	14.66920
374.0	0.002674	291.46472	14.13167
353.0	0.002833	291.50674	13.62949
337.0	0.002967	291.54871	13.15981
333.0	0.003003	291.59073	12.72007
382.0	0.002618	291.63275	12.30796
356.0	0.002809	291.67474	11.92143
347.0	0.002882	291.71677	11.55859
332.0	0.003012	291.75879	11.21777
358.0	0.002793	291.80081	10.89745
396.0	0.002525	291.84280	10.59625
319.0	0.003135	291.88483	13.88934
313.0	0.003195	291.92682	13.65458
338.0	0.002959	291.96884	13.43599
337.0	0.002967	292.01083	13.23267
337.0	0.002967	292.05286	13.04378
366.0	0.002732	292.09488	12.86862
347.0	0.002882	292.13687	12.70652
331.0	0.003021	292.17889	12.55692
336.0	0.002976	292.22092	12.41931
334.0	0.002994	292.26294	12.29329
321.0	0.003115	292.30493	12.17848
369.0	0.002710	292.34692	12.07464
354.0	0.002825	292.38895	11.98157
346.0	0.002890	292.43094	11.89919



331.0	0.003021	292.47296	11.82751
350.0	0.002857	292.51498	11.76670
331.0	0.003021	292.55701	11.71704
336.0	0.002976	292.59900	11.67902
356.0	0.002809	292.64102	11.65331
361.0	0.002770	292.68304	11.64080
326.0	0.003067	292.72501	11.64265
338.0	0.002959	292.76703	11.66025
339.0	0.002950	292.80905	11.69524
298.0	0.003356	292.85107	11.74949
349.0	0.002865	292.89307	11.82500
377.0	0.002653	292.93509	11.92385
342.0	0.002924	292.97711	12.04790
361.0	0.002770	293.01913	12.19853
338.0	0.002959	293.06113	15.05546
352.0	0.002841	293.10315	15.28142
335.0	0.002985	293.14514	15.52672
315.0	0.003175	293.18713	15.78017
319.0	0.003135	293.22916	16.02397
339.0	0.002950	293.27118	16.23475
386.0	0.002591	293.31320	16.38867
341.0	0.002933	293.35519	16.46964
336.0	0.002976	293.39722	16.47637
372.0	0.002688	293.43924	16.42311
328.0	0.003049	293.48123	16.33334
331.0	0.003021	293.52322	16.23130
372.0	0.002688	293.56525	16.13629
339.0	0.002950	293.60727	16.06095
303.0	0.003300	293.64926	16.01220
376.0	0.002660	293.69128	15.99298
365.0	0.002740	293.73331	16.00382
314.0	0.003185	293.77530	16.04399
381.0	0.002625	293.81732	16.11217
363.0	0.002755	293.85934	16.20686
338.0	0.002959	293.90137	16.32666
365.0	0.002740	293.94333	16.47034
328.0	0.003049	293.98535	16.63698
365.0	0.002740	294.02737	16.82598
354.0	0.002825	294.06940	17.03710
320.0	0.003125	294.11139	17.27046
333.0	0.003003	294.15341	17.52656
327.0	0.003058	294.19543	17.80626
350.0	0.002857	294.23743	18.11078
368.0	0.002717	294.27945	18.44172
340.0	0.002941	294.32144	18.80108
359.0	0.002786	294.36346	19.19126
345.0	0.002899	294.40546	19.61514
353.0	0.002833	294.44748	20.07612
339.0	0.002950	294.48950	20.57819
368.0	0.002717	294.53149	21.12606
373.0	0.002681	294.57352	21.72529
342.0	0.002924	294.61554	22.38250
360.0	0.002778	294.65756	23.10560
337.0	0.002967	294.69955	23.90416

347.0	0.002882	294.74155	24.78986
360.0	0.002778	294.78357	25.77711
330.0	0.003030	294.82556	26.88380
357.0	0.002801	294.86758	28.13232
375.0	0.002667	294.90961	29.55073
389.0	0.002571	294.95163	31.17414
335.0	0.002985	294.99362	33.04623
386.0	0.002591	295.03564	35.22079
363.0	0.002755	295.07767	37.76308
359.0	0.002786	295.11966	40.75089
379.0	0.002639	295.16165	44.27498
374.0	0.002674	295.20367	48.43851
386.0	0.002591	295.24570	53.35522
349.0	0.002865	295.28769	59.14549
388.0	0.002577	295.32971	65.92921
438.0	0.002283	295.37173	73.81291
412.0	0.002427	295.41376	82.86731
425.0	0.002353	295.45575	93.08887
424.0	0.002358	295.49777	104.33799
457.0	0.002188	295.53976	116.25139
431.0	0.002320	295.58176	128.14423
488.0	0.002049	295.62378	138.95641
417.0	0.002398	295.66580	147.34032
515.0	0.001942	295.70782	151.97157
469.0	0.002132	295.74982	152.01985
475.0	0.002105	295.79184	147.51395
441.0	0.002268	295.83386	139.32837
438.0	0.002283	295.87585	128.80222
399.0	0.002506	295.91785	117.27208
448.0	0.002232	295.95987	105.77561
442.0	0.002262	296.00189	94.97557
397.0	0.002519	296.04388	85.21870
439.0	0.002278	296.08591	76.63412
428.0	0.002336	296.12793	69.21950
416.0	0.002404	296.16995	62.90120
395.0	0.002532	296.21194	57.57158
380.0	0.002632	296.25397	53.11069
378.0	0.002646	296.29599	49.39863
383.0	0.002611	296.33795	46.32248
371.0	0.002695	296.37997	43.78005
372.0	0.002688	296.42200	41.68165
423.0	0.002364	296.46402	39.95056
379.0	0.002639	296.50601	38.52251
345.0	0.002899	296.54803	37.34466
397.0	0.002519	296.59006	36.37419
329.0	0.003040	296.63205	35.57674
333.0	0.003003	296.67407	34.92493
366.0	0.002732	296.71606	34.39697
342.0	0.002924	296.75809	33.97551
379.0	0.002639	296.80008	33.64663
357.0	0.002801	296.84210	33.39909
323.0	0.003096	296.88412	33.22375
377.0	0.002653	296.92612	33.11309
376.0	0.002660	296.96814	33.06087

368.0	0.002717	297.01016	33.06190
365.0	0.002740	297.05219	33.11180
325.0	0.003077	297.09415	33.20691
338.0	0.002959	297.13617	33.34414
376.0	0.002660	297.17819	33.52087
335.0	0.002985	297.22021	33.73492
367.0	0.002725	297.26221	33.98446
348.0	0.002874	297.30423	34.26798
378.0	0.002646	297.34625	34.58423
342.0	0.002924	297.38824	34.93221
361.0	0.002770	297.43027	35.31113
362.0	0.002762	297.47229	35.72040
341.0	0.002933	297.51428	35.97447
367.0	0.002725	297.55627	36.44496
376.0	0.002660	297.59830	36.94498
319.0	0.003135	297.64032	37.47455
346.0	0.002890	297.68231	38.03381
382.0	0.002618	297.72433	38.62303
330.0	0.003030	297.76636	39.24259
335.0	0.002985	297.80838	39.89299
339.0	0.002950	297.85037	40.57482
342.0	0.002924	297.89236	41.28880
345.0	0.002899	297.93439	42.03575
383.0	0.002611	297.97638	42.81658
357.0	0.002801	297.96866	43.63234
355.0	0.002817	297.76175	44.48416
380.0	0.002632	297.55484	45.37330
350.0	0.002857	297.34811	46.30114
365.0	0.002740	297.14120	47.26919
328.0	0.003049	296.93430	48.27906
391.0	0.002558	296.72739	49.33253
376.0	0.002660	296.52066	50.43151
414.0	0.002415	296.31375	51.57804
356.0	0.002809	296.10684	52.77437
378.0	0.002646	295.90009	54.02287
326.0	0.003067	295.69321	55.32613
361.0	0.002770	295.48630	56.68692
311.0	0.003215	295.27939	58.10825
337.0	0.002967	295.07263	59.59333
353.0	0.002833	294.86572	61.14564
359.0	0.002786	294.65884	62.76892
342.0	0.002924	294.45209	64.46722
368.0	0.002717	294.24518	66.24489
356.0	0.002809	294.03827	68.10664
347.0	0.002882	293.83139	70.12436
347.0	0.002882	293.62463	72.17056
395.0	0.002532	293.41772	74.31742
378.0	0.002646	293.21082	76.57138
361.0	0.002770	293.00409	78.93950
367.0	0.002725	292.79718	81.42936
387.0	0.002584	292.59027	84.04929
336.0	0.002976	292.38336	86.39744
376.0	0.002660	292.17661	89.30906
399.0	0.002506	291.96973	92.38037

375.0	0.002667	291.76282	95.62318
344.0	0.002907	291.55591	99.05041
407.0	0.002457	291.34915	102.67624
382.0	0.002618	291.14227	106.51627
389.0	0.002571	290.93536	110.58771
410.0	0.002439	290.72861	114.90951
402.0	0.002488	290.52170	119.50263
397.0	0.002519	290.31479	124.39034
371.0	0.002695	290.10791	129.59842
373.0	0.002681	289.90115	135.15561
421.0	0.002375	289.69424	141.09392
407.0	0.002457	289.48734	147.44913
395.0	0.002532	289.28061	154.26140
410.0	0.002439	289.07370	161.57578
436.0	0.002294	288.86679	169.44302
466.0	0.002146	288.65988	177.92058
457.0	0.002188	288.45316	187.07341
424.0	0.002358	288.24625	196.97545
453.0	0.002208	288.03934	207.71104
446.0	0.002242	287.83258	219.37680
491.0	0.002037	287.62567	232.08400
520.0	0.001923	287.41879	245.96138
544.0	0.001838	287.21188	261.15887
554.0	0.001805	287.00513	277.85254
584.0	0.001712	286.79822	296.25085
551.0	0.001815	286.59131	316.60315
663.0	0.001508	286.38443	339.21085
623.0	0.001605	286.17767	364.44217
685.0	0.001460	285.97076	392.75089
687.0	0.001456	285.76385	424.70078
797.0	0.001255	285.55713	460.99469
807.0	0.001239	285.35022	502.50934
838.0	0.001193	285.14331	550.33374
906.0	0.001104	284.93640	605.80988
1036.0	0.000965	284.72968	670.57098
1153.0	0.000867	284.52277	746.57349
1178.0	0.000849	284.31586	836.11536
1281.0	0.000781	284.10910	941.83521
1495.0	0.000669	283.90219	1066.67993
1684.0	0.000594	283.69531	1213.83093
1869.0	0.000535	283.48840	1386.56152
1996.0	0.000501	283.28165	1587.98376
2182.0	0.000458	283.07474	1820.60486
2527.0	0.000396	282.86786	2085.55859
2909.0	0.0003438	282.66110	2381.33105
3253.0	0.0003074	282.45419	2701.82495
3720.0	0.0002688	282.24728	3033.84692
3694.0	0.0002707	282.04037	3354.81104
4032.0	0.0002480	281.83365	3632.57324
4258.0	0.0002349	281.62674	3830.03906
4353.0	0.0002297	281.41983	3915.52295
4332.0	0.0002308	281.21292	3875.01855
4141.0	0.0002415	281.00620	3718.53491
4000.0	0.0002500	280.79929	3475.63257

3643.0	0.0002745	280.59238	3183.64893
3215.0	0.0003110	280.38562	2876.53320
2813.0	0.000355	280.17874	2579.15259
2611.0	0.000383	279.97183	2306.78564
2313.0	0.000432	279.76492	2067.22852
2031.0	0.000492	279.55817	1863.38318
1918.0	0.000521	279.35126	1695.35095
1771.0	0.000565	279.14438	1561.85071
1718.0	0.000582	278.93762	1461.09546
1736.0	0.000576	278.73071	1391.30725
1684.0	0.000594	278.52380	1351.01123
1631.0	0.000613	278.31693	1339.19250
1616.0	0.000619	278.11017	1355.35352
1682.0	0.000595	277.90326	1399.49548
1875.0	0.000533	277.69635	1472.01331
1901.0	0.000526	277.48962	1573.48425
2097.0	0.000477	277.28271	1704.29529
2237.0	0.000447	277.07581	1864.01404
2402.0	0.000416	276.86890	2050.37549
2687.0	0.000372	276.66214	2257.77710
3006.0	0.0003327	276.45526	2475.37793
3122.0	0.0003203	276.24835	2685.43262
3387.0	0.0002952	276.04144	2863.32813
3678.0	0.0002719	275.83469	2981.24902
3600.0	0.0002778	275.62781	3016.00757
3640.0	0.0002747	275.42090	2957.96558
3358.0	0.0002978	275.21414	2815.24658
3072.0	0.0003255	275.00723	2609.99780
2814.0	0.000355	274.80032	2369.57861
2415.0	0.000414	274.59344	2118.49731
2188.0	0.000457	274.38669	1874.43066
1966.0	0.000509	274.17978	1647.98743
1724.0	0.000580	273.97287	1444.26990
1618.0	0.000618	273.76614	1264.75989
1361.0	0.000735	273.55923	1108.81396
1250.0	0.000800	273.35233	974.66589
1139.0	0.000878	273.14542	860.10846
998.0	0.001002	272.93869	762.56750
983.0	0.001017	272.73178	679.72638
864.0	0.001157	272.52487	609.35974
822.0	0.001217	272.31812	549.46478
772.0	0.001295	272.11121	498.28909
754.0	0.001326	271.90433	454.33417
627.0	0.001595	271.69742	416.34415
621.0	0.001610	271.49066	383.28329
604.0	0.001656	271.28375	354.30841
558.0	0.001792	271.07684	328.73883
572.0	0.001748	270.86996	306.02753
510.0	0.001961	270.66321	285.73529
504.0	0.001984	270.45630	267.50800
516.0	0.001938	270.24939	251.05807
542.0	0.001845	270.04266	236.15016
507.0	0.001972	269.83575	222.58946
500.0	0.002000	269.62885	210.21301

435.0	0.002299	269.42194	198.88321
449.0	0.002227	269.21521	188.48270
456.0	0.002193	269.00830	178.91072
423.0	0.002364	268.80139	170.08014
405.0	0.002469	268.59464	162.03316
414.0	0.002415	268.38776	154.46841
430.0	0.002326	268.18085	147.44489
384.0	0.002604	267.97394	140.91145
426.0	0.002347	267.76718	134.82286
388.0	0.002577	267.56027	129.13899
374.0	0.002674	267.35339	123.82425
367.0	0.002725	267.14664	118.84683
382.0	0.002618	266.93973	114.17837
395.0	0.002532	266.73282	109.79342
323.0	0.003096	266.52591	105.66914
365.0	0.002740	266.31918	101.78495
361.0	0.002770	266.11227	98.12233
364.0	0.002747	265.90536	94.66450
398.0	0.002513	265.69846	91.39627
369.0	0.002710	265.49173	88.30386
343.0	0.002915	265.28482	85.37473
397.0	0.002519	265.07791	82.59744
342.0	0.002924	264.87115	79.96162
367.0	0.002725	264.66428	77.45770
354.0	0.002825	264.45737	75.07697
363.0	0.002755	264.25046	72.81144
328.0	0.003049	264.04370	70.65378
386.0	0.002591	263.83679	68.59721
387.0	0.002584	263.62991	66.63551
352.0	0.002841	263.42316	64.76296
314.0	0.003185	263.21625	62.97427
361.0	0.002770	263.00934	61.26452
337.0	0.002967	262.80246	59.62920
353.0	0.002833	262.59570	57.93787
355.0	0.002817	262.38879	56.44022
342.0	0.002924	262.18188	55.00526
346.0	0.002890	261.97516	53.62966
310.0	0.003226	261.76825	52.31027
320.0	0.003125	261.56134	51.04419
312.0	0.003205	261.35443	49.82872
307.0	0.003257	261.14767	48.66133
341.0	0.002933	260.94080	47.53967
355.0	0.002817	260.73389	46.46152
356.0	0.002809	260.52698	45.42485
355.0	0.002817	260.32022	44.72210
376.0	0.002660	260.11334	43.76492
298.0	0.003356	259.90643	42.84385
347.0	0.002882	259.69968	41.95733
339.0	0.002950	259.49277	41.10393
301.0	0.003322	259.28586	40.28227
332.0	0.003012	259.07898	39.49108
376.0	0.002660	258.87222	38.72920
338.0	0.002959	258.66531	37.99550
343.0	0.002915	258.45840	37.28898

319.0	0.003135	258.25168	36.60869
324.0	0.003086	258.04477	35.95376
333.0	0.003003	257.83786	35.32338
338.0	0.002959	257.63095	34.71682
316.0	0.003165	257.42422	34.13341
329.0	0.003040	257.21732	33.57254
337.0	0.002967	257.01041	33.03368
296.0	0.003378	256.80365	32.51636
324.0	0.003086	256.59674	32.02017
331.0	0.003021	256.38983	31.54477
307.0	0.003257	256.18295	31.08989
326.0	0.003067	255.97620	30.65534
364.0	0.002747	255.76930	30.24100
286.0	0.003497	255.56239	29.84681
334.0	0.002994	255.35548	29.47285
314.0	0.003185	255.14874	29.11923
329.0	0.003040	254.94183	28.78621
324.0	0.003086	254.73494	28.47415
315.0	0.003175	254.52820	28.18352
339.0	0.002950	254.32129	27.91494
337.0	0.002967	254.11438	27.66923
325.0	0.003077	253.90749	27.44732
328.0	0.003049	253.70073	27.25040
364.0	0.002747	253.49384	27.07991
314.0	0.003185	253.28693	26.93754
342.0	0.002924	253.08018	26.82539
344.0	0.002907	252.87328	26.74592
353.0	0.002833	252.66637	26.70213
333.0	0.003003	252.45947	26.69766
311.0	0.003215	252.25272	26.73697
341.0	0.002933	252.04582	26.82554
353.0	0.002833	251.83891	26.97016
309.0	0.003236	251.63217	27.17931
324.0	0.003086	251.42526	27.46360
319.0	0.003135	251.21837	27.83631
309.0	0.003236	251.01146	28.31402
346.0	0.002890	250.80472	28.91728
326.0	0.003067	250.59781	29.67124
310.0	0.003226	250.39090	30.60630
289.0	0.003460	250.18401	31.75853
337.0	0.002967	249.97725	33.16982
366.0	0.002732	249.77036	34.88763
340.0	0.002941	249.56345	36.96428
334.0	0.002994	249.35670	39.45514
370.0	0.002703	249.14980	42.41570
335.0	0.002985	248.94290	45.89628
380.0	0.002632	248.73599	49.93290
370.0	0.002703	248.52925	54.53179
390.0	0.002564	248.32234	59.64450
331.0	0.003021	248.11543	65.13175
372.0	0.002688	247.90869	70.72021
320.0	0.003125	247.70178	75.96989
361.0	0.002770	247.49489	80.28908
370.0	0.002703	247.28798	83.03759

389.0	0.002571	247.08124	83.71854
354.0	0.002825	246.87433	82.17400
349.0	0.002865	246.66743	78.65469
343.0	0.002915	246.46068	73.71086
319.0	0.003135	246.25378	67.98576
369.0	0.002710	246.04688	62.04057
355.0	0.002817	245.83997	56.27450
373.0	0.002681	245.63322	50.92521
347.0	0.002882	245.42632	46.10648
340.0	0.002941	245.21942	41.85081
344.0	0.002907	245.01251	38.14286
332.0	0.003012	244.80577	34.94193
329.0	0.003040	244.59886	32.19561
323.0	0.003096	244.39195	29.84787
293.0	0.003413	244.18521	27.84361
342.0	0.002924	243.97832	26.13137
326.0	0.003067	243.77141	24.66471
295.0	0.003390	243.56450	23.40289
383.0	0.002611	243.35776	22.31097
317.0	0.003155	243.15085	21.35962
285.0	0.00351	242.94395	20.52458
331.0	0.003021	242.73720	19.78607
339.0	0.002950	242.53030	19.12807
303.0	0.003300	242.32339	18.53775
318.0	0.003145	242.11649	18.00476
319.0	0.003135	241.90974	17.52079
303.0	0.003300	241.70285	17.20209
357.0	0.002801	241.49594	16.79806
341.0	0.002933	241.28920	16.42628
304.0	0.003289	241.08229	16.08294
318.0	0.003145	240.87538	15.76485
280.0	0.00357	240.66849	15.46931
301.0	0.003322	240.46173	15.19399
356.0	0.002809	240.25484	14.93689
304.0	0.003289	240.04793	14.69626
330.0	0.003030	239.84102	14.47060
277.0	0.00361	239.63428	14.25857
304.0	0.003289	239.42737	14.05901
324.0	0.003086	239.22047	13.87089
297.0	0.003367	239.01373	13.69330
343.0	0.002915	238.80682	13.52545
319.0	0.003135	238.59991	13.36660
319.0	0.003135	238.39302	13.21614
339.0	0.002950	238.18626	13.07348
341.0	0.002933	237.97937	12.93812
316.0	0.003165	237.77246	12.80960
279.0	0.00358	237.56572	12.68752
292.0	0.003425	237.35881	12.57151
312.0	0.003205	237.15190	12.46123
324.0	0.003086	236.94501	12.35640
324.0	0.003086	236.73827	12.25674
286.0	0.003497	236.53136	12.16201
313.0	0.003195	236.50964	12.07200
300.0	0.003333	236.53415	11.98650



312.0	0.003205	236.55869	11.90534
331.0	0.003021	236.58324	11.82836
339.0	0.002950	236.60777	11.75542
303.0	0.003300	236.63228	11.68639
308.0	0.003247	236.65681	11.62116
317.0	0.003155	236.68135	11.55962
292.0	0.003425	236.70589	7.91938
288.0	0.003472	236.73041	7.89643
343.0	0.002915	236.75494	7.87652
307.0	0.003257	236.77948	7.85959
293.0	0.003413	236.80400	7.84561
334.0	0.002994	236.82854	7.83453
347.0	0.002882	236.85307	7.82633
297.0	0.003367	236.87761	7.82099
330.0	0.003030	236.90213	7.81849
305.0	0.003279	236.92667	7.81883
345.0	0.002899	236.95120	7.82201
307.0	0.003257	236.97572	7.82803
332.0	0.003012	237.00026	7.83693
321.0	0.003115	237.02480	7.84870
323.0	0.003096	237.04933	7.86340
315.0	0.003175	237.07385	7.88104
339.0	0.002950	237.09839	7.90168
288.0	0.003472	237.12292	7.92537
314.0	0.003185	237.14745	7.95216
314.0	0.003185	237.17198	7.98212
288.0	0.003472	237.19652	8.01533
305.0	0.003279	237.22105	8.05186
321.0	0.003115	237.24556	8.09182
318.0	0.003145	237.27010	8.13529
334.0	0.002994	237.29463	8.18239
313.0	0.003195	237.31917	8.23324
282.0	0.00355	237.34369	8.28798
335.0	0.002985	237.36823	8.34675
311.0	0.003215	237.39276	5.72857
305.0	0.003279	237.41728	5.81942
319.0	0.003135	237.44182	5.91450
318.0	0.003145	237.46635	6.01403
302.0	0.003311	237.49089	6.11821
305.0	0.003279	237.51541	6.22730
319.0	0.003135	237.53995	6.34155
291.0	0.003436	237.56448	6.46126
290.0	0.003448	237.58900	6.58674
349.0	0.002865	237.61354	6.71831
307.0	0.003257	237.63808	6.85635
290.0	0.003448	237.66261	7.00126
292.0	0.003425	237.68713	7.15346
272.0	0.00368	237.71167	7.31344
309.0	0.003236	237.73621	7.48172
326.0	0.003067	237.76073	7.65885
289.0	0.003460	237.78526	7.84546
277.0	0.00361	237.80980	8.04224
333.0	0.003003	237.83434	8.24994
315.0	0.003175	237.85884	8.46938

327.0	0.003058	237.88338	8.70148
301.0	0.003322	237.90793	8.94725
319.0	0.003135	237.93246	9.20782
348.0	0.002874	237.95697	9.48443
316.0	0.003165	237.98151	9.77848
298.0	0.003356	238.00604	10.09151
349.0	0.002865	238.03056	10.42528
309.0	0.003236	238.05510	10.78173
282.0	0.00355	238.07964	11.16307
311.0	0.003215	238.10417	11.57180
304.0	0.003289	238.12869	12.01074
315.0	0.003175	238.15323	12.48312
337.0	0.002967	238.17776	12.99263
313.0	0.003195	238.20229	13.54356
320.0	0.003125	238.22682	14.52504
324.0	0.003086	238.25136	15.17727
296.0	0.003378	238.27589	15.88856
333.0	0.003003	238.30042	16.66709
326.0	0.003067	238.32495	17.52273
318.0	0.003145	238.34949	18.46750
318.0	0.003145	238.37401	19.51612
309.0	0.003236	238.39854	20.68673
352.0	0.002841	238.42308	22.00172
317.0	0.003155	238.44762	23.83757
323.0	0.003096	238.47214	25.53261
326.0	0.003067	238.49667	27.47410
317.0	0.003155	238.52121	29.71077
337.0	0.002967	238.54575	32.29990
312.0	0.003205	238.57025	35.30745
331.0	0.003021	238.59479	38.80762
317.0	0.003155	238.61932	42.88156
316.0	0.003165	238.64384	47.61469
358.0	0.002793	238.66838	53.09214
351.0	0.002849	238.69292	59.39056
419.0	0.002387	238.71745	66.56424
389.0	0.002571	238.74197	74.62176
394.0	0.002538	238.76651	83.48885
427.0	0.002342	238.79105	92.95561
450.0	0.002222	238.81557	102.61484
468.0	0.002137	238.84010	111.81828
477.0	0.002096	238.86464	119.70385
461.0	0.002169	238.88918	125.34972
492.0	0.002033	238.91370	128.05223
485.0	0.002062	238.93823	127.60590
479.0	0.002088	238.96277	124.40451
456.0	0.002193	238.98729	119.28854
422.0	0.002370	239.01183	113.25191
382.0	0.002618	239.03636	107.18874
414.0	0.002415	239.06090	101.77337
384.0	0.002604	239.08542	97.45694
374.0	0.002674	239.10995	94.51978
346.0	0.002890	239.13449	93.13269
365.0	0.002740	239.15903	93.40517
383.0	0.002611	239.18353	95.41602

373.0	0.002681	239.20807	99.22874
411.0	0.002433	239.23262	104.89382
402.0	0.002488	239.25713	112.43906
390.0	0.002564	239.28166	121.84450
405.0	0.002469	239.30620	132.99696
410.0	0.002439	239.33073	145.61819
482.0	0.002075	239.35526	159.16817
455.0	0.002198	239.37979	172.74631
506.0	0.001976	239.40433	185.05376
499.0	0.002004	239.42885	194.51491
496.0	0.002016	239.45338	199.62654
477.0	0.002096	239.47792	199.45340
513.0	0.001949	239.50246	194.00305
484.0	0.002066	239.52698	184.21672
486.0	0.002058	239.55151	171.58311
456.0	0.002193	239.57605	157.64279
403.0	0.002481	239.60057	143.64639
397.0	0.002519	239.62511	130.43977
411.0	0.002433	239.64964	118.50520
421.0	0.002375	239.67418	108.06055
415.0	0.002410	239.69870	99.15599
392.0	0.002551	239.72324	91.74624
372.0	0.002688	239.74777	85.73782
409.0	0.002445	239.77231	81.01838
364.0	0.002747	239.79683	77.47413
414.0	0.002415	239.82137	75.00066
344.0	0.002907	239.84590	73.50996
379.0	0.002639	239.87041	72.93523
354.0	0.002825	239.89494	73.23444
379.0	0.002639	239.91948	74.39336
388.0	0.002577	239.94402	76.42812
415.0	0.002410	239.96854	79.38767
400.0	0.002500	239.99307	83.35622
434.0	0.002304	240.01761	88.45531
373.0	0.002681	240.04213	94.84552
484.0	0.002066	240.06667	102.72720
447.0	0.002237	240.09120	112.33958
445.0	0.002247	240.11574	123.95767
476.0	0.002101	240.14026	137.88593
479.0	0.002088	240.16479	154.44652
549.0	0.001821	240.18933	173.95964
463.0	0.002160	240.21385	196.70996
505.0	0.001980	240.23839	222.88959
557.0	0.001795	240.26292	252.50294
555.0	0.001802	240.28746	285.21710
579.0	0.001727	240.31198	320.14841
618.0	0.001618	240.33652	355.61279
620.0	0.001613	240.36105	388.94543
619.0	0.001616	240.38559	416.59769
610.0	0.001639	240.41011	434.73843
592.0	0.001689	240.43465	440.35739
632.0	0.001582	240.45918	432.40390
621.0	0.001610	240.48369	412.23358
620.0	0.001613	240.50822	383.03464

637.0	0.001570	240.53276	348.65186
592.0	0.001689	240.55731	312.53366
567.0	0.001764	240.58182	277.20642
576.0	0.001736	240.60635	244.22859
515.0	0.001942	240.63089	214.39075
475.0	0.002105	240.65541	187.96382
461.0	0.002169	240.67995	164.90410
429.0	0.002331	240.70448	144.99501
433.0	0.002309	240.72902	127.93564
447.0	0.002237	240.75354	113.32635
378.0	0.002646	240.77808	100.96928
451.0	0.002217	240.80261	90.48100
374.0	0.002674	240.82713	81.57327
371.0	0.002695	240.85167	73.99039
342.0	0.002924	240.87621	67.51081
368.0	0.002717	240.90074	61.94641
391.0	0.002558	240.92526	57.14028
323.0	0.003096	240.94980	52.96330
340.0	0.002941	240.97433	49.31039
345.0	0.002899	240.99887	46.09660
291.0	0.003436	241.02339	43.25349
331.0	0.003021	241.04793	40.72584
299.0	0.003344	241.07246	38.46898
330.0	0.003030	241.09698	36.44648
351.0	0.002849	241.12152	34.62841
337.0	0.002967	241.14606	32.98993
285.0	0.00351	241.17059	31.51024
354.0	0.002825	241.19510	30.17176
308.0	0.003247	241.21964	28.95953
320.0	0.003125	241.24417	27.86072
312.0	0.003205	241.26869	26.86432
308.0	0.003247	241.29323	25.96077
297.0	0.003367	241.31776	25.14183
290.0	0.003448	241.34230	24.40032
291.0	0.003436	241.36682	23.73003
290.0	0.003448	241.39136	23.12554
306.0	0.003268	241.41589	22.58220
325.0	0.003077	241.44041	22.09597
289.0	0.003460	241.46495	21.66339
354.0	0.002825	241.48949	21.28152
310.0	0.003226	241.51402	20.94789
317.0	0.003155	241.53854	20.66046
298.0	0.003356	241.56308	20.41759
307.0	0.003257	241.58762	20.21804
313.0	0.003195	241.61215	20.06092
317.0	0.003155	241.63667	19.94571
279.0	0.00358	241.66121	19.87225
298.0	0.003356	241.68575	19.84072
302.0	0.003311	241.71027	19.85172
312.0	0.003205	241.73480	19.90619
295.0	0.003390	241.75934	20.00552
329.0	0.003040	241.78387	20.15155
284.0	0.00352	241.80838	20.34662
324.0	0.003086	241.83292	20.59362

312.0	0.003205	241.85747	20.89610
314.0	0.003185	241.88197	21.25834
336.0	0.002976	241.90651	21.68550
318.0	0.003145	241.93105	22.18377
319.0	0.003135	241.95558	22.76061
309.0	0.003236	241.98010	23.42504
300.0	0.003333	242.00464	24.18802
310.0	0.003226	242.02917	25.06300
317.0	0.003155	242.05370	26.06651
337.0	0.002967	242.07823	27.21904
304.0	0.003289	242.10277	28.54608
351.0	0.002849	242.12730	30.07931
300.0	0.003333	242.15182	31.85800
368.0	0.002717	242.17636	33.93055
383.0	0.002611	242.20090	36.35596
361.0	0.002770	242.22543	39.20529
333.0	0.003003	242.24995	42.56261
350.0	0.002857	242.27449	46.52561
394.0	0.002538	242.29903	51.20520
397.0	0.002519	242.32355	56.72400
395.0	0.002532	242.34808	63.21315
383.0	0.002611	242.37262	70.80653
404.0	0.002475	242.39716	79.63062
411.0	0.002433	242.42168	89.78750
390.0	0.002564	242.44621	101.32585
453.0	0.002208	242.47075	114.19392
461.0	0.002169	242.49525	128.16855
489.0	0.002045	242.51979	142.76164
497.0	0.002012	242.54433	157.12679
471.0	0.002123	242.56886	170.02541
449.0	0.002227	242.59338	179.94499
522.0	0.001916	242.61792	185.43282
555.0	0.001802	242.64246	185.57040
503.0	0.001988	242.66698	180.33966
505.0	0.001980	242.69151	170.63068
495.0	0.002020	242.71605	157.88522
479.0	0.002088	242.74059	143.62088
424.0	0.002358	242.76511	129.08978
395.0	0.002532	242.78964	115.15298
438.0	0.002283	242.81418	102.31040
371.0	0.002695	242.83871	90.79327
410.0	0.002439	242.86324	80.65833
394.0	0.002538	242.88777	71.85973
397.0	0.002519	242.91231	64.29684
356.0	0.002809	242.93683	57.84372
357.0	0.002801	242.96136	52.36667
363.0	0.002755	242.98590	47.73438
360.0	0.002778	243.01044	43.82388
341.0	0.002933	243.03496	40.52387
307.0	0.003257	243.05949	37.73623
351.0	0.002849	243.08403	35.37644
330.0	0.003030	243.10854	33.37304
303.0	0.003300	243.13307	31.66669
398.0	0.002513	243.15761	30.20868

302.0	0.003311	243.18216	28.95949
329.0	0.003040	243.20667	27.88725
338.0	0.002959	243.23120	26.96635
317.0	0.003155	243.25574	26.17618
301.0	0.003322	243.28026	25.50014
336.0	0.002976	243.30479	24.92476
313.0	0.003195	243.32933	24.43905
313.0	0.003195	243.35387	24.03399
310.0	0.003226	243.37839	23.70213
314.0	0.003185	243.40292	23.43728
290.0	0.003448	243.42746	23.23430
315.0	0.003175	243.45200	23.08892
282.0	0.00355	243.47652	23.02909
312.0	0.003205	243.50105	22.98918
291.0	0.003436	243.52559	22.99811
334.0	0.002994	243.55011	23.05403
306.0	0.003268	243.57465	23.15552
353.0	0.002833	243.59918	23.30157
276.0	0.00362	243.62372	23.49155
286.0	0.003497	243.64824	23.72516
287.0	0.003484	243.67278	24.00245
311.0	0.003215	243.69731	24.32376
316.0	0.003165	243.72182	24.68977
288.0	0.003472	243.74637	25.10145
258.0	0.00388	243.77090	25.56011
288.0	0.003472	243.79544	26.06737
263.0	0.00380	243.81995	26.62517
312.0	0.003205	243.84448	27.23583
265.0	0.00377	243.86902	27.90203
310.0	0.003226	243.89354	28.62688
315.0	0.003175	243.91808	29.41389
331.0	0.003021	243.94261	30.26710
278.0	0.00360	243.96715	31.19103
304.0	0.003289	243.99167	32.19083
282.0	0.00355	244.01620	33.27230
332.0	0.003012	244.04074	34.44194
309.0	0.003236	244.06528	35.70715
332.0	0.003012	244.08980	37.07620
299.0	0.003344	244.11433	38.55848
322.0	0.003106	244.13887	40.16459
322.0	0.003106	244.16339	41.90653
310.0	0.003226	244.18793	43.79794
341.0	0.002933	244.21246	45.85434
306.0	0.003268	244.23700	48.09346
340.0	0.002941	244.26152	50.53567
330.0	0.003030	244.28606	53.20443
328.0	0.003049	244.31059	56.12696
318.0	0.003145	244.33511	59.33508
337.0	0.002967	244.35965	62.86625
299.0	0.003344	244.38419	66.76495
351.0	0.002849	244.40872	71.08450
337.0	0.002967	244.43323	75.88927
362.0	0.002762	244.45776	81.25761
357.0	0.002801	244.48230	87.28528

334.0	0.002994	244.50682	94.08964
367.0	0.002725	244.53136	101.81435
394.0	0.002538	244.55589	110.63466
384.0	0.002604	244.58043	120.76266
425.0	0.002353	244.60495	132.45256
425.0	0.002353	244.62949	146.00508
433.0	0.002309	244.65402	161.77065
506.0	0.001976	244.67856	180.15028
510.0	0.001961	244.70308	201.59380
529.0	0.001890	244.72762	226.59271
580.0	0.001724	244.75215	255.66618
678.0	0.001475	244.77667	289.33353
683.0	0.001464	244.80121	328.19659
738.0	0.001355	244.82574	372.32953
921.0	0.001086	244.85028	421.92291
962.0	0.001040	244.87480	476.54678
1059.0	0.000944	244.89934	535.00012
1142.0	0.000876	244.92387	595.03113
1193.0	0.000838	244.94839	653.23822
1211.0	0.000826	244.97293	705.41687
1361.0	0.000735	244.99747	747.52948
1359.0	0.000736	245.02200	777.06177
1372.0	0.000729	245.04651	794.02081
1434.0	0.000697	245.07106	800.82758
1482.0	0.000675	245.09560	801.06445
1502.0	0.000666	245.12010	797.80548
1444.0	0.000693	245.14464	792.35028
1433.0	0.000698	245.16917	783.79706
1367.0	0.000732	245.19371	769.53400
1397.0	0.000716	245.21823	746.49841
1211.0	0.000826	245.24277	712.73578
1139.0	0.000878	245.26730	668.47961
1124.0	0.000890	245.29184	616.15161
1021.0	0.000979	245.31636	559.40369
975.0	0.001026	245.34090	501.91638
864.0	0.001157	245.36543	446.58698
914.0	0.001094	245.38995	395.33179
778.0	0.001285	245.41449	348.97299
745.0	0.001342	245.43903	307.84561
652.0	0.001534	245.46356	271.81473
609.0	0.001642	245.48808	240.51941
552.0	0.001812	245.51262	213.49382
558.0	0.001792	245.53716	190.61679
502.0	0.001992	245.56168	170.64665
446.0	0.002242	245.58621	153.49879
463.0	0.002160	245.61075	138.75627
412.0	0.002427	245.63528	126.04904
398.0	0.002513	245.65981	115.05526
403.0	0.002481	245.68434	105.42908
392.0	0.002551	245.70888	97.07903
418.0	0.002392	245.73338	89.74049
380.0	0.002632	245.75792	83.25335
340.0	0.002941	245.78246	77.48618
350.0	0.002857	245.80699	72.33150

356.0	0.002809	245.83151	67.70137
321.0	0.003115	245.85605	63.52370
373.0	0.002681	245.88058	59.73899
305.0	0.003279	245.90512	56.29789
319.0	0.003135	245.92964	53.15900
317.0	0.003155	245.95418	50.28736
313.0	0.003195	245.97871	47.65320
310.0	0.003226	246.00323	45.23092
314.0	0.003185	246.02777	42.99838
305.0	0.003279	246.05231	40.93634
331.0	0.003021	246.07684	39.02792
313.0	0.003195	246.10136	37.25834
318.0	0.003145	246.12590	35.61453
283.0	0.00353	246.15044	34.08492
308.0	0.003247	246.17496	32.65925
305.0	0.003279	246.19949	31.32838
313.0	0.003195	246.22403	29.96531
277.0	0.00361	246.24857	28.80127
299.0	0.003344	246.27309	27.71000
301.0	0.003322	246.29762	26.68562
251.0	0.00398	246.32216	25.72282
303.0	0.003300	246.34666	24.81680
287.0	0.003484	246.37120	23.96323
328.0	0.003049	246.39575	23.15819
334.0	0.002994	246.42029	22.39811
346.0	0.002890	246.44479	21.67973
277.0	0.00361	246.46933	21.00011
301.0	0.003322	246.49387	20.35656
284.0	0.00352	246.51840	19.74659
292.0	0.003425	246.54292	19.16796
295.0	0.003390	246.56746	18.61859
323.0	0.003096	246.59200	18.09659
311.0	0.003215	246.61652	17.60020
283.0	0.00353	246.64105	17.12781
292.0	0.003425	246.66559	16.67795
300.0	0.003333	246.69012	16.24923
290.0	0.003448	246.71465	15.84040
277.0	0.00361	246.73918	15.45028
272.0	0.00368	246.76372	15.07780
288.0	0.003472	246.78824	14.72193
299.0	0.003344	246.81277	14.38174
318.0	0.003145	246.83731	14.05638
285.0	0.00351	246.86185	13.74502
279.0	0.00358	246.88637	13.44693
333.0	0.003003	246.91090	13.16138
281.0	0.00356	246.93544	12.88774
280.0	0.00357	246.95996	12.62539
265.0	0.00377	246.98450	12.37376
302.0	0.003311	247.00903	12.13231
273.0	0.00366	247.03357	11.90055
278.0	0.00360	247.05807	11.67800
300.0	0.003333	247.08261	11.46424
279.0	0.00358	247.10715	11.25883
313.0	0.003195	247.13168	11.06140



274.0	0.00365	247.15620	10.87159
256.0	0.00391	247.18074	10.68905
279.0	0.00358	247.20528	10.21939
278.0	0.00360	247.22980	10.05256
293.0	0.003413	247.25433	9.89208
258.0	0.00388	247.27887	9.73767
281.0	0.00356	247.30341	9.58908
276.0	0.00362	247.32793	9.44606
288.0	0.003472	247.35246	9.30841
277.0	0.00361	247.37700	9.17590
260.0	0.00385	247.40152	9.04833
291.0	0.003436	247.42606	8.92552
309.0	0.003236	247.45059	8.80728
307.0	0.003257	247.47513	8.69344
272.0	0.00368	247.49965	8.58385
277.0	0.00361	247.52419	8.47836
311.0	0.003215	247.54872	8.37682
300.0	0.003333	247.57324	8.27909
262.0	0.00382	247.59778	8.18505
262.0	0.00382	247.62231	8.09458
302.0	0.003311	247.64685	8.00756
307.0	0.003257	247.67136	7.92388
309.0	0.003236	247.69589	7.84345
290.0	0.003448	247.72044	7.76616
317.0	0.003155	247.74498	7.69192
305.0	0.003279	247.76949	7.62065
266.0	0.00376	247.79402	7.55227
271.0	0.00369	247.81856	7.48669
299.0	0.003344	247.84308	7.42386
291.0	0.003436	247.86761	7.36369
292.0	0.003425	247.89215	8.52491
268.0	0.00373	247.91669	8.47877
322.0	0.003106	247.94121	8.43520
280.0	0.00357	247.96574	8.39417
255.0	0.00392	247.99028	8.35563
295.0	0.003390	248.01480	8.31952
332.0	0.003012	248.03934	8.28581
240.0	0.00417	248.06387	8.25447
267.0	0.00375	248.08841	8.22545
293.0	0.003413	248.11293	8.19874
333.0	0.003003	248.13747	8.17428
272.0	0.00368	248.16200	8.15207
289.0	0.003460	248.18652	8.13208
275.0	0.00364	248.21106	8.11428
286.0	0.003497	248.23560	8.09867
294.0	0.003401	248.26013	8.08523
274.0	0.00365	248.28465	8.07395
292.0	0.003425	248.30919	8.06481
275.0	0.00364	248.33372	8.05782
279.0	0.00358	248.35826	8.05297
272.0	0.00368	248.38277	8.05027
276.0	0.00362	248.40730	8.04971
303.0	0.003300	248.43184	8.05130
264.0	0.00379	248.45636	8.05507

286.0	0.003497	248.48090	8.06100
277.0	0.00361	248.50543	8.06914
261.0	0.00383	248.52997	8.07949
298.0	0.003356	248.55449	8.09208
264.0	0.00379	248.57903	8.10693
297.0	0.003367	248.60356	8.12409
293.0	0.003413	248.62808	8.38745
308.0	0.003247	248.65262	8.41110
263.0	0.00380	248.67715	8.43719
269.0	0.00372	248.70169	8.46577
288.0	0.003472	248.72621	8.49690
351.0	0.002849	248.75075	8.53065
301.0	0.003322	248.77528	8.56708
287.0	0.003484	248.76978	8.60626
275.0	0.00364	248.71919	8.64829
305.0	0.003279	248.66859	8.69324
274.0	0.00365	248.61801	8.74122
261.0	0.00383	248.56747	8.79233
292.0	0.003425	248.51688	8.84670
273.0	0.00366	248.46629	8.90446
301.0	0.003322	248.41571	8.96573
269.0	0.00372	248.36516	9.03068
326.0	0.003067	248.31458	9.09949
242.0	0.00413	248.26399	9.17232
318.0	0.003145	248.21344	9.24939
308.0	0.003247	248.16286	9.33092
300.0	0.003333	248.11227	9.41715
281.0	0.00356	248.06168	9.50835
311.0	0.003215	248.01114	9.60483
324.0	0.003086	247.96056	9.70690
271.0	0.00369	247.90996	9.81494
274.0	0.00365	247.85942	9.92935
313.0	0.003195	247.80882	10.05057
287.0	0.003484	247.75824	10.17911
316.0	0.003165	247.70766	10.31552
276.0	0.00362	247.65710	10.46042
282.0	0.00355	247.60652	10.61453
304.0	0.003289	247.55594	10.65559
303.0	0.003300	247.50539	10.83145
246.0	0.00407	247.45480	11.01918
264.0	0.00379	247.40422	11.21995
287.0	0.003484	247.35362	11.43508
282.0	0.00355	247.30309	11.66608
290.0	0.003448	247.25250	11.91473
278.0	0.00360	247.20190	12.18310
301.0	0.003322	247.15132	12.47364
303.0	0.003300	247.10077	12.78928
314.0	0.003185	247.05019	13.13353
287.0	0.003484	246.99960	13.51066
296.0	0.003378	246.94905	13.92592
276.0	0.00362	246.89847	14.38570
277.0	0.00361	246.84789	14.89787
299.0	0.003344	246.79730	15.47210
261.0	0.00383	246.74675	16.12011

276.0	0.00362	246.69617	16.85605
285.0	0.00351	246.64557	17.69676
266.0	0.00376	246.59503	18.66199
298.0	0.003356	246.54445	19.77440
300.0	0.003333	246.49385	21.05956
298.0	0.003356	246.44327	22.54546
290.0	0.003448	246.39272	24.26185
293.0	0.003413	246.34213	26.23889
323.0	0.003096	246.29155	28.50495
282.0	0.00355	246.24100	31.08286
264.0	0.00379	246.19041	33.98375
280.0	0.00357	246.13983	37.19712
252.0	0.00397	246.08925	40.67591
281.0	0.00356	246.03870	44.31701
281.0	0.00356	245.98811	47.94097
280.0	0.00357	245.93752	51.28255
308.0	0.003247	245.88693	54.01011
305.0	0.003279	245.83640	55.78889
306.0	0.003268	245.78580	56.37938
325.0	0.003077	245.73521	55.72560
299.0	0.003344	245.68466	53.97793
326.0	0.003067	245.63408	51.43441
299.0	0.003344	245.58350	48.44043
294.0	0.003401	245.53291	45.30320
330.0	0.003030	245.48236	42.24968
307.0	0.003257	245.43178	39.42318
275.0	0.00364	245.38120	36.89964
296.0	0.003378	245.33064	34.70858
282.0	0.00355	245.28006	32.85065
269.0	0.00372	245.22946	31.31011
295.0	0.003390	245.17888	30.06293
295.0	0.003390	245.12834	29.08166
285.0	0.00351	245.07774	28.33838
299.0	0.003344	245.02716	27.80654
304.0	0.003289	244.97661	27.46191
282.0	0.00355	244.92603	27.28323
326.0	0.003067	244.87544	27.25249
325.0	0.003077	244.82486	27.35496
293.0	0.003413	244.77431	27.57916
276.0	0.00362	244.72372	27.91667
311.0	0.003215	244.67314	28.36190
282.0	0.00355	244.62254	29.36379
293.0	0.003413	244.57201	30.02130
271.0	0.00369	244.52142	30.78488
321.0	0.003115	244.47083	31.65858
294.0	0.003401	244.42029	32.64879
317.0	0.003155	244.36969	33.76444
252.0	0.00397	244.31911	35.01730
289.0	0.003460	244.26852	36.42247
274.0	0.00365	244.21797	37.99908
325.0	0.003077	244.16739	39.77106
301.0	0.003322	244.11681	41.76825
292.0	0.003425	244.06625	44.02750
302.0	0.003311	244.01567	46.59403

295.0	0.003390	243.96509	49.90971
323.0	0.003096	243.91449	53.26904
341.0	0.002933	243.86395	57.13378
308.0	0.003247	243.81337	61.59391
336.0	0.002976	243.76277	66.75162
359.0	0.002786	243.71223	72.72045
346.0	0.002890	243.66164	79.62294
373.0	0.002681	243.61105	87.58651
417.0	0.002398	243.56047	96.73634
424.0	0.002358	243.50992	107.18347
469.0	0.002132	243.45934	119.00466
451.0	0.002217	243.40875	132.20988
472.0	0.002119	243.35817	146.69157
488.0	0.002049	243.30762	162.15327
517.0	0.001934	243.25703	178.02570
505.0	0.001980	243.20644	193.40021
536.0	0.001866	243.15590	207.04324
580.0	0.001724	243.10532	217.56505
594.0	0.001684	243.05472	223.76540
609.0	0.001642	243.00414	225.04185
538.0	0.001859	242.95358	221.63536
515.0	0.001942	242.90300	214.54842
522.0	0.001916	242.85242	205.19366
484.0	0.002066	242.80186	194.99492
525.0	0.001905	242.75128	185.12469
524.0	0.001908	242.70070	176.42104
470.0	0.002128	242.65012	169.03777
495.0	0.002020	242.59956	164.07950
487.0	0.002053	242.54898	161.35403
454.0	0.002203	242.49838	160.99352
442.0	0.002262	242.44785	163.10841
404.0	0.002475	242.39726	167.81421
457.0	0.002188	242.34666	175.24564
473.0	0.002114	242.29608	185.56050
495.0	0.002020	242.24553	198.93298
513.0	0.001949	242.19495	215.18449
528.0	0.001894	242.14436	235.15706
511.0	0.001957	242.09378	258.55508
607.0	0.001647	242.04323	285.30316
558.0	0.001792	241.99265	315.15042
634.0	0.001577	241.94206	347.66321
661.0	0.001513	241.89151	382.26328
673.0	0.001486	241.84093	418.27011
709.0	0.001410	241.79034	454.85233
715.0	0.001399	241.73975	490.80988
765.0	0.001307	241.68921	524.24585
802.0	0.001247	241.63861	552.36652
846.0	0.001182	241.58803	571.71759
889.0	0.001125	241.53748	579.00928
792.0	0.001263	241.48689	572.27545
829.0	0.001206	241.43631	552.44910
827.0	0.001209	241.38573	520.51361
764.0	0.001309	241.33517	480.90506
717.0	0.001395	241.28459	437.54135

676.0	0.001479	241.23401	393.69348
616.0	0.001623	241.18346	351.65439
539.0	0.001855	241.13287	312.78818
554.0	0.001805	241.08229	277.74786
500.0	0.002000	241.03169	246.71097
456.0	0.002193	240.98116	219.56725
462.0	0.002165	240.93056	196.04787
410.0	0.002439	240.87997	175.80772
428.0	0.002336	240.82939	158.47459
411.0	0.002433	240.77884	143.67900
411.0	0.002433	240.72826	131.07124
382.0	0.002618	240.67767	120.33123
404.0	0.002475	240.62712	111.17341
354.0	0.002825	240.57654	103.34850
321.0	0.003115	240.52596	96.64294
357.0	0.002801	240.47536	90.87666
353.0	0.002833	240.42482	85.89985
344.0	0.002907	240.37424	81.58922
341.0	0.002933	240.32364	77.84403
379.0	0.002639	240.27310	74.58246
363.0	0.002755	240.22250	71.73804
321.0	0.003115	240.17192	69.25674
322.0	0.003106	240.12134	67.09450
317.0	0.003155	240.07079	65.21518
316.0	0.003165	240.02020	63.58895
342.0	0.002924	239.96962	62.19106
331.0	0.003021	239.91907	61.00083
336.0	0.002976	239.86848	60.00095
303.0	0.003300	239.81790	59.17688
337.0	0.002967	239.76730	58.51643
284.0	0.00352	239.71677	58.00941
323.0	0.003096	239.66618	57.64738
324.0	0.003086	239.61559	57.42342
364.0	0.002747	239.56500	57.33199
286.0	0.003497	239.51445	57.36874
307.0	0.003257	239.46387	57.53052
303.0	0.003300	239.41328	57.81518
312.0	0.003205	239.36273	58.22158
320.0	0.003125	239.31215	58.74954
297.0	0.003367	239.26157	59.39981
319.0	0.003135	239.21098	60.17406
346.0	0.002890	239.16043	61.07489
299.0	0.003344	239.10985	62.10582
291.0	0.003436	239.05925	63.27137
325.0	0.003077	239.00871	64.57711
321.0	0.003115	238.95813	66.02966
311.0	0.003215	238.90753	67.63686
319.0	0.003135	238.85695	69.40779
318.0	0.003145	238.80640	71.35294
302.0	0.003311	238.75581	73.48440
344.0	0.002907	238.70523	75.81593
326.0	0.003067	238.65468	78.36326
316.0	0.003165	238.60410	81.14430
321.0	0.003115	238.55351	84.17947

302.0	0.003311	238.50293	87.92539
328.0	0.003049	238.45238	91.54498
325.0	0.003077	238.40179	95.49881
358.0	0.002793	238.35121	99.82166
305.0	0.003279	238.30061	104.55345
360.0	0.002778	238.25008	109.74038
324.0	0.003086	238.19948	115.43614
366.0	0.002732	238.14890	121.70349
335.0	0.002985	238.09834	128.61646
344.0	0.002907	238.04776	136.26303
387.0	0.002584	237.99718	144.74875
407.0	0.002457	237.94659	154.20129
399.0	0.002506	237.89604	164.77615
404.0	0.002475	237.84546	176.66368
439.0	0.002278	237.79488	190.09769
450.0	0.002222	237.74432	205.36511
555.0	0.001802	237.69374	222.81688
506.0	0.001976	237.64316	242.87923
540.0	0.001852	237.59256	266.06451
594.0	0.001684	237.54202	292.98071
634.0	0.001577	237.49142	324.33810
618.0	0.001618	237.44084	360.95093
759.0	0.001318	237.39029	403.73315
732.0	0.001366	237.33971	453.68484
886.0	0.001129	237.28912	511.86572
1009.0	0.000991	237.23854	579.34930
1206.0	0.000829	237.18799	657.14612
1373.0	0.000728	237.13741	746.07513
1588.0	0.000630	237.08682	846.55341
1780.0	0.000562	237.03622	958.25781
1950.0	0.000513	236.98569	1079.62231
2212.0	0.000452	236.93510	1207.16626
2407.0	0.000415	236.88451	1334.78320
2575.0	0.000388	236.83397	1453.33801
2579.0	0.000388	236.78337	1551.17114
2559.0	0.000391	236.73279	1616.07190
2491.0	0.000401	236.68221	1638.58118
2391.0	0.000418	236.63165	1615.27979
2352.0	0.000425	236.58107	1550.12122
2185.0	0.000458	236.53049	1452.90955
1976.0	0.000506	236.47993	1335.94556
1801.0	0.000555	236.42935	1210.78845
1724.0	0.000580	236.37877	1086.39880
1533.0	0.000652	236.32817	968.72089
1351.0	0.000740	236.27763	861.12744
1149.0	0.000870	236.22705	765.13861
1132.0	0.000883	236.17645	681.08551
1036.0	0.000965	236.12592	608.60327
924.0	0.001082	236.07532	546.96033
910.0	0.001099	236.02473	495.26373
814.0	0.001229	235.97415	452.58435
782.0	0.001279	235.92360	418.03098
658.0	0.001520	235.87302	390.79373
714.0	0.001401	235.82243	370.16611

636.0	0.001572	235.77185	355.55243
655.0	0.001527	235.72130	346.46222
697.0	0.001435	235.67072	342.49139
648.0	0.001543	235.62013	343.28894
626.0	0.001597	235.56958	348.50330
578.0	0.001730	235.51900	357.70129
574.0	0.001742	235.46840	370.25381
598.0	0.001672	235.41782	385.19089
544.0	0.001838	235.36726	401.05386
573.0	0.001745	235.31668	415.82184
602.0	0.001661	235.26610	427.03076
558.0	0.001792	235.21555	432.18808
532.0	0.001880	235.16496	429.43265
589.0	0.001698	235.11438	418.15518
558.0	0.001792	235.06380	399.20377
570.0	0.001754	235.01324	374.53357
536.0	0.001866	234.96266	346.53232
529.0	0.001890	234.91208	317.40137
498.0	0.002008	234.86153	288.81705
501.0	0.001996	234.81094	261.86731
436.0	0.002294	234.76035	237.14677
455.0	0.002198	234.70976	214.89764
426.0	0.002347	234.65921	195.13690
432.0	0.002315	234.60863	177.74980
405.0	0.002469	234.55804	162.55164
395.0	0.002532	234.50746	149.32599
402.0	0.002488	234.45691	137.84824
384.0	0.002604	234.40633	127.89930
334.0	0.002994	234.35574	119.27384
376.0	0.002660	234.30519	111.78503
337.0	0.002967	234.25461	105.26675
367.0	0.002725	234.20403	99.57431
361.0	0.002770	234.15343	94.58367
318.0	0.003145	234.10289	90.19016
305.0	0.003279	234.05229	86.30646
339.0	0.002950	234.00171	82.86031
344.0	0.002907	233.95116	79.79237
345.0	0.002899	233.90057	77.05399
308.0	0.003247	233.84999	74.60529
314.0	0.003185	233.79941	72.41352
308.0	0.003247	233.74886	70.45165
321.0	0.003115	233.69827	68.69727
279.0	0.00358	233.64769	67.13165
306.0	0.003268	233.59714	65.73907
346.0	0.002890	233.54655	64.58881
282.0	0.00355	233.49597	63.50535
287.0	0.003484	233.44537	62.56115
304.0	0.003289	233.39484	61.74829
297.0	0.003367	233.34424	61.06014
330.0	0.003030	233.29366	60.49125
327.0	0.003058	233.24307	60.03722
329.0	0.003040	233.19252	59.69455
298.0	0.003356	233.14194	59.46071
338.0	0.002959	233.09135	59.33395

290.0	0.003448	233.04080	59.31331
315.0	0.003175	232.99022	59.39866
319.0	0.003135	232.93964	59.59062
282.0	0.00355	232.88904	59.89057
328.0	0.003049	232.83850	60.30070
323.0	0.003096	232.78792	60.82403
295.0	0.003390	232.73732	61.46445
286.0	0.003497	232.68678	62.22678
320.0	0.003125	232.63618	63.11684
314.0	0.003185	232.58560	64.14154
333.0	0.003003	232.53502	65.30905
325.0	0.003077	232.48447	66.62885
307.0	0.003257	232.43388	68.11200
277.0	0.00361	232.38330	69.77127
310.0	0.003226	232.33275	71.62148
306.0	0.003268	232.28217	73.67980
305.0	0.003279	232.23158	76.03075
317.0	0.003155	232.18100	78.56884
314.0	0.003185	232.13045	81.38547
303.0	0.003300	232.07986	84.51275
310.0	0.003226	232.02927	87.98887
367.0	0.002725	231.97868	91.85946
353.0	0.002833	231.92813	96.17957
371.0	0.002695	231.87755	100.98425
360.0	0.002778	231.82697	106.41805
396.0	0.002525	231.77641	112.54797
395.0	0.002532	231.72583	119.49431
412.0	0.002427	231.67525	127.40283
411.0	0.002433	231.62466	136.44897
399.0	0.002506	231.57411	146.84164
442.0	0.002262	231.52353	158.82669
427.0	0.002342	231.47295	172.68895
416.0	0.002404	231.42239	188.75287
464.0	0.002155	231.37181	207.38080
514.0	0.001946	231.32121	228.96780
547.0	0.001828	231.27063	253.93201
557.0	0.001795	231.22008	282.69724
586.0	0.001706	231.16949	315.66339
627.0	0.001595	231.11891	353.15677
674.0	0.001484	231.06836	395.34723
742.0	0.001348	231.01778	442.11832
766.0	0.001305	230.96719	492.91504
815.0	0.001227	230.91661	546.35229
826.0	0.001211	230.86606	600.21442
929.0	0.001076	230.81548	651.23016
949.0	0.001054	230.76489	695.41089
1032.0	0.000969	230.71429	728.86926
982.0	0.001018	230.66376	749.01111
925.0	0.001081	230.61316	755.55481
988.0	0.001012	230.56258	750.74609
892.0	0.001121	230.51204	738.61212
846.0	0.001182	230.46144	723.71173
885.0	0.001130	230.41086	710.02454
812.0	0.001232	230.36028	700.30194



841.0	0.001189	230.30972	695.83307
766.0	0.001305	230.25914	696.42053
752.0	0.001330	230.20856	700.43243
786.0	0.001272	230.15800	704.95605
720.0	0.001389	230.10742	706.20331
742.0	0.001348	230.05684	700.30774
737.0	0.001357	230.00624	684.40411
718.0	0.001393	229.95570	657.55292
650.0	0.001538	229.90511	620.98163
635.0	0.001575	229.85452	577.50458
626.0	0.001597	229.80399	530.51031
637.0	0.001570	229.75339	483.07291
524.0	0.001908	229.70280	437.48621
565.0	0.001770	229.65222	395.19266
474.0	0.002110	229.60167	356.93192
437.0	0.002288	229.55109	322.94983
464.0	0.002155	229.50050	293.18225
490.0	0.002041	229.44992	267.39014
421.0	0.002375	229.39937	245.24670
438.0	0.002283	229.34879	226.39189
450.0	0.002222	229.29819	210.46414
420.0	0.002381	229.24765	197.11957
434.0	0.002304	229.19705	186.04272
391.0	0.002558	229.14647	176.95258
394.0	0.002538	229.09589	169.47375
407.0	0.002457	229.04533	163.66566
405.0	0.002469	228.99475	159.22771
390.0	0.002564	228.94417	156.02800
382.0	0.002618	228.89362	153.96866
389.0	0.002571	228.84303	152.98383
381.0	0.002625	228.79245	153.03799
399.0	0.002506	228.74187	154.12540
401.0	0.002494	228.69131	156.27007
418.0	0.002392	228.64073	159.52727
396.0	0.002525	228.59013	163.98573
408.0	0.002451	228.53960	169.77141
388.0	0.002577	228.48900	177.05162
467.0	0.002141	228.43842	186.03990
462.0	0.002165	228.38783	197.00076
434.0	0.002304	228.33728	210.25354
450.0	0.002222	228.28670	226.17490
550.0	0.001818	228.23611	245.19885
520.0	0.001923	228.18553	267.81342
572.0	0.001748	228.13498	294.55197
570.0	0.001754	228.08440	325.97839
597.0	0.001675	228.03381	362.66083
714.0	0.001401	227.98326	405.12921
687.0	0.001456	227.93268	453.74594
721.0	0.001387	227.88208	508.82562
834.0	0.001199	227.83150	570.10132
892.0	0.001121	227.78096	636.69189
944.0	0.001059	227.73036	706.68927
1031.0	0.000970	227.67978	776.78540
1151.0	0.000869	227.62923	842.06030

1185.0	0.000844	227.57864	895.85461
1112.0	0.000899	227.52806	932.29846
1167.0	0.000857	227.47748	945.73566
1119.0	0.000894	227.42693	934.00806
1060.0	0.000943	227.37634	898.88416
1104.0	0.000906	227.32576	845.39020
985.0	0.001015	227.27521	780.10284
860.0	0.001163	227.22462	709.39429
835.0	0.001198	227.17403	638.34180
782.0	0.001279	227.12344	570.40930
745.0	0.001342	227.07291	507.62692
698.0	0.001433	227.02231	450.95914
667.0	0.001499	226.97173	400.66406
605.0	0.001653	226.92114	356.57132
608.0	0.001645	226.87059	318.27121
522.0	0.001916	226.82001	285.23526
537.0	0.001862	226.76942	256.89056
469.0	0.002132	226.71887	232.66426
482.0	0.002075	226.66829	212.01086
496.0	0.002016	226.61771	194.42834
448.0	0.002232	226.56711	179.46664
464.0	0.002155	226.51657	166.73146
436.0	0.002294	226.46597	155.88412
403.0	0.002481	226.41539	146.63901
381.0	0.002625	226.36485	138.75903
436.0	0.002294	226.31425	132.05045
387.0	0.002584	226.26367	126.35693
389.0	0.002571	226.21309	121.55417
405.0	0.002469	226.16254	117.54475
388.0	0.002577	226.11195	114.25384
356.0	0.002809	226.06137	111.62552
339.0	0.002950	226.01082	109.62030
351.0	0.002849	225.96024	108.21310
400.0	0.002500	225.90965	107.39224
369.0	0.002710	225.85905	107.15910
359.0	0.002786	225.80852	107.52857
370.0	0.002703	225.75792	108.52994
342.0	0.002924	225.70734	110.20881
393.0	0.002545	225.65675	112.62922
355.0	0.002817	225.60620	115.87646
359.0	0.002786	225.55562	120.06010
391.0	0.002558	225.50504	125.31710
385.0	0.002597	225.45448	131.81476
414.0	0.002415	225.40390	139.75290
412.0	0.002427	225.35332	149.36511
458.0	0.002183	225.30273	160.91823
430.0	0.002326	225.25218	174.70958
491.0	0.002037	225.20160	191.06113
549.0	0.001821	225.15100	210.30894
503.0	0.001988	225.10046	232.78568
517.0	0.001934	225.04987	258.79175
544.0	0.001838	224.99928	288.54791
663.0	0.001508	224.94870	322.11859
675.0	0.001481	224.89815	359.29318

715.0	0.001399	224.84756	399.41418
830.0	0.001205	224.79698	441.16129
832.0	0.001202	224.74643	482.34308
878.0	0.001139	224.69585	519.82068
943.0	0.001060	224.64526	549.75049
952.0	0.001050	224.59468	568.28796
926.0	0.001080	224.54413	572.64459
929.0	0.001076	224.49355	562.04462
811.0	0.001233	224.44295	538.01587
837.0	0.001195	224.39236	503.82455
785.0	0.001274	224.34183	463.41812
751.0	0.001332	224.29123	420.45233
692.0	0.001445	224.24065	377.74875
592.0	0.001689	224.19009	337.18146
555.0	0.001802	224.13951	299.81662
516.0	0.001938	224.08893	266.13339
512.0	0.001953	224.03835	236.22789
449.0	0.002227	223.98779	209.96657
417.0	0.002398	223.93721	187.08911
396.0	0.002525	223.88663	167.27380
396.0	0.002525	223.83607	150.17747
347.0	0.002882	223.78549	135.45993
365.0	0.002740	223.73489	122.79855
342.0	0.002924	223.68431	111.89693
319.0	0.003135	223.63377	102.48956
364.0	0.002747	223.58318	94.34338
347.0	0.002882	223.53259	87.25768
300.0	0.003333	223.48204	81.06222
309.0	0.003236	223.43146	75.61442
298.0	0.003356	223.38087	70.79621
346.0	0.002890	223.33029	66.51045
302.0	0.003311	223.27974	62.67764
293.0	0.003413	223.22916	59.23271
271.0	0.00369	223.17857	56.12235
296.0	0.003378	223.12798	53.30270
283.0	0.00353	223.07744	50.73741
297.0	0.003367	223.02684	48.39612
288.0	0.003472	222.97626	46.25329
279.0	0.00358	222.92572	44.28722
262.0	0.00382	222.87512	42.47930
260.0	0.00385	222.82454	40.81354
256.0	0.00391	222.77396	38.04899
273.0	0.00366	222.72340	36.63647
257.0	0.00389	222.67282	35.32936
270.0	0.00370	222.62224	34.11832
277.0	0.00361	222.57169	32.99512
279.0	0.00358	222.52110	31.95249
268.0	0.00373	222.47052	30.98399
307.0	0.003257	222.41992	30.08392
277.0	0.00361	222.36938	29.24719
261.0	0.00383	222.31879	28.46933
270.0	0.00370	222.26820	27.74633
316.0	0.003165	222.21767	27.07466
281.0	0.00356	222.16707	26.45118

297.0	0.003367	222.11649	25.87313
299.0	0.003344	222.06590	25.33808
332.0	0.003012	222.01535	24.84389
268.0	0.00373	221.96477	24.38875
267.0	0.00375	221.91418	23.97104
280.0	0.00357	221.86360	23.58946
301.0	0.003322	221.81305	23.24290
294.0	0.003401	221.76247	22.93049
258.0	0.00388	221.71187	22.65160
230.0	0.00435	221.66133	22.40580
269.0	0.00372	221.61075	22.19290
269.0	0.00372	221.56015	22.01291
272.0	0.00368	221.50957	21.86611
293.0	0.003413	221.45901	21.75301
265.0	0.00377	221.40843	21.67438
238.0	0.00420	221.35785	21.63130
286.0	0.003497	221.30730	21.62515
252.0	0.00397	221.25671	21.73035
288.0	0.003472	221.20613	21.56087
278.0	0.00360	221.15555	21.68001
279.0	0.00358	221.10500	21.84582
227.0	0.00441	221.05441	22.06217
264.0	0.00379	221.00381	22.33377
274.0	0.00365	220.95328	22.66633
299.0	0.003344	220.90269	23.06680
254.0	0.00394	220.85210	23.54370
271.0	0.00369	220.80151	24.10748
298.0	0.003356	220.75096	24.77094
293.0	0.003413	220.70038	25.54981
299.0	0.003344	220.64980	26.46328
277.0	0.00361	220.59921	27.53467
283.0	0.00353	220.54866	28.79198
271.0	0.00369	220.49808	30.28420
285.0	0.00351	220.44749	32.01918
320.0	0.003125	220.39694	34.05747
285.0	0.00351	220.34636	36.45000
304.0	0.003289	220.29576	39.25312
309.0	0.003236	220.24518	42.52765
297.0	0.003367	220.19464	46.33689
306.0	0.003268	220.14404	50.74365
269.0	0.00372	220.09346	55.80511
266.0	0.00376	220.04291	61.56448
333.0	0.003003	219.99232	68.03750
289.0	0.003460	219.94174	75.19162
322.0	0.003106	219.89116	82.91577
347.0	0.002882	219.84061	90.98196
300.0	0.003333	219.79002	99.00716
340.0	0.002941	219.73944	106.43668
337.0	0.002967	219.68889	112.58120
341.0	0.002933	219.63831	116.73492
311.0	0.003215	219.58771	118.36206
356.0	0.002809	219.53712	117.27654
298.0	0.003356	219.48659	113.71323
311.0	0.003215	219.43599	108.24503

292.0	0.003425	219.38541	101.59901
308.0	0.003247	219.33482	94.47440
304.0	0.003289	219.28427	87.43215
301.0	0.003322	219.23369	80.86446
301.0	0.003322	219.18311	75.01479
282.0	0.00355	219.13255	70.01721
260.0	0.00385	219.08197	65.93455
303.0	0.003300	219.03139	62.78776
331.0	0.003021	218.98079	60.57591
313.0	0.003195	218.93025	59.28848
303.0	0.003300	218.87965	58.91219
301.0	0.003322	218.82907	59.43377
289.0	0.003460	218.77853	60.83959
307.0	0.003257	218.72794	63.11182
329.0	0.003040	218.67735	66.22038
327.0	0.003058	218.62677	70.10909
306.0	0.003268	218.57622	74.67465
315.0	0.003175	218.52563	79.73821
338.0	0.002959	218.47505	85.01426
361.0	0.002770	218.42450	90.08964
331.0	0.003021	218.37392	94.60713
343.0	0.002915	218.32333	97.65245
343.0	0.002915	218.27274	98.90835
329.0	0.003040	218.22220	98.12256
344.0	0.002907	218.17162	95.36604
358.0	0.002793	218.12102	91.00556
308.0	0.003247	218.07043	85.57804
318.0	0.003145	218.01988	79.64104
340.0	0.002941	217.96930	73.66613
276.0	0.00362	217.91872	67.99658
314.0	0.003185	217.86816	62.85272
324.0	0.003086	217.81758	58.35932
300.0	0.003333	217.76700	54.57610
281.0	0.00356	217.71642	51.52269
308.0	0.003247	217.66586	49.19608
299.0	0.003344	217.61528	47.58149
305.0	0.003279	217.56468	46.65839
287.0	0.003484	217.51414	46.40283
298.0	0.003356	217.46356	46.78659
330.0	0.003030	217.41296	47.77328
275.0	0.00364	217.36238	49.31032
294.0	0.003401	217.31183	51.31658
309.0	0.003236	217.26125	53.66563
315.0	0.003175	217.21066	56.16795
313.0	0.003195	217.16011	58.56045
320.0	0.003125	217.10953	60.51741
355.0	0.002817	217.05894	61.69620
313.0	0.003195	217.00836	61.81668
331.0	0.003021	216.95781	60.74568
326.0	0.003067	216.90723	58.54071
298.0	0.003356	216.85663	55.42519
294.0	0.003401	216.80605	51.71072
302.0	0.003311	216.75551	47.25774
308.0	0.003247	216.70491	43.23454

280.0	0.00357	216.65433	39.36588
272.0	0.00368	216.60378	35.76177
270.0	0.00370	216.55319	32.47715
293.0	0.003413	216.50261	29.52942
269.0	0.00372	216.45203	26.91265
288.0	0.003472	216.40147	24.60745
259.0	0.00386	216.35089	22.58748
281.0	0.00356	216.30031	20.82350
259.0	0.00386	216.24976	19.28581
295.0	0.003390	216.19917	18.50644
278.0	0.00360	216.14857	17.34137
275.0	0.00364	216.09799	16.32300
274.0	0.00365	216.04745	15.04411
256.0	0.00391	215.99686	14.25998
274.0	0.00365	215.94627	13.56600
254.0	0.00394	215.89572	12.94847
251.0	0.00398	215.84514	12.39592
269.0	0.00372	215.79456	11.89881
249.0	0.00402	215.74397	11.44924
259.0	0.00386	215.69342	11.04071
263.0	0.00380	215.64284	10.66784
274.0	0.00365	215.59225	10.32617
265.0	0.00377	215.54166	10.01199
256.0	0.00391	215.49112	9.72217
260.0	0.00385	215.44054	9.45409
250.0	0.00400	215.38994	9.20549
261.0	0.00383	215.33940	8.97442
274.0	0.00365	215.28880	8.75922
271.0	0.00369	215.23822	8.55842
262.0	0.00382	215.18764	8.37071
256.0	0.00391	215.13708	8.19498
230.0	0.00435	215.08650	8.03021
244.0	0.00410	215.03592	7.87550
250.0	0.00400	214.98537	7.73005
268.0	0.00373	214.93478	7.59314
235.0	0.00426	214.88420	7.46414
284.0	0.00352	214.83360	7.34245
274.0	0.00365	214.78307	7.22756
262.0	0.00382	214.73248	7.11898
255.0	0.00392	214.68188	7.01630
279.0	0.00358	214.63135	6.91913
261.0	0.00383	214.58075	6.82710
253.0	0.00395	214.53017	6.73989
272.0	0.00368	214.47958	6.65722
246.0	0.00407	214.42903	6.57880
253.0	0.00395	214.37845	6.50440
258.0	0.00388	214.32787	6.43378
242.0	0.00413	214.27728	6.36675
242.0	0.00413	214.22673	6.30310
264.0	0.00379	214.17615	6.24266
229.0	0.00437	214.12555	6.18527
245.0	0.00408	214.07501	6.13079
252.0	0.00397	214.02443	6.07906
230.0	0.00435	213.97383	6.02997

263.0	0.00380	213.92325	5.98340
267.0	0.00375	213.87270	5.93923
257.0	0.00389	213.82211	5.89736
241.0	0.00415	213.77153	6.57889
249.0	0.00402	213.72098	6.54661
261.0	0.00383	213.67039	6.51643
240.0	0.00417	213.61981	6.48828
225.0	0.00444	213.56923	6.46209
258.0	0.00388	213.51868	6.04131
283.0	0.00353	213.46809	6.02628
289.0	0.003460	213.41750	6.01301
245.0	0.00408	213.36696	6.00144
262.0	0.00382	213.31638	5.99152
253.0	0.00395	213.26578	5.98322
253.0	0.00395	213.21519	5.97650
236.0	0.00424	213.16464	5.97133
276.0	0.00362	213.11406	5.96766
255.0	0.00392	213.06348	5.96548
257.0	0.00389	213.01289	5.96475
247.0	0.00405	212.96234	5.96545
257.0	0.00389	212.91176	5.96757
250.0	0.00400	212.86118	5.97107
228.0	0.00439	212.81062	5.97595
246.0	0.00407	212.76004	5.98219
274.0	0.00365	212.70944	5.98978
261.0	0.00383	212.65886	6.67582
263.0	0.00380	212.60832	6.69101
245.0	0.00408	212.55772	6.70757
230.0	0.00435	212.50714	6.72550
228.0	0.00439	212.45659	6.74480
258.0	0.00388	212.40601	6.76547
243.0	0.00412	212.35542	6.78752
234.0	0.00427	212.30484	6.81094
245.0	0.00408	212.25429	6.83573
270.0	0.00370	212.20370	6.86192
270.0	0.00370	212.15312	6.88950
253.0	0.00395	212.10257	6.91849
244.0	0.00410	212.05199	6.94890
245.0	0.00408	212.00140	6.98074
223.0	0.00448	211.95081	7.01403
264.0	0.00379	211.90027	7.04879
270.0	0.00370	211.88000	7.08505
256.0	0.00391	211.88000	7.12281
258.0	0.00388	211.88000	7.16211
275.0	0.00364	211.88000	7.20297
242.0	0.00413	211.88000	7.24542
266.0	0.00376	211.88000	7.28949
263.0	0.00380	211.88000	7.33523
259.0	0.00386	211.88000	7.38265
281.0	0.00356	211.88000	7.43181
224.0	0.00446	211.88000	7.48274
231.0	0.00433	211.88000	7.53549
233.0	0.00429	211.88000	7.59010
239.0	0.00418	211.88000	7.64663

252.0	0.00397	211.88000	7.70514
249.0	0.00402	211.88000	7.76568
239.0	0.00418	211.88000	7.82831
242.0	0.00413	211.88000	7.89310
248.0	0.00403	211.88000	7.96012
265.0	0.00377	211.88000	8.02945
248.0	0.00403	211.88000	8.10116
233.0	0.00429	211.88000	8.17535
244.0	0.00410	211.88000	8.25211
268.0	0.00373	211.88000	8.33153
260.0	0.00385	211.88000	8.41372
255.0	0.00392	211.88000	8.49879
256.0	0.00391	211.88000	8.15453
276.0	0.00362	211.88000	8.24885
265.0	0.00377	211.88000	8.34641
239.0	0.00418	211.88000	8.44736
257.0	0.00389	211.88000	8.55186
255.0	0.00392	211.88000	8.66007
245.0	0.00408	211.88000	8.77219
281.0	0.00356	211.88000	8.88841
248.0	0.00403	211.88000	9.00895
286.0	0.003497	211.88000	9.13405
258.0	0.00388	211.88000	9.26394
258.0	0.00388	211.88000	9.39891
249.0	0.00402	211.88000	9.53924
269.0	0.00372	211.88000	9.68526
265.0	0.00377	211.88000	9.83732
268.0	0.00373	211.88000	9.99579
259.0	0.00386	211.88000	10.16107
270.0	0.00370	211.88000	10.33364
230.0	0.00435	211.88000	10.51396
248.0	0.00403	211.88000	10.70259
250.0	0.00400	211.88000	10.90013
260.0	0.00385	211.88000	11.10720
278.0	0.00360	211.88000	11.32455
268.0	0.00373	211.88000	11.55296
256.0	0.00391	211.88000	11.79332
262.0	0.00382	211.88000	12.04659
273.0	0.00366	211.88000	12.31387
256.0	0.00391	211.88000	12.59637
269.0	0.00372	211.88000	12.89544
275.0	0.00364	211.88000	13.21261
243.0	0.00412	211.88000	13.54958
255.0	0.00392	211.88000	13.90830
249.0	0.00402	211.88000	14.29098
280.0	0.00357	211.88000	14.70012
263.0	0.00380	211.88000	15.13862
273.0	0.00366	211.88000	15.60983
255.0	0.00392	211.88000	16.11765
247.0	0.00405	211.88000	16.66668
246.0	0.00407	211.88000	17.26237
257.0	0.00389	211.88000	17.91123
266.0	0.00376	211.88000	18.62110
274.0	0.00365	211.88000	19.40144



225.0	0.00444	211.88000	20.26375
259.0	0.00386	211.88000	21.22192
277.0	0.00361	211.88000	22.29277
263.0	0.00380	211.88000	23.49647
284.0	0.00352	211.88000	24.85703
256.0	0.00391	211.88000	26.40275
247.0	0.00405	211.88000	28.16644
301.0	0.003322	211.88000	30.18564
269.0	0.00372	211.88000	32.50247
278.0	0.00360	211.88000	35.16320
290.0	0.003448	211.88000	38.21737
302.0	0.003311	211.88000	41.71622
266.0	0.00376	211.88000	45.71018
259.0	0.00386	211.88000	50.24472
304.0	0.003289	211.88000	55.35357
302.0	0.003311	211.88000	61.04799
277.0	0.00361	211.88000	67.30028
322.0	0.003106	211.88000	74.02027
297.0	0.003367	211.88000	81.02590
332.0	0.003012	211.88000	88.01430
330.0	0.003030	211.88000	94.54930
305.0	0.003279	211.88000	100.08939
311.0	0.003215	211.88000	104.07582
291.0	0.003436	211.88000	106.07361
331.0	0.003021	211.88000	105.91171
319.0	0.003135	211.88000	103.74682
338.0	0.002959	211.88000	100.01140
332.0	0.003012	211.88000	95.27747
322.0	0.003106	211.88000	90.11124
302.0	0.003311	211.88000	84.97599
308.0	0.003247	211.88000	80.19538
287.0	0.003484	211.88000	75.95860
326.0	0.003067	211.88000	72.34303
313.0	0.003195	211.88000	69.33750
291.0	0.003436	211.88000	66.86159
272.0	0.00368	211.88000	64.78276
298.0	0.003356	211.88000	62.93847
313.0	0.003195	211.88000	61.16710
264.0	0.00379	211.88000	59.34415
254.0	0.00394	211.88000	57.41059
299.0	0.003344	211.88000	55.37898
288.0	0.003472	211.88000	53.31520
274.0	0.00365	211.88000	51.30753
260.0	0.00385	211.88000	49.43908
285.0	0.00351	211.88000	47.77250
293.0	0.003413	211.88000	46.34661
263.0	0.00380	211.88000	45.18010
283.0	0.00353	211.88000	44.27758
311.0	0.003215	211.88000	43.63528
293.0	0.003413	211.88000	43.24534
269.0	0.00372	211.88000	43.09882
297.0	0.003367	211.88000	43.18756
272.0	0.00368	211.88000	43.50547
295.0	0.003390	211.88000	44.04948

294.0	0.003401	211.88000	44.82026
293.0	0.003413	211.88000	45.82301
287.0	0.003484	211.88000	46.98574
289.0	0.003460	211.88000	48.49040
281.0	0.00356	211.88000	50.27747
279.0	0.00358	211.88000	52.37840
291.0	0.003436	211.88000	54.83353
298.0	0.003356	211.88000	57.69305
300.0	0.003333	211.88000	61.01775
321.0	0.003115	211.88000	64.87951
316.0	0.003165	211.88000	69.36150
301.0	0.003322	211.88000	74.55766
287.0	0.003484	211.88000	80.57159
309.0	0.003236	211.88000	87.51423
381.0	0.002625	211.88000	95.50020
350.0	0.002857	211.88000	104.64160
344.0	0.002907	211.88000	115.03822
351.0	0.002849	211.88000	126.76170
344.0	0.002907	211.88000	139.83041
357.0	0.002801	211.88000	154.17119
373.0	0.002681	211.88000	169.56522
349.0	0.002865	211.88000	185.58037
395.0	0.002532	211.88000	201.50581
425.0	0.002353	211.88000	216.32405
416.0	0.002404	211.88000	228.77533
427.0	0.002342	211.88000	237.55946
440.0	0.002273	211.88000	241.65677
436.0	0.002294	211.88000	240.64827
436.0	0.002294	211.88000	234.79964
440.0	0.002273	211.88000	225.20668
425.0	0.002353	211.88000	213.09862
425.0	0.002353	211.88000	199.76892
396.0	0.002525	211.88000	186.28851
362.0	0.002762	211.88000	173.42477
375.0	0.002667	211.88000	161.66020
337.0	0.002967	211.88000	151.25566
356.0	0.002809	211.88000	142.31949
306.0	0.003268	211.88000	134.86412
334.0	0.002994	211.88000	128.84700
355.0	0.002817	211.88000	124.19788
368.0	0.002717	211.88000	120.83665
348.0	0.002874	211.88000	118.68487
337.0	0.002967	211.88000	117.67360
331.0	0.003021	211.88000	117.74909
376.0	0.002660	211.88000	118.87726
364.0	0.002747	211.88000	121.04736
351.0	0.002849	211.88000	124.27531
388.0	0.002577	211.88000	128.60677
388.0	0.002577	211.88000	134.11987
402.0	0.002488	211.88000	140.92795
392.0	0.002551	211.88000	149.18152
390.0	0.002564	211.88000	159.06979
407.0	0.002457	211.88000	170.82130
468.0	0.002137	211.88000	184.66458

456.0	0.002193	211.88000	200.97855
509.0	0.001965	211.88000	220.05682
527.0	0.001898	211.88000	242.25206
558.0	0.001792	211.88000	267.92261
579.0	0.001727	211.88000	297.40851
631.0	0.001585	211.88000	330.99353
677.0	0.001477	211.88000	368.84399
728.0	0.001374	211.88000	410.91385
766.0	0.001305	211.88000	456.80365
860.0	0.001163	211.88000	505.56866
910.0	0.001099	211.88000	555.49774
949.0	0.001054	211.88000	603.93182
1031.0	0.000970	211.88000	647.26367
1070.0	0.000935	211.88000	681.29401
1066.0	0.000938	211.88000	702.03619
1081.0	0.000925	211.88000	706.79651
1051.0	0.000951	211.88000	695.05695
1034.0	0.000967	211.88000	668.65869
933.0	0.001072	211.88000	631.17450
840.0	0.001190	211.88000	586.84271
767.0	0.001304	211.88000	539.60419
747.0	0.001339	211.88000	492.55228
674.0	0.001484	211.88000	447.80060
592.0	0.001689	211.88000	406.60687
573.0	0.001745	211.88000	369.59000
566.0	0.001767	211.88000	336.93927
556.0	0.001799	211.88000	308.57779
506.0	0.001976	211.88000	284.27618
493.0	0.002028	211.88000	263.72662
477.0	0.002096	211.88000	246.58998
453.0	0.002208	211.88000	232.52483
416.0	0.002404	211.88000	221.20599
456.0	0.002193	211.88000	212.33612
435.0	0.002299	211.88000	205.65289
402.0	0.002488	211.88000	200.93323
400.0	0.002500	211.88000	197.99539
409.0	0.002445	211.88000	196.69997
396.0	0.002525	211.88000	196.94981
397.0	0.002519	211.88000	198.68990
435.0	0.002299	211.88000	201.90727
428.0	0.002336	211.88000	206.63171
432.0	0.002315	211.88000	212.93681
455.0	0.002198	211.88000	220.94209
466.0	0.002146	211.88000	230.81572
469.0	0.002132	211.88000	242.77774
496.0	0.002016	211.88000	257.10324
527.0	0.001898	211.88000	274.12521
538.0	0.001859	211.88000	294.23618
546.0	0.001832	211.88000	317.88791
624.0	0.001603	211.88000	345.58868
611.0	0.001637	211.88000	377.89563
664.0	0.001506	211.88000	415.40170
733.0	0.001364	211.88000	458.71234
722.0	0.001385	211.88000	508.40759

881.0	0.001135	211.88000	564.97888
841.0	0.001189	211.88000	628.72968
985.0	0.001015	211.88000	699.62244
1118.0	0.000894	211.88000	777.05957
1187.0	0.000842	211.88000	859.60406
1332.0	0.000751	211.88000	944.69092
1510.0	0.000662	211.88000	1028.45752
1591.0	0.000629	211.88000	1105.89612
1589.0	0.000629	211.88000	1171.51404
1671.0	0.000598	211.88000	1220.46997
1678.0	0.000596	211.88000	1249.77844
1682.0	0.000595	211.88000	1258.94763
1636.0	0.000611	211.88000	1249.69800
1637.0	0.000611	211.88000	1225.04529
1576.0	0.000635	211.88000	1188.42126
1532.0	0.000653	211.88000	1143.29382
1397.0	0.000716	211.88000	1093.19922
1382.0	0.000724	211.88000	1041.80505
1265.0	0.000791	211.88000	992.74445
1279.0	0.000782	211.88000	949.28381
1293.0	0.000773	211.88000	914.01886
1234.0	0.000810	211.88000	888.72583
1270.0	0.000787	211.88000	874.35120
1295.0	0.000772	211.88000	871.05151
1341.0	0.000746	211.88000	878.19556
1386.0	0.000722	211.88000	894.28363
1409.0	0.000710	211.88000	916.79602
1492.0	0.000670	211.88000	942.05634
1479.0	0.000676	211.88000	965.27881
1428.0	0.000700	211.88000	981.01007
1353.0	0.000739	211.88000	984.07788
1365.0	0.000733	211.88000	970.85291
1266.0	0.000790	211.88000	940.28400
1209.0	0.000827	211.88000	894.13000
1132.0	0.000883	211.88000	836.24542
1100.0	0.000909	211.88000	771.34528
1011.0	0.000989	211.88000	703.86835
971.0	0.001030	211.88000	637.31274
880.0	0.001136	211.88000	574.05957
803.0	0.001245	211.88000	515.50220
652.0	0.001534	211.88000	462.29178
680.0	0.001471	211.88000	414.57877
638.0	0.001567	211.88000	372.20309
648.0	0.001543	211.88000	334.82721
563.0	0.001776	211.88000	302.02280
502.0	0.001992	211.88000	273.32513
467.0	0.002141	211.88000	248.26678
502.0	0.001992	211.88000	226.39813
484.0	0.002066	211.88000	207.30002
407.0	0.002457	211.88000	190.59068
379.0	0.002639	211.88000	175.92940
386.0	0.002591	211.88000	163.01704
388.0	0.002577	211.88000	151.59502
381.0	0.002625	211.88000	141.44247

368.0	0.002717	211.88000	132.37283
354.0	0.002825	211.88000	124.22974
360.0	0.002778	211.88000	116.88283
335.0	0.002985	211.88000	110.22376
315.0	0.003175	211.88000	104.16248
302.0	0.003311	211.88000	98.62395
302.0	0.003311	211.88000	93.54542
318.0	0.003145	211.88000	88.87402
329.0	0.003040	211.88000	84.56492
317.0	0.003155	211.88000	80.57983
305.0	0.003279	211.88000	76.88573
317.0	0.003155	211.88000	73.45400
287.0	0.003484	211.88000	70.25967
306.0	0.003268	211.88000	67.28074
262.0	0.00382	211.88000	64.49783
310.0	0.003226	211.88000	61.89375
271.0	0.00369	211.88000	59.45316
283.0	0.00353	211.88000	57.16238
305.0	0.003279	211.88000	55.00915
277.0	0.00361	211.88000	52.98244
266.0	0.00376	211.88000	51.07234
276.0	0.00362	211.88000	49.26987
282.0	0.00355	211.88000	47.56693
272.0	0.00368	211.88000	45.95616
264.0	0.00379	211.88000	44.43089
275.0	0.00364	211.88000	42.98504
268.0	0.00373	211.88000	41.61307
251.0	0.00398	211.88000	40.30992
253.0	0.00395	211.88000	39.07096
290.0	0.003448	211.88000	37.89195
265.0	0.00377	211.88000	36.76899
280.0	0.00357	211.88000	35.69851
259.0	0.00386	211.88000	34.67721
266.0	0.00376	211.88000	33.70206
245.0	0.00408	211.88000	32.77026
264.0	0.00379	211.88000	31.87922
272.0	0.00368	211.88000	31.02653
257.0	0.00389	211.88000	30.20999
252.0	0.00397	211.88000	29.42753
271.0	0.00369	211.88000	28.67723
277.0	0.00361	211.88000	27.95732
272.0	0.00368	211.88000	27.26614
243.0	0.00412	211.88000	26.60216
242.0	0.00413	211.88000	25.96392
258.0	0.00388	211.88000	25.35009
234.0	0.00427	211.88000	24.75941
250.0	0.00400	211.88000	24.19070
264.0	0.00379	211.88000	23.64287
263.0	0.00380	211.88000	23.11488
260.0	0.00385	211.88000	22.60576
278.0	0.00360	211.88000	22.11461
228.0	0.00439	211.88000	21.64057
260.0	0.00385	211.88000	21.18284
255.0	0.00392	211.88000	20.74067

258.0	0.00388	211.88000	20.31333
271.0	0.00369	211.88000	19.90017
253.0	0.00395	211.88000	19.50055
259.0	0.00386	211.88000	19.11386
273.0	0.00366	211.88000	18.73955
266.0	0.00376	211.88000	18.37709
223.0	0.00448	211.88000	18.02596
253.0	0.00395	211.88000	17.68569
275.0	0.00364	211.88000	17.35583
246.0	0.00407	211.88000	17.03595
264.0	0.00379	211.88000	16.72564
226.0	0.00442	211.88000	16.42451
254.0	0.00394	211.88000	16.13221
248.0	0.00403	211.88000	15.84838
256.0	0.00391	211.88000	15.57269
243.0	0.00412	211.88000	15.30482
250.0	0.00400	211.88000	15.04449
247.0	0.00405	211.88000	14.79140
229.0	0.00437	211.88000	14.54527
242.0	0.00413	211.88000	14.30586
265.0	0.00377	211.88000	14.07292
223.0	0.00448	211.88000	13.84620
266.0	0.00376	211.88000	13.62549
276.0	0.00362	211.88000	13.41058
241.0	0.00415	211.88000	13.20125
251.0	0.00398	211.88000	12.99731
249.0	0.00402	211.88000	12.79858
240.0	0.00417	211.88000	12.60487
230.0	0.00435	211.88000	12.41602
249.0	0.00402	211.88000	12.15913
256.0	0.00391	211.88000	11.98002
249.0	0.00402	211.88000	11.80529
243.0	0.00412	211.88000	11.63480
220.0	0.00455	211.88000	11.46840
244.0	0.00410	211.88000	11.30597
227.0	0.00441	211.88000	11.14737
244.0	0.00410	211.88000	10.99249
263.0	0.00380	211.88000	10.84121
257.0	0.00389	211.88000	10.69341
261.0	0.00383	211.88000	10.54899
278.0	0.00360	211.88000	10.40784
235.0	0.00426	211.88000	10.26986
246.0	0.00407	211.88000	10.13496
249.0	0.00402	211.88000	10.00305
243.0	0.00412	211.88000	9.85847
252.0	0.00397	211.88000	9.73237
256.0	0.00391	211.88000	9.60901
252.0	0.00397	211.88000	9.48829
236.0	0.00424	211.88000	9.37015
259.0	0.00386	211.88000	9.25450
268.0	0.00373	211.88000	9.14128
265.0	0.00377	211.88000	9.03042
261.0	0.00383	211.88000	8.92185
236.0	0.00424	211.88000	8.81551

284.0	0.00352	211.88000	8.71134
258.0	0.00388	211.88000	8.60927
249.0	0.00402	211.88000	8.50926
227.0	0.00441	211.88000	8.41124
257.0	0.00389	211.88000	8.31517
246.0	0.00407	211.88000	8.22098
250.0	0.00400	211.88000	8.12863
261.0	0.00383	211.88000	8.03808
260.0	0.00385	211.88000	7.94927
249.0	0.00402	211.88000	7.86216
248.0	0.00403	211.88000	7.77671
262.0	0.00382	211.88000	7.69287
262.0	0.00382	211.88000	7.61061
251.0	0.00398	211.88000	7.52988
263.0	0.00380	211.88000	7.45064
241.0	0.00415	211.88000	7.37286
246.0	0.00407	211.88000	13.31334
234.0	0.00427	211.88000	13.28223
257.0	0.00389	211.88000	13.25295
259.0	0.00386	211.88000	13.22548
253.0	0.00395	211.88000	13.19980
252.0	0.00397	211.88000	13.17588
229.0	0.00437	211.88000	13.15369
240.0	0.00417	211.88000	13.13322
243.0	0.00412	211.88000	13.11445
274.0	0.00365	211.88000	13.09736
247.0	0.00405	211.88000	13.08192
233.0	0.00429	211.88000	13.06812
260.0	0.00385	211.88000	13.05595
242.0	0.00413	211.88000	13.04538
259.0	0.00386	211.88000	13.03641
263.0	0.00380	211.88000	13.02902
243.0	0.00412	211.88000	12.85189
272.0	0.00368	211.88000	12.84885
247.0	0.00405	211.88000	12.84734
231.0	0.00433	211.88000	12.84735
236.0	0.00424	211.88000	12.84886
252.0	0.00397	211.88000	12.85188
251.0	0.00398	211.88000	12.85638
237.0	0.00422	211.88000	12.86236
264.0	0.00379	211.88000	12.86983
265.0	0.00377	211.88000	12.87875
232.0	0.00431	211.88000	12.88914
237.0	0.00422	211.88000	12.90099
245.0	0.00408	211.88000	12.91430
245.0	0.00408	211.88000	12.92905
233.0	0.00429	211.88000	12.94525
228.0	0.00439	211.88000	12.96289
248.0	0.00403	211.88000	12.98197
245.0	0.00408	211.88000	13.00249
238.0	0.00420	211.88000	13.02446
236.0	0.00424	211.88000	13.04786
261.0	0.00383	211.88000	13.07271
272.0	0.00368	211.88000	13.09899

269.0	0.00372	211.88000	13.12672
237.0	0.00422	211.88000	13.15590
255.0	0.00392	211.88000	13.18652
242.0	0.00413	211.88000	13.21859
250.0	0.00400	211.88000	13.25212
224.0	0.00446	211.88000	13.28712
236.0	0.00424	211.88000	13.32357
232.0	0.00431	211.88000	13.36150
241.0	0.00415	211.88000	13.40091
233.0	0.00429	211.88000	13.44181
240.0	0.00417	211.88000	13.48420
256.0	0.00391	211.88000	13.52809
251.0	0.00398	211.88000	13.57349
242.0	0.00413	211.88000	13.62041
238.0	0.00420	211.88000	13.66886
256.0	0.00391	211.88000	13.71886
265.0	0.00377	211.88000	13.77040
259.0	0.00386	211.88000	13.82352
242.0	0.00413	211.88000	13.87821
249.0	0.00402	211.88000	13.93449
246.0	0.00407	211.88000	13.46786
244.0	0.00410	211.88000	13.49350
254.0	0.00394	211.88000	13.55866
234.0	0.00427	211.88000	13.62542
239.0	0.00418	211.88000	13.69382
230.0	0.00435	211.88000	13.76385
240.0	0.00417	211.88000	13.83555
254.0	0.00394	211.88000	13.90893
231.0	0.00433	211.88000	13.98401
254.0	0.00394	211.88000	14.06082
234.0	0.00427	211.88000	14.13937
270.0	0.00370	211.88000	14.21969
237.0	0.00422	211.88000	14.30179
258.0	0.00388	211.88000	14.38572
267.0	0.00375	211.88000	14.47148
231.0	0.00433	211.88000	14.55911
258.0	0.00388	211.88000	14.64863
243.0	0.00412	211.88000	14.74008
269.0	0.00372	211.88000	14.83347
232.0	0.00431	211.88000	14.92884
232.0	0.00431	211.88000	15.02621
259.0	0.00386	211.88000	15.12563
238.0	0.00420	211.88000	15.22712
243.0	0.00412	211.88000	15.33071
256.0	0.00391	211.88000	15.43645
260.0	0.00385	211.88000	15.54436
265.0	0.00377	211.88000	15.65448
242.0	0.00413	211.88000	15.76685
271.0	0.00369	211.88000	15.88151
218.0	0.00459	211.88000	15.99850
234.0	0.00427	211.88000	16.76990
227.0	0.00441	211.88000	16.89641
221.0	0.00452	211.88000	17.02544
275.0	0.00364	211.88000	17.15702



243.0	0.00412	211.88000	17.29120
255.0	0.00392	211.88000	17.42803
225.0	0.00444	211.88000	17.56757
245.0	0.00408	211.88000	17.70986
275.0	0.00364	211.88000	17.85495
245.0	0.00408	211.88000	18.00291
282.0	0.00355	211.88000	18.15378
232.0	0.00431	211.88000	18.30764
259.0	0.00386	211.88000	18.46453
244.0	0.00410	211.88000	18.62452
228.0	0.00439	211.88000	18.78767
253.0	0.00395	211.88000	18.95406
241.0	0.00415	211.88000	19.12374
243.0	0.00412	211.88000	19.29679
259.0	0.00386	211.88000	19.47329
216.0	0.00463	211.88000	18.92987
257.0	0.00389	211.88000	19.11868
233.0	0.00429	211.88000	19.31112
233.0	0.00429	211.88000	19.50724
271.0	0.00369	211.88000	19.70716
249.0	0.00402	211.88000	19.59175
253.0	0.00395	211.88000	19.80180
243.0	0.00412	211.88000	20.01588
248.0	0.00403	211.88000	20.23409
231.0	0.00433	211.88000	20.45653
256.0	0.00391	211.88000	20.68329
232.0	0.00431	211.88000	20.91450
254.0	0.00394	211.88000	21.15026
250.0	0.00400	211.88000	21.39067
240.0	0.00417	211.88000	21.63586
256.0	0.00391	211.88000	21.88595
270.0	0.00370	211.88000	22.14106
253.0	0.00395	211.88000	22.40133
246.0	0.00407	211.88000	22.66689
283.0	0.00353	211.88000	22.93786
241.0	0.00415	211.88000	23.21440
262.0	0.00382	211.88000	22.81723
237.0	0.00422	211.88000	23.11025
256.0	0.00391	211.88000	23.40925
256.0	0.00391	211.88000	23.71437
251.0	0.00398	211.88000	24.02581
245.0	0.00408	211.88000	24.34372
243.0	0.00412	211.88000	24.66829
257.0	0.00389	211.88000	24.99971
250.0	0.00400	211.88000	25.33817
247.0	0.00405	211.88000	25.68387
240.0	0.00417	211.88000	26.03702
246.0	0.00407	211.88000	26.39784
256.0	0.00391	211.88000	26.76656
244.0	0.00410	211.88000	27.14339
274.0	0.00365	211.88000	27.52860
241.0	0.00415	211.88000	27.92242
257.0	0.00389	211.88000	28.32511
247.0	0.00405	211.88000	28.73695

239.0	0.00418	211.88000	29.15821
264.0	0.00379	211.88000	29.58919
271.0	0.00369	211.88000	30.03018
269.0	0.00372	211.88000	30.48150
239.0	0.00418	211.88000	30.94347
257.0	0.00389	211.88000	31.41644
254.0	0.00394	211.88000	31.90075
255.0	0.00392	211.88000	32.39678
264.0	0.00379	211.88000	32.90490
267.0	0.00375	211.88000	33.42551
236.0	0.00424	211.88000	33.95903
261.0	0.00383	211.88000	34.50587
259.0	0.00386	211.88000	35.06651
277.0	0.00361	211.88000	35.64139
267.0	0.00375	211.88000	36.23101
270.0	0.00370	211.88000	36.83589
257.0	0.00389	211.88000	37.45654
247.0	0.00405	211.88000	38.09353
226.0	0.00442	211.88000	38.74743
259.0	0.00386	211.88000	39.41886
257.0	0.00389	211.88000	40.10843
254.0	0.00394	211.88000	40.81681
248.0	0.00403	211.88000	41.54470
273.0	0.00366	211.88000	42.29282
246.0	0.00407	211.88000	43.06192
249.0	0.00402	211.88000	43.85280
256.0	0.00391	211.88000	44.66629
271.0	0.00369	211.88000	45.50327
261.0	0.00383	211.88000	46.36462
264.0	0.00379	211.88000	47.25134
267.0	0.00375	211.88000	48.16442
255.0	0.00392	211.88000	49.10490
229.0	0.00437	211.88000	50.07391
273.0	0.00366	211.88000	51.07261
264.0	0.00379	211.88000	52.10222
280.0	0.00357	211.88000	53.16403
228.0	0.00439	211.88000	54.25941
256.0	0.00391	211.88000	55.38978
252.0	0.00397	211.88000	56.55664
255.0	0.00392	211.88000	57.76160
277.0	0.00361	211.88000	59.00632
258.0	0.00388	211.88000	60.29258
285.0	0.00351	211.88000	61.62223
256.0	0.00391	211.88000	62.99725
267.0	0.00375	211.88000	64.41975
283.0	0.00353	211.88000	65.89191
259.0	0.00386	211.88000	67.41608
268.0	0.00373	211.88000	68.99474
271.0	0.00369	211.88000	70.63052
271.0	0.00369	211.88000	72.32620
273.0	0.00366	211.88000	74.08474
272.0	0.00368	211.88000	75.90927
276.0	0.00362	211.88000	77.80314
285.0	0.00351	211.88000	79.76991

284.0	0.00352	211.88000	81.81336
280.0	0.00357	211.88000	83.93752
281.0	0.00356	211.88000	86.14668
270.0	0.00370	211.88000	88.44544
269.0	0.00372	211.88000	91.37313
277.0	0.00361	211.88000	93.86999
270.0	0.00370	211.88000	96.47225
298.0	0.003356	211.88000	99.18588
321.0	0.003115	211.88000	102.01733
290.0	0.003448	211.88000	104.97350
267.0	0.00375	211.88000	108.06181
299.0	0.003344	211.88000	111.29021
306.0	0.003268	211.88000	114.66728
287.0	0.003484	211.88000	118.20229
311.0	0.003215	211.88000	121.90517
295.0	0.003390	211.88000	125.78668
310.0	0.003226	211.88000	129.85847
341.0	0.002933	211.88000	134.13310
295.0	0.003390	211.88000	138.62422
331.0	0.003021	211.88000	143.34657
339.0	0.002950	211.88000	148.31625
317.0	0.003155	211.88000	153.55072
332.0	0.003012	211.88000	159.06902
349.0	0.002865	211.88000	164.89183
329.0	0.003040	211.88000	171.04187
345.0	0.002899	211.88000	177.54387
342.0	0.002924	211.88000	184.42500
349.0	0.002865	211.88000	191.71503
387.0	0.002584	211.88000	199.44670
377.0	0.002653	211.88000	207.65601
369.0	0.002710	211.88000	216.38272
368.0	0.002717	211.88000	225.67065
350.0	0.002857	211.88000	235.56844
422.0	0.002370	211.88000	246.12990
393.0	0.002545	211.88000	257.41495
433.0	0.002309	211.88000	269.49017
390.0	0.002564	211.88000	282.43002
435.0	0.002299	211.88000	296.31787
441.0	0.002268	211.88000	311.24716
459.0	0.002179	211.88000	327.32330
450.0	0.002222	211.88000	344.66544
465.0	0.002151	211.88000	363.40891
517.0	0.001934	211.88000	383.70816
475.0	0.002105	211.88000	405.74051
541.0	0.001848	211.88000	429.71115
554.0	0.001805	211.88000	455.85849
604.0	0.001656	211.88000	484.46265
632.0	0.001582	211.88000	515.85425
671.0	0.001490	211.88000	550.42664
721.0	0.001387	211.88000	588.78827
748.0	0.001337	211.88000	631.23102
867.0	0.001153	211.88000	678.57330
897.0	0.001115	211.88000	731.63654
938.0	0.001066	211.88000	791.40778

1041.0	0.000961	211.88000	859.06744
1202.0	0.000832	211.88000	936.01721
1270.0	0.000787	211.88000	1023.90436
1438.0	0.000695	211.88000	1124.64294
1564.0	0.000639	211.88000	1240.42639
1765.0	0.000567	211.88000	1373.72791
1901.0	0.000526	211.88000	1527.28821
2139.0	0.000468	211.88000	1704.07849
2257.0	0.000443	211.88000	1907.23962
2582.0	0.000387	211.88000	2139.97754
2817.0	0.000355	211.88000	2405.40015
3376.0	0.0002962	211.88000	2706.25659
3590.0	0.0002786	211.88000	3044.52954
4314.0	0.0002318	211.88000	3420.79785
4805.0	0.0002081	211.88000	3833.28687
5151.0	0.0001941	211.88000	4276.52246
5714.0	0.0001750	211.88000	4739.64404
5960.0	0.0001678	211.88000	5204.65039
6361.0	0.0001572	211.88000	5645.33008
6994.0	0.0001430	211.88000	6031.50293
7225.0	0.0001384	211.88000	6319.30078
7243.0	0.0001381	211.88000	6478.97510
7276.0	0.0001374	211.88000	6490.04443
7176.0	0.0001394	211.88000	6351.05566
6468.0	0.0001546	211.88000	6080.05469
6093.0	0.0001641	211.88000	5708.91309
5635.0	0.0001775	211.88000	5274.63281
5260.0	0.0001901	211.88000	4811.63525
4585.0	0.0002181	211.88000	4347.29834
4021.0	0.0002487	211.88000	3900.75562
3499.0	0.0002858	211.88000	3483.78760
3092.0	0.0003234	211.88000	3102.52637
2678.0	0.000373	211.88000	2759.18262
2333.0	0.000429	211.88000	2453.44678
2078.0	0.000481	211.88000	2183.49219
1911.0	0.000523	211.88000	1946.64966
1630.0	0.000613	211.88000	1739.84424
1560.0	0.000641	211.88000	1559.87329
1389.0	0.000720	211.88000	1403.57947
1259.0	0.000794	211.88000	1267.96350
1138.0	0.000879	211.88000	1150.25049
1003.0	0.000997	211.88000	1047.92761
898.0	0.001114	211.88000	958.76440
886.0	0.001129	211.88000	880.80438
851.0	0.001175	211.88000	812.36627
756.0	0.001323	211.88000	752.01569
739.0	0.001353	211.88000	698.54333
693.0	0.001443	211.88000	650.93726
641.0	0.001560	211.88000	608.35504
633.0	0.001580	211.88000	570.09796
582.0	0.001718	211.88000	535.58588
571.0	0.001751	211.88000	504.33731
557.0	0.001795	211.88000	475.94998
536.0	0.001866	211.88000	450.08667

522.0	0.001916	211.88000	426.46265
511.0	0.001957	211.88000	404.83572
474.0	0.002110	211.88000	384.99866
474.0	0.002110	211.88000	366.77252
456.0	0.002193	211.88000	350.00232
446.0	0.002242	211.88000	334.55289
454.0	0.002203	211.88000	320.30569
411.0	0.002433	211.88000	309.13095
401.0	0.002494	211.88000	297.00308
407.0	0.002457	211.88000	285.80103
426.0	0.002347	211.88000	275.45337
386.0	0.002591	211.88000	265.89706
397.0	0.002519	211.88000	257.07645
382.0	0.002618	211.88000	248.94240
398.0	0.002513	211.88000	241.45197
411.0	0.002433	211.88000	234.56750
378.0	0.002646	211.88000	228.25647
390.0	0.002564	211.88000	222.49107
348.0	0.002874	211.88000	217.24767
358.0	0.002793	211.88000	212.50716
359.0	0.002786	211.88000	208.25415
376.0	0.002660	211.88000	204.47758
373.0	0.002681	211.88000	201.17036
353.0	0.002833	211.88000	198.32961
391.0	0.002558	211.88000	195.95709
360.0	0.002778	211.88000	194.05940
388.0	0.002577	211.88000	192.64877
343.0	0.002915	211.88000	191.74376
358.0	0.002793	211.88000	191.37027
346.0	0.002890	211.88000	191.56306
362.0	0.002762	211.88000	192.36732
394.0	0.002538	211.88000	193.84058
398.0	0.002513	211.88000	196.05511
388.0	0.002577	211.88000	199.10049
395.0	0.002532	211.88000	203.08635
450.0	0.002222	211.88000	208.14523
398.0	0.002513	211.88000	214.43506
473.0	0.002114	211.88000	222.14162
452.0	0.002212	211.88000	231.47987
446.0	0.002242	211.88000	242.69453
516.0	0.001938	211.88000	256.05905
498.0	0.002008	211.88000	271.87274
528.0	0.001894	211.88000	290.45511
549.0	0.001821	211.88000	312.13690
549.0	0.001821	211.88000	337.24533
575.0	0.001739	211.88000	366.08081
619.0	0.001616	211.88000	398.88126
614.0	0.001629	211.88000	435.76495
672.0	0.001488	211.88000	476.64529
648.0	0.001543	211.88000	521.10675
669.0	0.001495	211.88000	568.24213
685.0	0.001460	211.88000	616.46716
670.0	0.001493	211.88000	664.28082
708.0	0.001412	211.88000	706.62512

723.0	0.001383	211.88000	740.58942
713.0	0.001403	211.88000	762.41852
781.0	0.001280	211.88000	769.30176
814.0	0.001229	211.88000	760.18860
740.0	0.001351	211.88000	736.12323
765.0	0.001307	211.88000	699.91095
707.0	0.001414	211.88000	655.30225
706.0	0.001416	211.88000	606.10754
705.0	0.001418	211.88000	555.56970
652.0	0.001534	211.88000	506.09656
612.0	0.001634	211.88000	459.26904
578.0	0.001730	211.88000	415.99121
582.0	0.001718	211.88000	376.67490
514.0	0.001946	211.88000	341.40262
487.0	0.002053	211.88000	312.02148
492.0	0.002033	211.88000	284.36395
450.0	0.002222	211.88000	260.08035
457.0	0.002188	211.88000	238.83826
418.0	0.002392	211.88000	220.30173
428.0	0.002336	211.88000	204.14552
367.0	0.002725	211.88000	190.06445
374.0	0.002674	211.88000	177.77884
370.0	0.002703	211.88000	167.03729
355.0	0.002817	211.88000	157.61780
366.0	0.002732	211.88000	149.32710
366.0	0.002732	211.88000	141.99939
327.0	0.003058	211.88000	135.49367
351.0	0.002849	211.88000	129.69121
326.0	0.003067	211.88000	124.49284
336.0	0.002976	211.88000	119.81590
333.0	0.003003	211.88000	115.59171
339.0	0.002950	211.88000	111.76313
279.0	0.00358	211.88000	108.28252
320.0	0.003125	211.88000	105.53943
296.0	0.003378	211.88000	102.64448
281.0	0.00356	211.88000	99.99550
313.0	0.003195	211.88000	97.56812
325.0	0.003077	211.88000	95.34138
311.0	0.003215	211.88000	93.29713
299.0	0.003344	211.88000	91.99653
302.0	0.003311	211.88000	90.27532
292.0	0.003425	211.88000	88.69483
316.0	0.003165	211.88000	87.24435
290.0	0.003448	211.88000	85.91438
283.0	0.00353	211.88000	84.69650
290.0	0.003448	211.88000	83.58331
260.0	0.00385	211.88000	82.56816
301.0	0.003322	211.88000	81.64520
276.0	0.00362	211.88000	80.80919
305.0	0.003279	211.88000	80.05553
279.0	0.00358	211.88000	79.38011
294.0	0.003401	211.88000	78.77934
273.0	0.00366	211.88000	78.25005
302.0	0.003311	211.88000	77.78947

289.0	0.003460	211.88000	77.39520
249.0	0.00402	211.88000	77.06519
299.0	0.003344	211.88000	76.79771
249.0	0.00402	211.88000	77.00294
322.0	0.003106	211.85777	76.85897
295.0	0.003390	211.83557	77.60060
319.0	0.003135	211.81335	77.58018
297.0	0.003367	211.79112	77.61793
269.0	0.00372	211.76892	77.71374
306.0	0.003268	211.74669	77.86777
289.0	0.003460	211.72446	78.08044
308.0	0.003247	211.70224	78.35237
291.0	0.003436	211.68004	78.68450
292.0	0.003425	211.65781	79.07806
299.0	0.003344	211.63557	79.53450
273.0	0.00366	211.61337	80.05565
315.0	0.003175	211.59114	80.64358
308.0	0.003247	211.56892	81.30080
301.0	0.003322	211.54669	82.03010
280.0	0.00357	211.52449	82.83478
296.0	0.003378	211.50226	84.20538
309.0	0.003236	211.48004	85.17593
275.0	0.00364	211.45784	86.23451
291.0	0.003436	211.43561	87.38652
332.0	0.003012	211.41338	88.63799
321.0	0.003115	211.39116	89.99573
302.0	0.003311	211.36894	91.46748
283.0	0.00353	211.34673	93.06193
312.0	0.003205	211.32449	94.78899
304.0	0.003289	211.30228	96.65989
327.0	0.003058	211.28006	98.68746
311.0	0.003215	211.25784	100.88645
331.0	0.003021	211.23561	103.27383
314.0	0.003185	211.21341	106.55847
345.0	0.002899	211.19118	109.38923
352.0	0.002841	211.16896	112.47823
324.0	0.003086	211.14673	115.85759
356.0	0.002809	211.12453	119.56554
326.0	0.003067	211.10229	123.64774
342.0	0.002924	211.08008	128.15909
350.0	0.002857	211.05786	133.16534
377.0	0.002653	211.03564	138.74535
349.0	0.002865	211.01341	144.99304
393.0	0.002545	210.99120	152.01976
391.0	0.002558	210.96898	159.95633
383.0	0.002611	210.94676	168.95477
413.0	0.002421	210.92453	179.18941
430.0	0.002326	210.90233	190.85748
467.0	0.002141	210.88010	204.17815
474.0	0.002110	210.85788	219.39059
485.0	0.002062	210.83565	236.74969
510.0	0.001961	210.81345	256.51935
544.0	0.001838	210.79121	278.96130
586.0	0.001706	210.76900	304.31790

599.0	0.001669	210.74677	332.78586
685.0	0.001460	210.72456	364.47375
608.0	0.001645	210.70233	399.33899
716.0	0.001397	210.68011	437.09616
741.0	0.001350	210.65790	477.09470
784.0	0.001276	210.63568	518.17810
829.0	0.001206	210.61345	558.56049
859.0	0.001164	210.59123	596.56549
967.0	0.001034	210.56902	627.73157
915.0	0.001093	210.54680	649.83484
903.0	0.001107	210.52457	660.49652
919.0	0.001088	210.50237	658.60614
828.0	0.001208	210.48013	644.66766
838.0	0.001193	210.45792	620.64209
751.0	0.001332	210.43568	589.37366
774.0	0.001292	210.41348	553.89374
738.0	0.001355	210.39125	516.88123
707.0	0.001414	210.36903	480.59738
690.0	0.001449	210.34682	446.04150
641.0	0.001560	210.32460	414.25775
613.0	0.001631	210.30237	385.67093
614.0	0.001629	210.28015	360.41940
563.0	0.001776	210.25793	338.45883
531.0	0.001883	210.23572	319.63657
549.0	0.001821	210.21349	303.74072
568.0	0.001761	210.19127	290.53271
517.0	0.001934	210.16905	279.76794
470.0	0.002128	210.14684	271.20874
490.0	0.002041	210.12460	264.63385
488.0	0.002049	210.10240	259.84299
426.0	0.002347	210.08017	256.66107
478.0	0.002092	210.05795	254.93958
462.0	0.002165	210.03572	254.55743
422.0	0.002370	210.01352	255.42079
457.0	0.002188	209.99129	257.46225
458.0	0.002183	209.96907	260.63971
485.0	0.002062	209.94685	264.93524
444.0	0.002252	209.92464	270.35318
472.0	0.002119	209.90240	276.91928
490.0	0.002041	209.88019	284.67892
476.0	0.002101	209.85797	293.69562
461.0	0.002169	209.83575	304.04962
480.0	0.002083	209.81352	315.83676
521.0	0.001919	209.79132	329.16534
483.0	0.002070	209.76909	344.15424
514.0	0.001946	209.74687	360.92822
519.0	0.001927	209.72464	379.61139
546.0	0.001832	209.70244	400.31680
563.0	0.001776	209.68021	423.13052
613.0	0.001631	209.65799	448.08957
576.0	0.001736	209.63576	475.15305
667.0	0.001499	209.61356	504.17313
631.0	0.001585	209.59132	534.87836
740.0	0.001351	209.56911	566.89209



737.0	0.001357	209.54689	599.81073
776.0	0.001289	209.52467	633.35065
795.0	0.001258	209.50244	667.53754
857.0	0.001167	209.48022	702.86346
853.0	0.001172	209.45801	740.34277
895.0	0.001117	209.43579	781.43732
938.0	0.001066	209.41356	827.90137
1040.0	0.000962	209.39136	881.61920
1140.0	0.000877	209.36913	944.49365
1173.0	0.000853	209.34691	1018.39362
1328.0	0.000753	209.32468	1105.14270
1429.0	0.000700	209.30247	1206.51782
1635.0	0.000612	209.28024	1324.23340
1825.0	0.000548	209.25803	1459.89148
2109.0	0.000474	209.23581	1614.88220
2341.0	0.000427	209.21359	1790.34619
2587.0	0.000387	209.19136	1986.30273
2971.0	0.0003366	209.16914	2202.08032
3395.0	0.0002946	209.14693	2435.10547
3793.0	0.0002636	209.12471	2680.24170
4265.0	0.0002345	209.10248	2928.92725
4651.0	0.0002150	209.08026	3168.55811
4894.0	0.0002043	209.05804	3382.65454
5090.0	0.0001965	209.03583	3552.42920
4953.0	0.0002019	209.01360	3660.01221
4779.0	0.0002092	208.99139	3692.71484
4662.0	0.0002145	208.96916	3646.67969
4464.0	0.0002240	208.94695	3522.05859
4034.0	0.0002479	208.92471	3345.23682
3637.0	0.0002750	208.90251	3128.59497
3287.0	0.0003042	208.88028	2890.59204
2859.0	0.0003498	208.85806	2646.85327
2665.0	0.000375	208.83585	2408.98218
2368.0	0.000422	208.81363	2184.64355
2196.0	0.000455	208.79140	1978.27722
2016.0	0.000496	208.76917	1791.97058
1861.0	0.000537	208.74696	1626.23486
1622.0	0.000617	208.72475	1480.59265
1513.0	0.000661	208.70251	1354.16687
1479.0	0.000676	208.68031	1245.26270
1338.0	0.000747	208.65808	1152.58679
1294.0	0.000773	208.63585	1074.67383
1279.0	0.000782	208.61363	1010.13605
1161.0	0.000861	208.59143	957.71570
1198.0	0.000835	208.56920	917.15833
1180.0	0.000847	208.54697	885.88800
1148.0	0.000871	208.52475	864.03491
1218.0	0.000821	208.50255	851.10529
1113.0	0.000898	208.48032	846.81573
1137.0	0.000880	208.45808	851.08844
1164.0	0.000859	208.43588	864.04004
1244.0	0.000804	208.41365	885.96332
1207.0	0.000829	208.39143	917.30237
1350.0	0.000741	208.36920	958.76501

1390.0	0.000719	208.34700	1010.71088
1515.0	0.000660	208.32477	1073.95459
1543.0	0.000648	208.30255	1149.12061
1613.0	0.000620	208.28033	1236.67896
1701.0	0.000588	208.25812	1336.77771
1745.0	0.000573	208.23589	1449.00500
1849.0	0.000541	208.21367	1572.04614
1986.0	0.000504	208.19145	1703.24207
2031.0	0.000492	208.16924	1838.09607
2118.0	0.000472	208.14700	1969.87671
2228.0	0.000449	208.12480	2089.59692
2196.0	0.000455	208.10257	2186.71265
2297.0	0.000435	208.08035	2250.76367
2269.0	0.000441	208.05812	2273.71118
2319.0	0.000431	208.03592	2252.16235
2305.0	0.000434	208.01369	2188.40356
2229.0	0.000449	207.99147	2089.67993
2205.0	0.000454	207.96924	1966.12781
2040.0	0.000490	207.94704	1828.37000
1992.0	0.000502	207.92480	1685.71045
1836.0	0.000545	207.90259	1545.25916
1600.0	0.000625	207.88037	1411.84180
1433.0	0.000698	207.85815	1288.34949
1467.0	0.000682	207.83592	1176.22546
1318.0	0.000759	207.81371	1075.92188
1138.0	0.000879	207.79149	987.25745
1027.0	0.000974	207.76927	909.67303
1055.0	0.000948	207.74704	842.40369
951.0	0.001052	207.72484	784.59009
907.0	0.001103	207.70261	735.35229
895.0	0.001117	207.68039	693.83636
809.0	0.001236	207.65816	659.24579
754.0	0.001326	207.63596	630.86145
789.0	0.001267	207.61372	608.05518
748.0	0.001337	207.59151	590.29706
693.0	0.001443	207.56929	577.15887
741.0	0.001350	207.54707	568.31610
673.0	0.001486	207.52484	563.54523
701.0	0.001427	207.50262	562.72137
664.0	0.001506	207.48041	565.81525
713.0	0.001403	207.45819	572.88660
731.0	0.001368	207.43596	584.08063
759.0	0.001318	207.41374	599.62122
754.0	0.001326	207.39153	619.80414
795.0	0.001258	207.36931	644.98792
806.0	0.001241	207.34708	675.58313
859.0	0.001164	207.32487	712.03772
912.0	0.001096	207.30264	754.81464
921.0	0.001086	207.28043	804.35736
1041.0	0.000961	207.25819	861.03912
1100.0	0.000909	207.23599	925.08081
1110.0	0.000901	207.21376	996.43231
1201.0	0.000833	207.19154	1074.60461
1232.0	0.000812	207.16933	1158.46484

1304.0	0.000767	207.14711	1246.02710
1350.0	0.000741	207.12488	1334.33325
1522.0	0.000657	207.10266	1419.56519
1527.0	0.000655	207.08044	1497.53381
1632.0	0.000613	207.05823	1564.57471
1724.0	0.000580	207.03600	1618.63098
1737.0	0.000576	207.01379	1660.07397
1853.0	0.000540	206.99156	1691.83569
1876.0	0.000533	206.96935	1718.10608
1900.0	0.000526	206.94711	1745.83301
1983.0	0.000504	206.92491	1779.68921
2026.0	0.000494	206.90268	1823.89343
2184.0	0.000458	206.88046	1881.09558
2191.0	0.000456	206.85823	1952.11865
2330.0	0.000429	206.83603	2035.73962
2429.0	0.000412	206.81380	2128.43970
2665.0	0.000375	206.79158	2224.18872
2790.0	0.000358	206.76936	2314.49927
2706.0	0.000370	206.74715	2389.08130
2849.0	0.000351	206.72491	2437.35352
2782.0	0.000359	206.70270	2450.67847
2741.0	0.000365	206.68048	2424.62988
2827.0	0.000354	206.65826	2360.25488
2653.0	0.000377	206.63603	2263.68872
2564.0	0.000390	206.61383	2144.32373
2295.0	0.000436	206.59160	2012.47351
2165.0	0.000462	206.56938	1877.47327
1937.0	0.000516	206.54715	1746.65552
1898.0	0.000527	206.52495	1625.12085
1737.0	0.000576	206.50272	1515.99329
1680.0	0.000595	206.48050	1420.84106
1620.0	0.000617	206.45828	1340.07690
1498.0	0.000668	206.43607	1273.24976
1504.0	0.000665	206.41383	1219.21558
1498.0	0.000668	206.39162	1176.21265
1526.0	0.000655	206.36940	1141.90491
1460.0	0.000685	206.34718	1113.46033
1359.0	0.000736	206.32495	1087.76721
1463.0	0.000684	206.30273	1061.81848
1409.0	0.000710	206.28052	1033.22778
1395.0	0.000717	206.25830	1000.69055
1281.0	0.000781	206.23607	964.18665
1333.0	0.000750	206.21387	924.81238
1123.0	0.000890	206.19164	884.34039
1110.0	0.000901	206.16942	844.72211
1024.0	0.000977	206.14719	807.71564
1063.0	0.000941	206.12498	774.70667
969.0	0.001032	206.10275	746.68774
923.0	0.001083	206.08054	724.32568
962.0	0.001040	206.05832	708.05554
928.0	0.001078	206.03610	698.16754
862.0	0.001160	206.01387	694.87140
928.0	0.001078	205.99165	698.33655
1015.0	0.000985	205.96944	708.71228

995.0	0.001005	205.94722	726.12781
1045.0	0.000957	205.92499	750.67383
1002.0	0.000998	205.90279	782.36053
1130.0	0.000885	205.88055	821.04767
1186.0	0.000843	205.85834	866.33606
1248.0	0.000801	205.83611	917.41693
1335.0	0.000749	205.81390	972.88550
1468.0	0.000681	205.79167	1030.55505
1458.0	0.000686	205.76945	1087.35132
1549.0	0.000646	205.74722	1139.41650
1602.0	0.000624	205.72502	1182.54260
1714.0	0.000583	205.70279	1213.12854
1761.0	0.000568	205.68056	1228.47754
1599.0	0.000625	205.65836	1228.50073
1561.0	0.000641	205.63614	1215.18335
1477.0	0.000677	205.61391	1192.19531
1439.0	0.000695	205.59167	1163.93945
1371.0	0.000729	205.56947	1134.61877
1261.0	0.000793	205.54726	1107.59814
1236.0	0.000809	205.52502	1085.10352
1208.0	0.000828	205.50282	1068.16089
1297.0	0.000771	205.48059	1056.65540
1166.0	0.000858	205.45836	1049.44580
1258.0	0.000795	205.43614	1044.55518
1142.0	0.000876	205.41394	1039.49829
1140.0	0.000877	205.39171	1031.78162
1139.0	0.000878	205.36948	1019.51831
1133.0	0.000883	205.34727	1001.95245
1266.0	0.000790	205.32504	979.67627
1095.0	0.000913	205.30283	954.43384
1118.0	0.000894	205.28059	928.63031
1116.0	0.000896	205.25839	904.78851
1121.0	0.000892	205.23616	885.14648
1126.0	0.000888	205.21394	871.46436
1152.0	0.000868	205.19171	864.99432
1179.0	0.000848	205.16951	866.53400
1172.0	0.000853	205.14728	876.49243
1151.0	0.000869	205.12506	894.92212
1247.0	0.000802	205.10284	921.49591
1273.0	0.000786	205.08063	955.41998
1295.0	0.000772	205.05840	995.29291
1331.0	0.000751	205.03618	1038.94287
1373.0	0.000728	205.01396	1083.31824
1425.0	0.000702	204.99174	1124.54871
1477.0	0.000677	204.96951	1158.31250
1471.0	0.000680	204.94731	1180.56665
1494.0	0.000669	204.92508	1188.44104
1455.0	0.000687	204.90286	1181.09509
1437.0	0.000696	204.88063	1159.94250
1381.0	0.000724	204.85843	1128.25623
1344.0	0.000744	204.83620	1090.30127
1288.0	0.000776	204.81398	1050.41248
1315.0	0.000760	204.79176	1012.33655
1323.0	0.000756	204.76955	978.91943

1307.0	0.000765	204.74731	952.07159
1357.0	0.000737	204.72510	932.86426
1291.0	0.000775	204.70288	921.64520
1286.0	0.000778	204.68066	918.11108
1340.0	0.000746	204.65843	921.31519
1291.0	0.000775	204.63622	929.62866
1403.0	0.000713	204.61400	940.71454
1430.0	0.000699	204.59178	951.59802
1345.0	0.000743	204.56955	958.93933
1409.0	0.000710	204.54735	959.54883
1375.0	0.000727	204.52512	951.05493
1428.0	0.000700	204.50290	932.48511
1351.0	0.000740	204.48067	904.48102
1315.0	0.000760	204.45847	869.03632
1242.0	0.000805	204.43623	828.90247
1191.0	0.000840	204.41402	786.94128
1207.0	0.000829	204.39180	745.12195
1081.0	0.000925	204.36958	706.45563
1011.0	0.000989	204.34735	671.75769
963.0	0.001038	204.32513	641.90485
963.0	0.001038	204.30292	617.42859
900.0	0.001111	204.28070	598.63928
880.0	0.001136	204.25847	585.72137
858.0	0.001166	204.23627	578.80078
882.0	0.001134	204.21404	577.98743
934.0	0.001071	204.19182	583.40063
877.0	0.001140	204.16959	595.17877
914.0	0.001094	204.14738	613.47968
896.0	0.001116	204.12515	638.46808
1008.0	0.000992	204.10294	670.29016
1034.0	0.000967	204.08070	709.02881
1060.0	0.000943	204.05850	754.63324
1121.0	0.000892	204.03627	806.81274
1172.0	0.000853	204.01405	864.88306
1287.0	0.000777	203.99184	927.56952
1412.0	0.000708	203.96962	992.78217
1509.0	0.000663	203.94739	1057.43359
1519.0	0.000658	203.92517	1117.40894
1671.0	0.000598	203.90295	1167.85022
1560.0	0.000641	203.88074	1203.85229
1648.0	0.000607	203.85851	1221.49988
1599.0	0.000625	203.83630	1218.90588
1581.0	0.000633	203.81407	1196.78198
1563.0	0.000640	203.79185	1158.24207
1481.0	0.000675	203.76962	1107.94531
1427.0	0.000701	203.74742	1051.00562
1389.0	0.000720	203.72519	992.10138
1273.0	0.000786	203.70297	934.99432
1180.0	0.000847	203.68076	882.42157
1150.0	0.000870	203.65854	836.22211
1158.0	0.000864	203.63631	797.55212
1131.0	0.000884	203.61409	767.10010
1092.0	0.000916	203.59187	745.26178
1108.0	0.000903	203.56966	732.26508

1048.0	0.000954	203.54742	728.25171
1090.0	0.000917	203.52521	733.32587
1145.0	0.000873	203.50299	747.57263
1140.0	0.000877	203.48077	771.05640
1214.0	0.000824	203.45854	803.79211
1248.0	0.000801	203.43634	845.68860
1301.0	0.000769	203.41411	896.45251
1370.0	0.000730	203.39189	955.30438
1450.0	0.000690	203.36966	1021.33734
1477.0	0.000677	203.34746	1092.43848
1641.0	0.000609	203.32523	1165.61597
1581.0	0.000633	203.30301	1236.74109
1788.0	0.000559	203.28079	1300.70190
1834.0	0.000545	203.25858	1351.98083
1841.0	0.000543	203.23634	1385.65930
1883.0	0.000531	203.21413	1398.58997
1839.0	0.000544	203.19191	1390.23828
1802.0	0.000555	203.16969	1362.75366
1764.0	0.000567	203.14746	1320.20483
1695.0	0.000590	203.12526	1267.34985
1668.0	0.000600	203.10303	1208.47961
1500.0	0.000667	203.08081	1146.70667
1491.0	0.000671	203.05858	1083.79956
1414.0	0.000707	203.03638	1020.45917
1262.0	0.000792	203.01414	956.83453
1229.0	0.000814	202.99193	893.04749
1200.0	0.000833	202.96970	829.52863
1094.0	0.000914	202.94749	767.07904
1037.0	0.000964	202.92526	706.71448
955.0	0.001047	202.90305	649.42987
908.0	0.001101	202.88083	592.56622
751.0	0.001332	202.85861	543.53058
794.0	0.001259	202.83638	499.05408
682.0	0.001466	202.81416	459.10339
720.0	0.001389	202.79195	423.48099
637.0	0.001570	202.76973	391.88992
631.0	0.001585	202.74750	363.98401
567.0	0.001764	202.72530	339.40250
508.0	0.001969	202.70306	317.79214
572.0	0.001748	202.68085	298.82074
501.0	0.001996	202.65862	282.18317
538.0	0.001859	202.63641	267.60495
486.0	0.002058	202.61418	254.84262
476.0	0.002101	202.59195	243.68268
500.0	0.002000	202.56975	233.94022
476.0	0.002101	202.54753	225.45683
478.0	0.002092	202.52530	218.09837
466.0	0.002146	202.50307	211.75299
429.0	0.002331	202.48087	206.32887
426.0	0.002347	202.45865	201.75262
422.0	0.002370	202.43642	197.96751
406.0	0.002463	202.41418	194.93219
419.0	0.002387	202.39198	192.61955
464.0	0.002155	202.36975	191.01430

428.0	0.002336	202.34753	190.11938
413.0	0.002421	202.32533	189.94493
391.0	0.002558	202.30310	190.51509
466.0	0.002146	202.28087	191.86600
428.0	0.002336	202.25865	194.04562
448.0	0.002232	202.23643	197.11293
409.0	0.002445	202.21422	201.13753
415.0	0.002410	202.19199	206.19817
411.0	0.002433	202.16978	212.38109
432.0	0.002315	202.14755	219.77736
450.0	0.002222	202.12534	228.47871
441.0	0.002268	202.10310	238.57133
466.0	0.002146	202.08090	250.12619
497.0	0.002012	202.05867	263.26349
503.0	0.001988	202.03645	277.81519
528.0	0.001894	202.01424	293.76718
637.0	0.001570	201.99202	310.90506
630.0	0.001587	201.96979	328.84885
666.0	0.001502	201.94757	347.01849
673.0	0.001486	201.92535	362.65518
772.0	0.001295	201.90314	378.80463
711.0	0.001406	201.88091	392.55807
809.0	0.001236	201.85869	403.21509
779.0	0.001284	201.83647	410.50378
752.0	0.001330	201.81425	414.69775
725.0	0.001379	201.79202	416.93610
719.0	0.001391	201.76982	417.63055
761.0	0.001314	201.74759	418.38187
712.0	0.001404	201.72537	420.38214
693.0	0.001443	201.70314	424.67255
691.0	0.001447	201.68094	432.12112
736.0	0.001359	201.65871	443.44760
714.0	0.001401	201.63649	459.26450
791.0	0.001264	201.61427	480.11624
778.0	0.001285	201.59206	506.50568
774.0	0.001292	201.56982	538.90411
863.0	0.001159	201.54761	577.74329
876.0	0.001142	201.52539	623.38696
931.0	0.001074	201.50317	676.08191
1001.0	0.000999	201.48094	735.88727
1065.0	0.000939	201.45874	802.58929
1179.0	0.000848	201.43651	875.61194
1181.0	0.000847	201.41429	953.95105
1319.0	0.000758	201.39206	1036.14868
1421.0	0.000704	201.36986	1120.31274
1491.0	0.000671	201.34763	1204.13867
1551.0	0.000645	201.32541	1284.86658
1682.0	0.000595	201.30318	1359.16113
1753.0	0.000570	201.28098	1423.02185
1755.0	0.000570	201.25874	1471.95398
1806.0	0.000554	201.23653	1501.59961
1826.0	0.000548	201.21431	1508.75867
1808.0	0.000553	201.19209	1492.40747
1712.0	0.000584	201.16986	1454.16211

1594.0	0.000627	201.14764	1397.89966
1595.0	0.000627	201.12543	1328.71008
1518.0	0.000659	201.10321	1251.68506
1381.0	0.000724	201.08098	1171.01563
1275.0	0.000784	201.05878	1089.62488
1174.0	0.000852	201.03654	1009.26813
1170.0	0.000855	201.01433	930.91565
1069.0	0.000935	200.99210	855.17975
1009.0	0.000991	200.96989	782.61243
904.0	0.001106	200.94766	713.80859
839.0	0.001192	200.92545	648.43665
831.0	0.001203	200.90323	588.81348
771.0	0.001297	200.88101	534.29437
722.0	0.001385	200.85878	484.94250
744.0	0.001344	200.83656	440.62912
675.0	0.001481	200.81435	401.08224
605.0	0.001653	200.79213	365.94012
590.0	0.001695	200.76990	334.79617
642.0	0.001558	200.74768	307.23322
511.0	0.001957	200.72546	282.84564
495.0	0.002020	200.70325	261.25336
525.0	0.001905	200.68102	242.10873
492.0	0.002033	200.65881	225.09961
496.0	0.002016	200.63658	209.94920
471.0	0.002123	200.61436	196.41469
421.0	0.002375	200.59213	184.28447
444.0	0.002252	200.56993	171.39821
405.0	0.002469	200.54770	161.56702
411.0	0.002433	200.52548	152.66374
400.0	0.002500	200.50327	144.57243
367.0	0.002725	200.48105	137.19398
368.0	0.002717	200.45882	130.44357
374.0	0.002674	200.43660	124.24884
367.0	0.002725	200.41438	118.54762
340.0	0.002941	200.39217	113.28667
320.0	0.003125	200.36993	108.42003
309.0	0.003236	200.34773	103.90800
349.0	0.002865	200.32550	99.71605
318.0	0.003145	200.30328	95.81407
282.0	0.00355	200.28105	92.17561
299.0	0.003344	200.25885	88.77736
290.0	0.003448	200.23662	85.59873
302.0	0.003311	200.21440	82.62139
315.0	0.003175	200.19217	79.82897
318.0	0.003145	200.16997	77.20683
293.0	0.003413	200.14774	74.31219
263.0	0.00380	200.12552	71.99560
269.0	0.00372	200.10330	69.81357
296.0	0.003378	200.08109	67.75647
270.0	0.00370	200.05885	65.81554
279.0	0.00358	200.03664	63.98283
289.0	0.003460	200.01442	62.25114
301.0	0.003322	199.99220	60.61391
272.0	0.00368	199.96997	59.06514



282.0	0.00355	199.94777	57.59940
251.0	0.00398	199.92554	56.21170
279.0	0.00358	199.90332	54.89751
287.0	0.003484	199.88109	53.65268
266.0	0.00376	199.85889	52.47345
225.0	0.00444	199.83665	51.35634
296.0	0.003378	199.81444	50.29822
286.0	0.003497	199.79222	49.29620
260.0	0.00385	199.77000	48.34769
270.0	0.00370	199.74777	47.45030
256.0	0.00391	199.72556	46.60189
254.0	0.00394	199.70334	45.80054
251.0	0.00398	199.68112	45.04447
262.0	0.00382	199.65889	44.33215
277.0	0.00361	199.63666	43.66220
259.0	0.00386	199.61446	43.03342
266.0	0.00376	199.59224	42.44476
250.0	0.00400	199.57001	41.89537
253.0	0.00395	199.57001	41.38450
266.0	0.00376	199.57001	40.91160
265.0	0.00377	199.57001	40.47628
242.0	0.00413	199.57001	40.07828
250.0	0.00400	199.57001	39.71753
245.0	0.00408	199.57001	39.39411
269.0	0.00372	199.57001	39.10828
292.0	0.003425	199.57001	38.86050
267.0	0.00375	199.57001	38.65139
274.0	0.00365	199.57001	38.76471
250.0	0.00400	199.57001	38.63744
251.0	0.00398	199.57001	38.55209
250.0	0.00400	199.57001	38.51025
249.0	0.00402	199.57001	38.51379
254.0	0.00394	199.57001	38.56493
227.0	0.00441	199.57001	38.66623
246.0	0.00407	199.57001	38.82071
275.0	0.00364	199.57001	39.03187
231.0	0.00433	199.57001	39.30376
245.0	0.00408	199.57001	39.64109
275.0	0.00364	199.57001	40.04938
257.0	0.00389	199.57001	40.53506
275.0	0.00364	199.57001	41.10571
245.0	0.00408	199.57001	41.77028
274.0	0.00365	199.57001	42.53936
285.0	0.00351	199.57001	43.42561
290.0	0.003448	199.57001	44.44410
271.0	0.00369	199.57001	45.61290
278.0	0.00360	199.57001	46.95358
278.0	0.00360	199.57001	48.49192
272.0	0.00368	199.57001	50.25859
291.0	0.003436	199.57001	52.28979
295.0	0.003390	199.57001	54.62802
286.0	0.003497	199.57001	57.32264
286.0	0.003497	199.57001	60.43036
298.0	0.003356	199.57001	64.01546

279.0	0.00358	199.57001	68.14983
310.0	0.003226	199.57001	72.91251
305.0	0.003279	199.57001	78.38879
289.0	0.003460	199.57001	84.66854
303.0	0.003300	199.57001	91.84386
307.0	0.003257	199.57001	100.00503
312.0	0.003205	199.57001	109.23451
360.0	0.002778	199.57001	119.59785
375.0	0.002667	199.57001	131.12965
359.0	0.002786	199.57001	143.81270
377.0	0.002653	199.57001	157.54871
380.0	0.002632	199.57001	172.11908
380.0	0.002632	199.57001	187.13989
368.0	0.002717	199.57001	202.02043
419.0	0.002387	199.57001	215.94693
433.0	0.002309	199.57001	227.92027
449.0	0.002227	199.57001	236.87440
468.0	0.002137	199.57001	241.87291
450.0	0.002222	199.57001	242.33354
433.0	0.002309	199.57001	238.18944
409.0	0.002445	199.57001	229.90889
403.0	0.002481	199.57001	218.36293
406.0	0.002463	199.57001	204.60727
412.0	0.002427	199.57001	189.67221
393.0	0.002545	199.57001	174.42368
353.0	0.002833	199.57001	159.50752
357.0	0.002801	199.57001	145.35579
343.0	0.002915	199.57001	132.22432
324.0	0.003086	199.57001	120.23851
341.0	0.002933	199.57001	109.43403
286.0	0.003497	199.57001	99.78905
314.0	0.003185	199.57001	91.24679
318.0	0.003145	199.57001	83.73103
306.0	0.003268	199.57001	77.15634
297.0	0.003367	199.57001	71.43478
324.0	0.003086	199.57001	66.48014
282.0	0.00355	199.57001	62.21072
280.0	0.00357	199.57001	58.55112
332.0	0.003012	199.57001	55.43309
278.0	0.00360	199.57001	52.79591
289.0	0.003460	199.57001	50.58618
266.0	0.00376	199.57001	48.75715
278.0	0.00360	199.57001	47.26762
281.0	0.00356	199.57001	46.08029
265.0	0.00377	199.57001	45.15954
258.0	0.00388	199.57001	44.79016
285.0	0.00351	199.57001	44.28983
247.0	0.00405	199.57001	43.92912
273.0	0.00366	199.57001	43.64857
270.0	0.00370	199.57001	43.37830
280.0	0.00357	199.57001	43.33989
277.0	0.00361	199.57001	42.86695
274.0	0.00365	199.57001	41.61925
289.0	0.003460	199.57001	40.73193

267.0	0.00375	199.57001	39.62833
285.0	0.00351	199.57001	38.34554
281.0	0.00356	199.57001	36.93966
274.0	0.00365	199.57001	35.47195
290.0	0.003448	199.57001	33.99775
265.0	0.00377	199.57001	32.56049
262.0	0.00382	199.57001	31.19033
272.0	0.00368	199.57001	29.90557
256.0	0.00391	199.57001	28.71534
247.0	0.00405	199.57001	27.62224
254.0	0.00394	199.57001	26.62459
247.0	0.00405	199.57001	25.71802
235.0	0.00426	199.57001	24.89670
261.0	0.00383	199.57001	24.15402
241.0	0.00415	199.57001	23.48311
230.0	0.00435	199.57001	22.87720
244.0	0.00410	199.57001	22.32977
240.0	0.00417	199.57001	20.72007
238.0	0.00420	199.57001	20.27793
239.0	0.00418	199.57001	19.87735
238.0	0.00420	199.57001	19.51377
254.0	0.00394	199.57001	19.18314
212.0	0.00472	199.57001	18.88190
217.0	0.00461	199.57001	18.60697
245.0	0.00408	199.57001	18.35569
250.0	0.00400	199.57001	18.12577
216.0	0.00463	199.57001	17.91525
233.0	0.00429	199.57001	17.72247
258.0	0.00388	199.57001	17.54600
251.0	0.00398	199.57001	17.38461
242.0	0.00413	199.57001	17.23726
248.0	0.00403	199.57001	17.10304
262.0	0.00382	199.57001	16.98117
222.0	0.00450	199.57001	16.87099
262.0	0.00382	199.57001	16.77189
240.0	0.00417	199.57001	16.68337
264.0	0.00379	199.57001	16.60500
250.0	0.00400	199.57001	16.53636
255.0	0.00392	199.57001	16.47714
255.0	0.00392	199.57001	16.42703
234.0	0.00427	199.57001	16.38579
245.0	0.00408	199.57001	16.35319
260.0	0.00385	199.57001	16.32907
248.0	0.00403	199.57001	16.31326
231.0	0.00433	199.57001	16.30566
235.0	0.00426	199.57001	16.30616
255.0	0.00392	199.57001	16.31471
223.0	0.00448	199.57001	15.63995
269.0	0.00372	199.57001	15.66864
280.0	0.00357	199.57001	15.70529
254.0	0.00394	199.57001	15.74992
242.0	0.00413	199.57001	15.80259
238.0	0.00420	199.57001	15.86338
260.0	0.00385	199.57001	15.93238

234.0	0.00427	199.57001	16.00971
240.0	0.00417	199.57001	16.09552
267.0	0.00375	199.59070	16.18997
224.0	0.00446	199.61136	16.29326
258.0	0.00388	199.63205	16.40560
230.0	0.00435	199.65274	16.52724
231.0	0.00433	199.67342	16.65844
265.0	0.00377	199.69409	16.79949
250.0	0.00400	199.71478	16.95074
227.0	0.00441	199.73547	17.11252
261.0	0.00383	199.75613	17.28524
215.0	0.00465	199.77682	17.46932
237.0	0.00422	199.79752	17.66523
256.0	0.00391	199.81818	17.87346
244.0	0.00410	199.83887	18.09456
243.0	0.00412	199.85956	18.32914
233.0	0.00429	199.88025	18.57783
255.0	0.00392	199.90091	18.84132
221.0	0.00452	199.92160	19.12039
225.0	0.00444	199.94229	19.41584
237.0	0.00422	199.96295	19.72857
244.0	0.00410	199.98364	19.28736
235.0	0.00426	200.00433	19.64227
261.0	0.00383	200.02502	20.01758
216.0	0.00463	200.04568	20.41452
240.0	0.00417	200.06638	21.37749
263.0	0.00380	200.08707	21.82514
230.0	0.00435	200.10774	22.29888
227.0	0.00441	200.12842	22.80044
238.0	0.00420	200.14911	23.33174
262.0	0.00382	200.16978	23.89487
240.0	0.00417	200.19046	24.28981
258.0	0.00388	200.21115	24.92491
247.0	0.00405	200.23184	25.59941
252.0	0.00397	200.25252	26.31634
229.0	0.00437	200.27319	27.07909
252.0	0.00397	200.29388	27.89137
258.0	0.00388	200.31456	28.75732
266.0	0.00376	200.33524	29.68156
240.0	0.00417	200.35593	30.66922
251.0	0.00398	200.37660	31.72608
272.0	0.00368	200.39729	32.85866
262.0	0.00382	200.41797	34.07431
271.0	0.00369	200.43866	35.38143
232.0	0.00431	200.45934	36.78958
235.0	0.00426	200.48001	38.30978
234.0	0.00427	200.50070	39.95469
246.0	0.00407	200.52138	41.73902
252.0	0.00397	200.54207	43.67980
249.0	0.00402	200.56274	45.79684
294.0	0.003401	200.58344	48.11314
285.0	0.00351	200.60411	50.65544
262.0	0.00382	200.62480	53.45470
253.0	0.00395	200.64548	56.54664

259.0	0.00386	200.66615	59.97236
268.0	0.00373	200.68684	63.77881
271.0	0.00369	200.70752	68.01937
300.0	0.003333	200.72820	72.75426
288.0	0.003472	200.74889	78.05103
289.0	0.003460	200.76958	83.98471
334.0	0.002994	200.79025	90.63784
314.0	0.003185	200.81093	98.09999
277.0	0.00361	200.83162	106.46652
299.0	0.003344	200.85229	115.83607
342.0	0.002924	200.87297	126.30610
342.0	0.002924	200.89366	137.96526
360.0	0.002778	200.91435	150.88211
373.0	0.002681	200.93501	165.08937
373.0	0.002681	200.95570	180.56422
399.0	0.002506	200.97639	197.20927
414.0	0.002415	200.99707	214.84126
458.0	0.002183	201.01775	233.19992
460.0	0.002174	201.03844	251.98872
484.0	0.002066	201.05913	270.94949
578.0	0.001730	201.07979	289.95300
604.0	0.001656	201.10048	309.06677
579.0	0.001727	201.12117	328.56122
639.0	0.001565	201.14186	348.83585
670.0	0.001493	201.16252	370.28430
794.0	0.001259	201.18321	393.13382
784.0	0.001276	201.20390	417.29150
782.0	0.001279	201.22456	442.21878
855.0	0.001170	201.24525	466.90778
806.0	0.001241	201.26595	489.50241
790.0	0.001266	201.28662	508.34827
844.0	0.001185	201.30730	521.16394
794.0	0.001259	201.32799	526.11047
778.0	0.001285	201.34868	522.09357
771.0	0.001297	201.36934	509.06595
702.0	0.001425	201.39003	488.34387
705.0	0.001418	201.41072	461.09460
693.0	0.001443	201.43140	429.74261
699.0	0.001431	201.45207	396.33484
627.0	0.001595	201.47276	362.58112
619.0	0.001616	201.49345	329.75015
586.0	0.001706	201.51411	298.68484
533.0	0.001876	201.53481	269.87701
520.0	0.001923	201.55550	243.55798
526.0	0.001901	201.57617	219.78009
465.0	0.002151	201.59685	198.47968
425.0	0.002353	201.61754	179.52290
441.0	0.002268	201.63821	162.73676
328.0	0.003049	201.65891	147.92932
376.0	0.002660	201.67958	134.90358
333.0	0.003003	201.70027	123.46565
342.0	0.002924	201.72095	113.43071
312.0	0.003205	201.74162	104.45318
297.0	0.003367	201.76231	96.72305

314.0	0.003185	201.78299	89.92397
329.0	0.003040	201.80368	83.92986
300.0	0.003333	201.82436	78.63019
296.0	0.003378	201.84503	74.25082
277.0	0.00361	201.86572	69.22892
256.0	0.00391	201.88640	65.49677
281.0	0.00356	201.90709	62.15099
273.0	0.00366	201.92776	59.14132
265.0	0.00377	201.94846	56.42547
229.0	0.00437	201.96913	53.96784
270.0	0.00370	201.98981	51.73843
239.0	0.00418	202.01050	49.71188
250.0	0.00400	202.03117	47.86662
277.0	0.00361	202.05186	46.04162
241.0	0.00415	202.07254	44.50729
255.0	0.00392	202.09323	43.10647
251.0	0.00398	202.11391	41.82736
264.0	0.00379	202.13458	40.65965
215.0	0.00465	202.15527	39.59432
260.0	0.00385	202.17596	38.62346
226.0	0.00442	202.19662	37.74008
256.0	0.00391	202.21732	36.93802
247.0	0.00405	202.23801	36.21186
256.0	0.00391	202.25868	35.55677
242.0	0.00413	202.27936	34.96852
233.0	0.00429	202.30005	34.44342
227.0	0.00441	202.32074	33.97816
246.0	0.00407	202.34140	33.56993
238.0	0.00420	202.36209	33.21624
254.0	0.00394	202.38278	32.91499
238.0	0.00420	202.40344	32.66439
228.0	0.00439	202.42413	32.46296
243.0	0.00412	202.44482	32.30954
268.0	0.00373	202.46552	32.20320
249.0	0.00402	202.48618	32.14333
241.0	0.00415	202.50687	32.12954
223.0	0.00448	202.52756	32.16173
232.0	0.00431	202.54822	32.24005
231.0	0.00433	202.56891	32.36491
259.0	0.00386	202.58960	32.53699
256.0	0.00391	202.61029	32.75727
229.0	0.00437	202.63095	33.02700
241.0	0.00415	202.65164	33.34775
250.0	0.00400	202.67233	33.72141
254.0	0.00394	202.69301	34.15023
251.0	0.00398	202.71368	34.63688
243.0	0.00412	202.73438	35.18439
239.0	0.00418	202.75505	35.79634
234.0	0.00427	202.77573	36.47680
233.0	0.00429	202.79642	37.23043
236.0	0.00424	202.81711	38.06260
234.0	0.00427	202.83778	38.97945
256.0	0.00391	202.85846	39.98803
276.0	0.00362	202.87915	41.09649

256.0	0.00391	202.89983	42.31422
241.0	0.00415	202.92050	43.65219
270.0	0.00370	202.94119	45.12312
216.0	0.00463	202.96188	46.74202
251.0	0.00398	202.98256	48.52656
259.0	0.00386	203.00323	50.49765
297.0	0.003367	203.02393	52.68014
283.0	0.00353	203.04460	55.10355
284.0	0.00352	203.06528	57.80299
264.0	0.00379	203.08597	60.82013
311.0	0.003215	203.10664	64.20421
285.0	0.00351	203.12733	68.01308
285.0	0.00351	203.14801	72.31417
290.0	0.003448	203.16870	77.18545
289.0	0.003460	203.18938	82.71597
304.0	0.003289	203.21007	89.00630
312.0	0.003205	203.23074	96.16838
324.0	0.003086	203.25142	104.32490
369.0	0.002710	203.27211	113.60790
377.0	0.002653	203.29279	124.15642
350.0	0.002857	203.31346	136.11276
383.0	0.002611	203.33415	149.61685
385.0	0.002597	203.35484	164.79759
411.0	0.002433	203.37552	181.75975
422.0	0.002370	203.39619	200.56435
479.0	0.002088	203.41689	221.19942
476.0	0.002101	203.43756	243.53857
487.0	0.002053	203.45824	267.28598
505.0	0.001980	203.47893	291.91061
527.0	0.001898	203.49962	316.58197
551.0	0.001815	203.52029	340.13315
552.0	0.001812	203.54097	361.09082
607.0	0.001647	203.56166	377.81357
609.0	0.001642	203.58234	388.75058
617.0	0.001621	203.60301	392.77271
610.0	0.001639	203.62370	389.46027
579.0	0.001727	203.64439	379.21979
608.0	0.001645	203.66505	363.17130
554.0	0.001805	203.68575	342.86212
517.0	0.001934	203.70644	319.93619
503.0	0.001988	203.72713	295.87244
487.0	0.002053	203.74779	271.84515
413.0	0.002421	203.76848	248.69208
457.0	0.002188	203.78917	226.95039
419.0	0.002387	203.80983	206.92097
359.0	0.002786	203.83052	188.73421
335.0	0.002985	203.85121	172.40533
371.0	0.002695	203.87190	157.87608
362.0	0.002762	203.89256	145.04399
313.0	0.003195	203.91325	133.78236
336.0	0.002976	203.93394	123.95342
315.0	0.003175	203.95461	115.41699
316.0	0.003165	203.97530	108.03625
306.0	0.003268	203.99599	101.68150

305.0	0.003279	204.01666	96.23250
303.0	0.003300	204.03734	91.58000
273.0	0.00366	204.05803	87.62638
293.0	0.003413	204.07872	84.28571
298.0	0.003356	204.09938	81.48357
292.0	0.003425	204.12007	79.15630
293.0	0.003413	204.14076	77.25030
265.0	0.00377	204.16144	75.72098
281.0	0.00356	204.18211	74.53184
278.0	0.00360	204.20280	73.65343
259.0	0.00386	204.22348	73.06255
276.0	0.00362	204.24417	72.95018
277.0	0.00361	204.26485	72.88683
283.0	0.00353	204.28554	73.07105
286.0	0.003497	204.30621	73.49763
264.0	0.00379	204.32689	74.16465
293.0	0.003413	204.34758	75.07349
300.0	0.003333	204.36826	76.22858
308.0	0.003247	204.38895	77.63766
296.0	0.003378	204.40962	79.31168
317.0	0.003155	204.43031	81.26528
313.0	0.003195	204.45099	83.51714
308.0	0.003247	204.47166	86.09057
342.0	0.002924	204.49236	89.01421
298.0	0.003356	204.51303	92.32301
332.0	0.003012	204.53372	95.89628
340.0	0.002941	204.55440	100.11198
326.0	0.003067	204.57507	104.86734
340.0	0.002941	204.59576	110.23553
343.0	0.002915	204.61644	116.30332
361.0	0.002770	204.63713	123.17319
375.0	0.002667	204.65781	130.96498
421.0	0.002375	204.67850	139.81787
404.0	0.002475	204.69917	149.89168
437.0	0.002288	204.71985	161.36790
463.0	0.002160	204.74054	174.45035
457.0	0.002188	204.76123	189.36415
464.0	0.002155	204.78189	206.35448
479.0	0.002088	204.80258	225.68275
528.0	0.001894	204.82327	247.62100
595.0	0.001681	204.84395	272.44223
646.0	0.001548	204.86462	300.40601
643.0	0.001555	204.88531	331.73615
726.0	0.001377	204.90601	366.58771
743.0	0.001346	204.92667	404.99866
660.0	0.001515	204.94736	446.82443
823.0	0.001215	204.96805	491.65375
801.0	0.001248	204.98872	538.71387
834.0	0.001199	205.00940	586.78699
854.0	0.001171	205.03009	634.17242
907.0	0.001103	205.05078	678.74237
996.0	0.001004	205.07144	718.12115
990.0	0.001010	205.09213	749.97186
1085.0	0.000922	205.11282	772.31287



1068.0	0.000936	205.13348	783.76251
1119.0	0.000894	205.15417	783.65234
1029.0	0.000972	205.17487	772.04114
1066.0	0.000938	205.19556	749.68622
1018.0	0.000982	205.21622	717.99561
994.0	0.001006	205.23691	678.90411
883.0	0.001133	205.25760	634.70190
821.0	0.001218	205.27827	587.68927
804.0	0.001244	205.29895	539.95129
726.0	0.001377	205.31964	493.17093
699.0	0.001431	205.34033	448.56662
658.0	0.001520	205.36099	406.92023
589.0	0.001698	205.38168	368.65524
584.0	0.001712	205.40237	333.92719
533.0	0.001876	205.42305	302.70633
494.0	0.002024	205.44373	274.84390
442.0	0.002262	205.46442	250.12000
475.0	0.002105	205.48509	228.27776
470.0	0.002128	205.50577	209.04561
444.0	0.002252	205.52646	192.15253
405.0	0.002469	205.54715	177.33759
384.0	0.002604	205.56783	164.35588
407.0	0.002457	205.58850	152.98213
358.0	0.002793	205.60919	143.01254
380.0	0.002632	205.62987	134.26521
373.0	0.002681	205.65054	126.57991
326.0	0.003067	205.67123	119.81696
322.0	0.003106	205.69191	113.85585
331.0	0.003021	205.71260	108.59338
313.0	0.003195	205.73328	103.94193
293.0	0.003413	205.75397	99.82741
292.0	0.003425	205.77464	96.18758
278.0	0.00360	205.79533	92.97022
302.0	0.003311	205.81601	90.13177
308.0	0.003247	205.83669	87.63581
309.0	0.003236	205.85738	85.45202
324.0	0.003086	205.87805	83.55518
288.0	0.003472	205.89874	81.92442
297.0	0.003367	205.91942	80.54251
313.0	0.003195	205.94011	79.39540
276.0	0.00362	205.96078	78.47181
269.0	0.00372	205.98146	77.76284
262.0	0.00382	206.00215	77.26192
302.0	0.003311	206.02283	76.96443
298.0	0.003356	206.04350	77.22135
266.0	0.00376	206.06419	77.32681
289.0	0.003460	206.08488	77.63340
284.0	0.00352	206.10556	78.14411
272.0	0.00368	206.12624	78.86393
266.0	0.00376	206.14693	79.79989
306.0	0.003268	206.16760	80.96145
304.0	0.003289	206.18828	82.36054
283.0	0.00353	206.20897	84.01208
316.0	0.003165	206.22966	85.93436

284.0	0.00352	206.25032	88.14970
291.0	0.003436	206.27101	90.68514
322.0	0.003106	206.29170	93.57330
286.0	0.003497	206.31239	96.85349
291.0	0.003436	206.33305	100.57304
340.0	0.002941	206.35374	104.78860
311.0	0.003215	206.37444	109.56796
337.0	0.002967	206.39510	114.99162
328.0	0.003049	206.41579	121.15466
377.0	0.002653	206.43648	128.16858
407.0	0.002457	206.45717	136.16289
381.0	0.002625	206.47783	145.28642
374.0	0.002674	206.49852	155.70825
413.0	0.002421	206.51921	167.61797
402.0	0.002488	206.53987	181.22511
446.0	0.002242	206.56056	196.75734
454.0	0.002203	206.58125	214.45729
490.0	0.002041	206.60193	234.57764
515.0	0.001942	206.62260	257.37317
568.0	0.001761	206.64330	283.08896
542.0	0.001845	206.66399	311.94275
541.0	0.001848	206.68465	344.09766
617.0	0.001621	206.70534	380.17096
653.0	0.001531	206.72603	418.98502
695.0	0.001439	206.74670	460.76758
737.0	0.001357	206.76738	504.86331
791.0	0.001264	206.78807	550.16180
856.0	0.001168	206.80876	594.99310
870.0	0.001149	206.82944	637.08905
876.0	0.001142	206.85011	673.68378
948.0	0.001055	206.87080	701.81409
986.0	0.001014	206.89148	718.81921
913.0	0.001095	206.91216	722.92621
975.0	0.001026	206.93285	713.70251
882.0	0.001134	206.95352	692.17474
899.0	0.001112	206.97421	660.55334
807.0	0.001239	206.99489	621.69604
750.0	0.001333	207.01558	578.53601
734.0	0.001362	207.03625	533.65826
681.0	0.001468	207.05693	489.08679
651.0	0.001536	207.07762	446.25122
624.0	0.001603	207.09830	406.06049
591.0	0.001692	207.11899	369.01779
534.0	0.001873	207.13966	335.33420
533.0	0.001876	207.16034	305.02377
492.0	0.002033	207.18103	277.97485
483.0	0.002070	207.20171	253.99980
417.0	0.002398	207.22240	232.86949
401.0	0.002494	207.24307	214.33563
443.0	0.002257	207.26376	198.14606
417.0	0.002398	207.28444	184.05460
379.0	0.002639	207.30511	171.82791
394.0	0.002538	207.32581	161.24937
394.0	0.002538	207.34650	152.12196

327.0	0.003058	207.36717	144.26933
345.0	0.002899	207.38785	137.53625
378.0	0.002646	207.40854	131.78807
346.0	0.002890	207.42921	126.90978
340.0	0.002941	207.44989	122.80470
328.0	0.003049	207.47058	119.39291
310.0	0.003226	207.49127	116.60966
314.0	0.003185	207.51193	114.40383
326.0	0.003067	207.53262	112.73733
356.0	0.002809	207.55331	111.58098
343.0	0.002915	207.57399	111.37963
327.0	0.003058	207.59467	111.20480
351.0	0.002849	207.61536	111.51651
303.0	0.003300	207.63605	112.32505
307.0	0.003257	207.65671	113.64986
355.0	0.002817	207.67740	115.51985
326.0	0.003067	207.69809	117.97404
357.0	0.002801	207.71875	121.06199
328.0	0.003049	207.73944	124.84460
345.0	0.002899	207.76013	129.49399
373.0	0.002681	207.78082	134.89713
364.0	0.002747	207.80148	141.25044
371.0	0.002695	207.82217	148.66412
392.0	0.002551	207.84286	157.25972
405.0	0.002469	207.86354	167.16847
412.0	0.002427	207.88422	178.52805
479.0	0.002088	207.90491	191.47739
472.0	0.002119	207.92560	206.06981
476.0	0.002101	207.94626	222.57788
532.0	0.001880	207.96695	241.00336
521.0	0.001919	207.98764	261.37479
607.0	0.001647	208.00832	283.64612
590.0	0.001695	208.02899	307.67587
656.0	0.001524	208.04968	333.32248
736.0	0.001359	208.07036	359.99377
725.0	0.001379	208.09103	387.31494
823.0	0.001215	208.11172	414.68564
883.0	0.001133	208.13242	441.37598
871.0	0.001148	208.15309	466.49335
995.0	0.001005	208.17377	488.59644
955.0	0.001047	208.19446	507.16153
1019.0	0.000981	208.21513	520.56305
1049.0	0.000953	208.23581	527.76495
968.0	0.001033	208.25650	528.25134
927.0	0.001079	208.27719	522.23322
903.0	0.001107	208.29787	510.66577
853.0	0.001172	208.31854	495.06345
818.0	0.001222	208.33923	477.20010
736.0	0.001359	208.35991	458.81628
739.0	0.001353	208.38060	441.41589
656.0	0.001524	208.40128	426.17667
764.0	0.001309	208.42195	413.94577
705.0	0.001418	208.44264	405.28116
733.0	0.001364	208.46332	400.50507

672.0	0.001488	208.48401	399.74695
759.0	0.001318	208.50468	402.96426
781.0	0.001280	208.52538	409.94034
748.0	0.001337	208.54605	420.25604
841.0	0.001189	208.56673	433.24307
806.0	0.001241	208.58742	447.92996
839.0	0.001192	208.60809	463.00803
848.0	0.001179	208.62877	476.85202
902.0	0.001109	208.64946	487.64001
822.0	0.001217	208.67015	493.59103
865.0	0.001156	208.69083	493.28760
861.0	0.001161	208.71150	485.98450
836.0	0.001196	208.73219	471.77783
824.0	0.001214	208.75287	451.55246
741.0	0.001350	208.77354	426.73523
636.0	0.001572	208.79424	398.96390
636.0	0.001572	208.81493	369.79474
563.0	0.001776	208.83560	340.51920
553.0	0.001808	208.85628	312.09613
480.0	0.002083	208.87697	285.16595
494.0	0.002024	208.89766	260.10632
469.0	0.002132	208.91832	237.09818
479.0	0.002088	208.93901	216.18544
421.0	0.002375	208.95970	197.32205
404.0	0.002475	208.98036	180.40623
430.0	0.002326	209.00105	165.33018
382.0	0.002618	209.02174	151.89178
419.0	0.002387	209.04243	139.96123
360.0	0.002778	209.06310	129.38420
351.0	0.002849	209.08379	120.01211
313.0	0.003195	209.10448	111.70535
298.0	0.003356	209.12514	104.33508
318.0	0.003145	209.14583	97.78417
288.0	0.003472	209.16652	91.94764
295.0	0.003390	209.18721	86.73251
288.0	0.003472	209.20787	82.05734
304.0	0.003289	209.22856	77.85147
262.0	0.00382	209.24925	74.05399
285.0	0.00351	209.26991	70.61285
289.0	0.003460	209.29060	67.48365
278.0	0.00360	209.31129	64.62868
287.0	0.003484	209.33197	62.01592
260.0	0.00385	209.35265	59.61818
266.0	0.00376	209.37334	57.41233
275.0	0.00364	209.39403	55.37855
272.0	0.00368	209.41470	53.49986
273.0	0.00366	209.43538	51.76158
283.0	0.00353	209.45607	50.15099
275.0	0.00364	209.47675	48.65699
249.0	0.00402	209.49742	47.26981
229.0	0.00437	209.51811	45.98086
233.0	0.00429	209.53879	44.78253
237.0	0.00422	209.55948	43.66805
239.0	0.00418	209.58015	42.63140

239.0	0.00418	209.60085	41.66720
273.0	0.00366	209.62152	40.77061
247.0	0.00405	209.64220	39.93731
257.0	0.00389	209.66289	39.16344
256.0	0.00391	209.68356	38.44552
229.0	0.00437	209.70425	37.78043
234.0	0.00427	209.72493	37.16540
228.0	0.00439	209.74562	36.59794
247.0	0.00405	209.76630	36.07583
226.0	0.00442	209.78697	35.59710
271.0	0.00369	209.80766	35.16003
238.0	0.00420	209.82834	34.76310
247.0	0.00405	209.84903	34.40500
238.0	0.00420	209.86971	34.08462
234.0	0.00427	209.89038	33.80102
257.0	0.00389	209.91107	33.55343
222.0	0.00450	209.93176	33.34128
251.0	0.00398	209.95244	33.16414
230.0	0.00435	209.97311	33.02175
246.0	0.00407	209.99380	32.91402
228.0	0.00439	210.01448	32.84104
216.0	0.00463	210.03516	32.80304
238.0	0.00420	210.05585	32.80045
247.0	0.00405	210.07654	32.83388
224.0	0.00446	210.09720	32.90413
215.0	0.00465	210.11789	33.01219
228.0	0.00439	210.13858	33.15929
249.0	0.00402	210.15926	33.34689
258.0	0.00388	210.17993	33.57670
226.0	0.00442	210.20062	33.85071
291.0	0.003436	210.22131	34.17125
247.0	0.00405	210.24197	34.54096
228.0	0.00439	210.26266	34.96293
225.0	0.00444	210.28336	35.44065
235.0	0.00426	210.30403	35.97816
243.0	0.00412	210.32471	36.58010
253.0	0.00395	210.34540	37.25180
247.0	0.00405	210.36609	37.99946
246.0	0.00407	210.38675	38.83025
239.0	0.00418	210.40744	39.75254
245.0	0.00408	210.42813	40.77615
253.0	0.00395	210.44881	41.62970
264.0	0.00379	210.46948	42.89436
253.0	0.00395	210.49017	44.30164
252.0	0.00397	210.51086	45.87061
252.0	0.00397	210.53152	47.62392
263.0	0.00380	210.55222	49.58825
258.0	0.00388	210.57291	51.79504
258.0	0.00388	210.59358	54.28107
250.0	0.00400	210.61426	57.08906
288.0	0.003472	210.63495	60.26820
265.0	0.00377	210.65564	63.87455
245.0	0.00408	210.67630	67.97126
269.0	0.00372	210.69699	72.62860

270.0	0.00370	210.71768	77.92357
266.0	0.00376	210.73836	83.93913
290.0	0.003448	210.75903	90.76299
271.0	0.00369	210.77972	98.48553
295.0	0.003390	210.80040	107.19680
272.0	0.00368	210.82108	116.98186
313.0	0.003195	210.84177	127.91397
322.0	0.003106	210.86246	140.04436
329.0	0.003040	210.88313	153.38699
342.0	0.002924	210.90381	167.89702
320.0	0.003125	210.92450	183.44110
351.0	0.002849	210.94518	199.76050
386.0	0.002591	210.96587	216.43025
370.0	0.002703	210.98654	232.82591
394.0	0.002538	211.00722	248.11563
413.0	0.002421	211.02791	261.30267
398.0	0.002513	211.04858	271.33765
391.0	0.002558	211.06927	277.29611
381.0	0.002625	211.08995	278.58704
425.0	0.002353	211.11064	275.06976
379.0	0.002639	211.13132	267.13647
387.0	0.002584	211.15199	255.57961
387.0	0.002584	211.17268	241.41389
368.0	0.002717	211.19336	225.68030
389.0	0.002571	211.21405	209.29964
346.0	0.002890	211.23473	192.99788
338.0	0.002959	211.25542	177.29317
323.0	0.003096	211.27609	162.51944
340.0	0.002941	211.29677	148.88078
305.0	0.003279	211.31746	136.43086
316.0	0.003165	211.33813	125.19611
293.0	0.003413	211.35881	115.14152
310.0	0.003226	211.37950	106.20328
300.0	0.003333	211.40019	98.30148
274.0	0.00365	211.42087	91.34830
260.0	0.00385	211.44154	85.25361
274.0	0.00365	211.46223	79.92874
283.0	0.00353	211.48293	75.28882
243.0	0.00412	211.50359	71.25449
252.0	0.00397	211.52428	67.75292
253.0	0.00395	211.54497	64.71822
250.0	0.00400	211.56563	62.09174
253.0	0.00395	211.58632	59.82180
265.0	0.00377	211.60701	57.86357
264.0	0.00379	211.62770	56.17841
281.0	0.00356	211.64836	54.73342
248.0	0.00403	211.66905	53.50079
264.0	0.00379	211.68974	52.45718
224.0	0.00446	211.71040	51.58312
227.0	0.00441	211.73109	50.86250
229.0	0.00437	211.75179	50.28199
243.0	0.00412	211.77248	49.83073
258.0	0.00388	211.79314	49.49979
248.0	0.00403	211.81383	49.28205

254.0	0.00394	211.83452	49.17182
243.0	0.00412	211.85518	49.16469
254.0	0.00394	211.87587	49.25737
261.0	0.00383	211.79675	49.44756
224.0	0.00446	211.69272	49.73385
252.0	0.00397	211.58876	49.79293
231.0	0.00433	211.48473	50.27258
276.0	0.00362	211.38069	50.84909
248.0	0.00403	211.27666	51.52432
250.0	0.00400	211.17270	52.30087
240.0	0.00417	211.06866	52.88502
220.0	0.00455	210.96461	53.87731
255.0	0.00392	210.86066	54.98403
258.0	0.00388	210.75662	56.21158
256.0	0.00391	210.65259	57.56748
243.0	0.00412	210.54855	59.06067
237.0	0.00422	210.44460	60.70158
259.0	0.00386	210.34056	62.50252
264.0	0.00379	210.23651	64.47793
264.0	0.00379	210.13255	66.64479
277.0	0.00361	210.02852	69.02314
254.0	0.00394	209.92448	71.63665
267.0	0.00375	209.82045	74.51328
288.0	0.003472	209.71649	77.68612
250.0	0.00400	209.61246	81.19421
288.0	0.003472	209.50842	85.08360
278.0	0.00360	209.40446	89.40820
314.0	0.003185	209.30042	94.23099
312.0	0.003205	209.19638	99.62492
320.0	0.003125	209.09235	105.81771
313.0	0.003195	208.98839	112.61728
348.0	0.002874	208.88435	120.27380
310.0	0.003226	208.78032	128.90598
335.0	0.002985	208.67628	138.64377
342.0	0.002924	208.57233	149.62701
404.0	0.002475	208.46828	162.00348
392.0	0.002551	208.36424	175.92545
417.0	0.002398	208.26028	191.54480
453.0	0.002208	208.15625	209.00565
465.0	0.002151	208.05222	228.43294
528.0	0.001894	207.94818	249.91603
488.0	0.002049	207.84422	273.48404
528.0	0.001894	207.74017	299.07092
612.0	0.001634	207.63614	326.46765
611.0	0.001637	207.53218	355.26315
654.0	0.001529	207.42815	384.77798
629.0	0.001590	207.32411	414.01083
684.0	0.001462	207.22008	441.62433
708.0	0.001412	207.11612	466.01105
762.0	0.001312	207.01208	485.47055
779.0	0.001284	206.90804	498.49313
752.0	0.001330	206.80408	504.08463
749.0	0.001335	206.70004	502.01767
776.0	0.001289	206.59601	492.89978

713.0	0.001403	206.49197	478.02689
721.0	0.001387	206.38802	459.09097
670.0	0.001493	206.28398	437.86099
657.0	0.001522	206.17995	415.93848
677.0	0.001477	206.07590	394.62698
586.0	0.001706	205.97194	374.90402
639.0	0.001565	205.86790	357.45624
609.0	0.001642	205.76387	342.74271
587.0	0.001704	205.65991	331.06009
538.0	0.001859	205.55588	322.59918
544.0	0.001838	205.45184	317.48721
528.0	0.001894	205.34779	315.81818
528.0	0.001894	205.24384	317.67221
542.0	0.001845	205.13980	323.12668
533.0	0.001876	205.03577	332.26141
596.0	0.001678	204.93181	345.15775
609.0	0.001642	204.82777	361.89221
596.0	0.001678	204.72374	382.52328
708.0	0.001412	204.61971	407.06909
688.0	0.001453	204.51575	435.47351
766.0	0.001305	204.41170	467.55600
819.0	0.001221	204.30766	502.94196
786.0	0.001272	204.20370	540.97406
891.0	0.001122	204.09967	580.61218
862.0	0.001160	203.99564	620.34259
979.0	0.001021	203.89160	658.14111
1009.0	0.000991	203.78764	691.54370
1072.0	0.000933	203.68361	717.88226
1014.0	0.000986	203.57956	734.68848
1074.0	0.000931	203.47552	740.82361
1049.0	0.000953	203.37157	734.35992
985.0	0.001015	203.26753	716.54669
976.0	0.001025	203.16350	689.11816
955.0	0.001047	203.05954	654.50818
891.0	0.001122	202.95551	615.35388
831.0	0.001203	202.85146	574.08905
784.0	0.001276	202.74742	532.70532
717.0	0.001395	202.64346	492.67773
658.0	0.001520	202.53943	455.00098
630.0	0.001587	202.43539	419.73642
581.0	0.001721	202.33144	388.28262
534.0	0.001873	202.22740	360.20456
523.0	0.001912	202.12337	335.48050
509.0	0.001965	202.01932	314.00870
461.0	0.002169	201.91536	295.64407
460.0	0.002174	201.81133	280.22296
458.0	0.002183	201.70729	267.58075
435.0	0.002299	201.60333	257.56430
453.0	0.002208	201.49930	250.03984
448.0	0.002232	201.39526	244.89964
431.0	0.002320	201.29123	242.06575
444.0	0.002252	201.18727	241.49287
468.0	0.002137	201.08322	243.16945
391.0	0.002558	200.97919	247.11755



455.0	0.002198	200.87515	253.39177
479.0	0.002088	200.77119	262.07626
458.0	0.002183	200.66716	273.28085
495.0	0.002020	200.56313	287.13464
512.0	0.001953	200.45917	303.99225
539.0	0.001855	200.35512	323.56555
573.0	0.001745	200.25108	346.18848
661.0	0.001513	200.14705	371.93835
628.0	0.001592	200.04309	400.81335
699.0	0.001431	199.93906	432.68237
772.0	0.001295	199.83502	467.21893
853.0	0.001172	199.73106	503.82141
846.0	0.001182	199.62703	541.53009
930.0	0.001075	199.52298	578.96661
954.0	0.001048	199.41895	614.33527
1077.0	0.000929	199.31499	645.53754
1104.0	0.000906	199.21095	670.42645
1189.0	0.000841	199.10692	687.17938
1150.0	0.000870	199.00296	694.68848
1109.0	0.000902	198.89893	692.81635
1083.0	0.000923	198.79489	682.39807
1017.0	0.000983	198.69084	664.98657
1012.0	0.000988	198.58688	642.44806
983.0	0.001017	198.48285	616.57306
913.0	0.001095	198.37881	588.82233
902.0	0.001109	198.27478	560.24695
840.0	0.001190	198.17082	531.55310
818.0	0.001222	198.06679	503.23767
780.0	0.001282	197.96274	475.71985
700.0	0.001429	197.85878	449.41766
714.0	0.001401	197.75475	424.75507
685.0	0.001460	197.65071	402.80734
689.0	0.001451	197.54668	382.49896
716.0	0.001397	197.44272	364.66748
686.0	0.001458	197.33868	349.29861
659.0	0.001517	197.23465	336.19855
671.0	0.001490	197.13069	324.99826
596.0	0.001678	197.02664	315.17371
622.0	0.001608	196.92261	306.08853
599.0	0.001669	196.81857	297.06638
569.0	0.001757	196.71461	287.48969
581.0	0.001721	196.61058	276.90466
516.0	0.001938	196.50655	265.04105
532.0	0.001880	196.40259	252.06317
485.0	0.002062	196.29855	238.17603
462.0	0.002165	196.19450	223.76892
479.0	0.002088	196.09047	209.26154
447.0	0.002237	195.98651	195.03011
424.0	0.002358	195.88248	181.36797
432.0	0.002315	195.77844	168.16597
411.0	0.002433	195.67441	156.16321
415.0	0.002410	195.57045	145.09959
401.0	0.002494	195.46640	134.97949
361.0	0.002770	195.36237	125.77579

331.0	0.003021	195.25841	117.44209
354.0	0.002825	195.15437	109.92115
306.0	0.003268	195.05034	103.15095
316.0	0.003165	194.94630	97.06839
328.0	0.003049	194.84235	91.61183
330.0	0.003030	194.73831	86.72277
297.0	0.003367	194.63426	82.34673
339.0	0.002950	194.53030	78.43401
302.0	0.003311	194.42627	74.93999
273.0	0.00366	194.32224	71.82529
307.0	0.003257	194.21820	69.05587
302.0	0.003311	194.11424	66.60277
276.0	0.00362	194.01021	64.44202
301.0	0.003322	193.90617	62.69785
271.0	0.00369	193.80222	61.06886
305.0	0.003279	193.69817	59.68649
257.0	0.00389	193.59413	58.54282
266.0	0.00376	193.49010	57.30981
289.0	0.003460	193.38614	56.63221
282.0	0.00355	193.28210	56.18365
302.0	0.003311	193.17807	55.96314
285.0	0.00351	193.07402	55.96909
296.0	0.003378	192.97006	56.19762
320.0	0.003125	192.86603	56.64042
305.0	0.003279	192.76199	57.28180
292.0	0.003425	192.65804	58.09478
299.0	0.003344	192.55400	59.03678
314.0	0.003185	192.44997	60.04500
304.0	0.003289	192.34593	61.03378
330.0	0.003030	192.24197	61.89555
311.0	0.003215	192.13792	62.50843
321.0	0.003115	192.03389	62.75172
332.0	0.003012	191.92993	62.52720
327.0	0.003058	191.82590	61.78033
274.0	0.00365	191.72186	60.51321
309.0	0.003236	191.61783	58.78342
303.0	0.003300	191.51387	56.68938
302.0	0.003311	191.40984	54.34854
283.0	0.00353	191.30579	51.87655
294.0	0.003401	191.20183	49.37302
270.0	0.00370	191.09779	46.91483
272.0	0.00368	190.99376	44.55586
291.0	0.003436	190.88972	42.33009
266.0	0.00376	190.78577	40.25595
266.0	0.00376	190.68173	38.34068
266.0	0.00376	190.57768	36.58389
257.0	0.00389	190.47365	34.98026
245.0	0.00408	190.36969	33.52139
264.0	0.00379	190.26566	32.19724
239.0	0.00418	190.16162	30.99695
239.0	0.00418	190.05766	29.90945
249.0	0.00402	189.95363	28.92388
235.0	0.00426	189.84959	28.02985
233.0	0.00429	189.74554	27.21760

289.0	0.003460	189.64159	26.47815
232.0	0.00431	189.53755	25.80332
231.0	0.00433	189.43352	25.18575
225.0	0.00444	189.32956	24.61893
263.0	0.00380	189.22552	24.09711
224.0	0.00446	189.12149	23.61527
227.0	0.00441	189.01746	23.16906
244.0	0.00410	188.91350	22.75473
230.0	0.00435	188.80945	22.36907
223.0	0.00448	188.70541	22.00931
248.0	0.00403	188.60146	21.67308
252.0	0.00397	188.49742	21.35835
229.0	0.00437	188.39339	21.06335
216.0	0.00463	188.28935	20.78659
233.0	0.00429	188.18539	20.52675
221.0	0.00452	188.08134	20.28268
217.0	0.00461	187.97731	20.05339
205.0	0.00488	187.87328	19.83800
247.0	0.00405	187.76932	19.63572
226.0	0.00442	187.66528	19.44587
205.0	0.00488	187.56125	19.26783
229.0	0.00437	187.45729	19.10105
245.0	0.00408	187.35326	18.94506
241.0	0.00415	187.27257	18.79941
227.0	0.00441	187.28540	18.66372
204.0	0.00490	187.29822	18.53765
225.0	0.00444	187.31105	18.42091
229.0	0.00437	187.32388	18.31321
224.0	0.00446	187.33670	18.21433
245.0	0.00408	187.34953	18.12408
215.0	0.00465	187.36237	18.04229
244.0	0.00410	187.37520	17.96882
235.0	0.00426	187.38802	17.90357
233.0	0.00429	187.40085	17.84646
248.0	0.00403	187.41368	17.79743
216.0	0.00463	187.42650	17.75648
250.0	0.00400	187.43933	17.72359
219.0	0.00457	187.45216	17.69882
251.0	0.00398	187.46500	17.68222
225.0	0.00444	187.47781	17.67391
238.0	0.00420	187.49065	17.67401
254.0	0.00394	187.50348	17.68271
210.0	0.00476	187.51631	17.70021
282.0	0.00355	187.52913	17.72678
228.0	0.00439	187.54196	17.76273
227.0	0.00441	187.55479	17.80844
221.0	0.00452	187.56763	17.86434
234.0	0.00427	187.58044	17.93096
230.0	0.00435	187.59328	18.00891
276.0	0.00362	187.60611	18.09889
238.0	0.00420	187.61894	18.20177
213.0	0.00469	187.63176	18.31851
260.0	0.00385	187.64459	18.45029
196.0	0.00510	187.65742	18.67311

274.0	0.00365	187.67026	18.83968
240.0	0.00417	187.68307	19.02604
224.0	0.00446	187.69591	19.23432
220.0	0.00455	187.70874	19.46694
237.0	0.00422	187.72157	19.72669
222.0	0.00450	187.73439	20.01673
247.0	0.00405	187.74722	20.34061
251.0	0.00398	187.76006	20.70230
264.0	0.00379	187.77289	21.10620
233.0	0.00429	187.78571	21.55710
243.0	0.00412	187.79854	22.06019
244.0	0.00410	187.81137	22.62096
273.0	0.00366	187.82420	23.24512
226.0	0.00442	187.83702	23.93840
266.0	0.00376	187.84985	24.70626
267.0	0.00375	187.86269	25.55340
251.0	0.00398	187.87552	26.48311
276.0	0.00362	187.88834	27.49635
284.0	0.00352	187.90117	28.59047
269.0	0.00372	187.91400	29.75783
249.0	0.00402	187.92683	30.98448
254.0	0.00394	187.93965	32.24934
273.0	0.00366	187.95248	33.52482
241.0	0.00415	187.96532	34.77933
293.0	0.003413	187.97813	35.77267
281.0	0.00356	187.99097	36.90089
276.0	0.00362	188.00380	37.94122
278.0	0.00360	188.01663	38.89524
280.0	0.00357	188.02945	39.77508
314.0	0.003185	188.04228	40.59611
271.0	0.00369	188.05511	41.36777
288.0	0.003472	188.06793	42.08558
284.0	0.00352	188.08076	42.72691
291.0	0.003436	188.09360	43.25202
240.0	0.00417	188.10643	43.61108
269.0	0.00372	188.11925	43.75583
307.0	0.003257	188.13208	43.65302
250.0	0.00400	188.14491	43.29505
272.0	0.00368	188.15775	42.70366
278.0	0.00360	188.17056	41.92559
282.0	0.00355	188.18340	41.02233
258.0	0.00388	188.19623	40.25945
235.0	0.00426	188.20905	39.29496
285.0	0.00351	188.22188	38.37585
263.0	0.00380	188.23471	37.53667
240.0	0.00417	188.24754	36.80034
253.0	0.00395	188.26036	36.18041
270.0	0.00370	188.27319	35.68355
261.0	0.00383	188.28603	35.31172
276.0	0.00362	188.29884	35.06394
245.0	0.00408	188.31168	34.95667
240.0	0.00417	188.32451	34.94837
237.0	0.00422	188.33734	35.05449
241.0	0.00415	188.35016	35.27180

232.0	0.00431	188.36299	35.59772
258.0	0.00388	188.37582	36.03055
259.0	0.00386	188.38864	36.56979
236.0	0.00424	188.40147	37.21618
258.0	0.00388	188.41431	37.97205
238.0	0.00420	188.42714	38.84141
202.0	0.00495	188.43996	39.83025
244.0	0.00410	188.45279	40.94678
228.0	0.00439	188.46562	42.20165
263.0	0.00380	188.47845	43.60826
261.0	0.00383	188.49127	45.18310
292.0	0.003425	188.50410	46.94598
204.0	0.00490	188.51694	48.92040
271.0	0.00369	188.52975	51.13379
222.0	0.00450	188.54259	53.61768
245.0	0.00408	188.55542	56.40787
254.0	0.00394	188.56825	59.54442
270.0	0.00370	188.58107	63.07146
265.0	0.00377	188.59390	67.03691
283.0	0.00353	188.60674	71.49177
309.0	0.003236	188.61955	76.48927
281.0	0.00356	188.63239	82.08331
265.0	0.00377	188.64522	88.32648
265.0	0.00377	188.65805	95.26685
266.0	0.00376	188.67087	102.94332
276.0	0.00362	188.68370	111.37892
275.0	0.00364	188.69653	120.57087
309.0	0.003236	188.70937	130.47711
316.0	0.003165	188.72218	140.99805
315.0	0.003175	188.73502	151.95532
314.0	0.003185	188.74785	163.06941
336.0	0.002976	188.76068	173.94366
343.0	0.002915	188.77350	184.06535
343.0	0.002915	188.78633	192.83662
362.0	0.002762	188.79916	199.64404
391.0	0.002558	188.81200	203.96098
352.0	0.002841	188.82481	205.45813
389.0	0.002571	188.83765	204.08255
328.0	0.003049	188.85048	200.07143
356.0	0.002809	188.86331	193.89507
344.0	0.002907	188.87613	186.15369
317.0	0.003155	188.88896	177.46765
341.0	0.002933	188.90179	168.39415
337.0	0.002967	188.91463	159.38205
322.0	0.003106	188.92744	150.76112
309.0	0.003236	188.94028	142.75325
318.0	0.003145	188.95311	135.49329
321.0	0.003115	188.96594	129.05139
299.0	0.003344	188.97876	123.45284
264.0	0.00379	188.99159	118.88119
271.0	0.00369	189.00443	114.93908
319.0	0.003135	189.01726	111.78034
272.0	0.00368	189.03008	109.36736
318.0	0.003145	189.04291	107.66156

292.0	0.003425	189.05574	106.62632
256.0	0.00391	189.06857	106.22892
301.0	0.003322	189.08139	106.44209
262.0	0.00382	189.09422	107.24536
292.0	0.003425	189.10706	108.27328
267.0	0.00375	189.11989	110.22973
311.0	0.003215	189.13271	112.76575
297.0	0.003367	189.14554	115.89807
320.0	0.003125	189.15837	119.65524
300.0	0.003333	189.17119	124.07858
322.0	0.003106	189.18402	129.22343
303.0	0.003300	189.19685	135.16031
326.0	0.003067	189.20969	141.97581
301.0	0.003322	189.22250	149.77406
323.0	0.003096	189.23534	158.67725
366.0	0.002732	189.24817	168.82632
358.0	0.002793	189.26099	180.38136
381.0	0.002625	189.27382	193.52080
389.0	0.002571	189.28665	208.44063
464.0	0.002155	189.29948	225.35208
398.0	0.002513	189.31230	244.47853
463.0	0.002160	189.32513	266.05026
444.0	0.002252	189.33797	290.29712
514.0	0.001946	189.35078	317.43753
528.0	0.001894	189.36362	347.66260
542.0	0.001845	189.37645	381.11230
587.0	0.001704	189.38928	417.84064
611.0	0.001637	189.40210	457.76697
627.0	0.001595	189.41493	500.60925
713.0	0.001403	189.42776	545.79895
764.0	0.001309	189.44060	592.38531
863.0	0.001159	189.45341	638.94672
821.0	0.001218	189.46625	683.54663
824.0	0.001214	189.47908	723.78638
838.0	0.001193	189.49190	757.00458
897.0	0.001115	189.50473	780.64484
863.0	0.001159	189.51756	792.17084
915.0	0.001093	189.53040	791.73560
918.0	0.001089	189.54321	779.04095
840.0	0.001190	189.55605	755.58423
852.0	0.001174	189.56888	723.69446
759.0	0.001318	189.58170	686.07440
761.0	0.001314	189.59453	645.36304
684.0	0.001462	189.60736	603.83655
627.0	0.001595	189.62019	563.27661
597.0	0.001675	189.63301	524.96478
629.0	0.001590	189.64584	489.75107
602.0	0.001661	189.65868	458.14935
585.0	0.001709	189.67149	430.42908
546.0	0.001832	189.68433	406.69238
506.0	0.001976	189.69716	386.93188
503.0	0.001988	189.70999	371.07101
483.0	0.002070	189.72281	358.99051
542.0	0.001845	189.73564	350.54416

544.0	0.001838	189.74847	345.56519
554.0	0.001805	189.76131	343.86566
566.0	0.001767	189.77412	345.22791
556.0	0.001799	189.78696	349.38879
561.0	0.001783	189.79979	356.01590
609.0	0.001642	189.81262	364.67844
585.0	0.001709	189.82544	374.81717
680.0	0.001471	189.83827	385.89594
627.0	0.001595	189.85110	396.72620
714.0	0.001401	189.86394	406.53976
743.0	0.001346	189.87675	414.41498
732.0	0.001366	189.88959	419.59689
701.0	0.001427	189.90242	421.65289
736.0	0.001359	189.91525	420.57730
672.0	0.001488	189.92807	416.80048
693.0	0.001443	189.94090	411.09894
647.0	0.001546	189.95374	404.44489
629.0	0.001590	189.96657	397.85059
712.0	0.001404	189.97939	392.25354
607.0	0.001647	189.99222	388.45404
632.0	0.001582	190.00505	387.10168
599.0	0.001669	190.01788	388.70941
605.0	0.001653	190.03070	393.67947
635.0	0.001575	190.04353	403.06305
658.0	0.001520	190.05637	415.19418
724.0	0.001381	190.06920	431.93457
738.0	0.001355	190.08202	452.96600
760.0	0.001316	190.09485	478.37222
802.0	0.001247	190.10768	508.14374
835.0	0.001198	190.12051	542.13397
877.0	0.001140	190.13333	579.99554
915.0	0.001093	190.14616	621.09570
1002.0	0.000998	190.15900	664.41803
1039.0	0.000962	190.17183	708.36707
1117.0	0.000895	190.18465	751.11182
1172.0	0.000853	190.19748	790.01794
1183.0	0.000845	190.21031	822.22858
1182.0	0.000846	190.22313	844.91919
1249.0	0.000801	190.23596	855.77966
1292.0	0.000774	190.24879	853.49915
1248.0	0.000801	190.26163	838.06866
1119.0	0.000894	190.27444	810.77631
1108.0	0.000903	190.28728	773.89728
1016.0	0.000984	190.30011	730.20648
928.0	0.001078	190.31293	682.49701
890.0	0.001124	190.32576	633.23004
753.0	0.001328	190.33859	584.35919
778.0	0.001285	190.35143	537.18756
758.0	0.001319	190.36424	492.87704
712.0	0.001404	190.37708	451.86990
682.0	0.001466	190.38991	414.43915
615.0	0.001626	190.40274	380.66251
673.0	0.001486	190.41556	350.48886
575.0	0.001739	190.42839	323.78738

494.0	0.002024	190.44122	300.38150
522.0	0.001916	190.45404	280.07239
498.0	0.002008	190.46687	262.65463
487.0	0.002053	190.47971	247.92645
472.0	0.002119	190.49254	235.69656
479.0	0.002088	190.50536	225.78795
462.0	0.002165	190.51819	218.03969
458.0	0.002183	190.53102	212.30676
462.0	0.002165	190.54384	208.45775
503.0	0.001988	190.55667	206.37061
462.0	0.002165	190.56950	205.92534
515.0	0.001942	190.58234	206.99365
467.0	0.002141	190.59515	209.42477
509.0	0.001965	190.60799	213.02675
528.0	0.001894	190.62082	217.54495
570.0	0.001754	190.63364	222.63982
550.0	0.001818	190.64647	227.87157
564.0	0.001773	190.65930	232.70036
575.0	0.001739	190.67213	236.51538
581.0	0.001721	190.68495	238.69846
531.0	0.001883	190.69778	238.71902
527.0	0.001898	190.71062	236.23479
521.0	0.001919	190.72345	231.16498
509.0	0.001965	190.73627	223.70364
453.0	0.002208	190.74910	214.26813
429.0	0.002331	190.76193	203.40378
427.0	0.002342	190.77475	191.68181
443.0	0.002257	190.78758	179.61949
387.0	0.002584	190.80042	167.63568
419.0	0.002387	190.81325	156.03838
441.0	0.002268	190.82607	145.03326
358.0	0.002793	190.83890	135.34354
333.0	0.003003	190.85173	125.82999
335.0	0.002985	190.86455	117.10484
345.0	0.002899	190.87738	109.15299
345.0	0.002899	190.89021	101.94036
323.0	0.003096	190.90305	95.42148
305.0	0.003279	190.91586	89.54474
311.0	0.003215	190.92870	84.25600
300.0	0.003333	190.94153	79.47472
276.0	0.00362	190.95436	75.20079
317.0	0.003155	190.96718	71.35756
293.0	0.003413	190.98001	67.89819
278.0	0.00360	190.99284	64.77946
301.0	0.003322	191.00568	61.96217
264.0	0.00379	191.01849	59.41117
223.0	0.00448	191.03133	57.09513
244.0	0.00410	191.04416	54.98653
239.0	0.00418	191.05699	53.06132
272.0	0.00368	191.06981	51.29860
295.0	0.003390	191.08264	49.68033
273.0	0.00366	191.09547	48.19103
269.0	0.00372	191.10831	46.81738
232.0	0.00431	191.12112	45.54799



263.0	0.00380	191.13396	44.37306
261.0	0.00383	191.14679	43.28420
268.0	0.00373	191.15962	42.27418
265.0	0.00377	191.17244	41.33675
240.0	0.00417	191.18527	40.46653
249.0	0.00402	191.19810	39.65880
254.0	0.00394	191.21094	38.90948
251.0	0.00398	191.22375	38.21502
240.0	0.00417	191.23659	37.57227
229.0	0.00437	191.24942	36.97857
260.0	0.00385	191.26225	36.43151
252.0	0.00397	191.27507	35.92907
241.0	0.00415	191.28790	35.46948
247.0	0.00405	191.30074	35.05127
255.0	0.00392	191.31357	34.67319
253.0	0.00395	191.32639	34.33425
236.0	0.00424	191.33922	34.03368
251.0	0.00398	191.35205	33.77092
239.0	0.00418	191.36488	33.54566
233.0	0.00429	191.37770	33.35780
239.0	0.00418	191.39053	33.20747
235.0	0.00426	191.40337	33.09505
258.0	0.00388	191.41618	33.02121
244.0	0.00410	191.42902	32.98687
246.0	0.00407	191.44185	32.99329
266.0	0.00376	191.45468	33.04209
221.0	0.00452	191.46750	33.13530
243.0	0.00412	191.48033	33.27545
214.0	0.00467	191.49316	33.46561
241.0	0.00415	191.50598	33.70948
244.0	0.00410	191.51881	34.01158
268.0	0.00373	191.53165	34.37725
221.0	0.00452	191.54448	34.81290
230.0	0.00435	191.55730	35.32607
244.0	0.00410	191.57013	35.92568
256.0	0.00391	191.58296	36.62208
236.0	0.00424	191.59578	37.42730
223.0	0.00448	191.60861	38.35511
249.0	0.00402	191.62144	39.42117
243.0	0.00412	191.63428	40.64304
267.0	0.00375	191.64709	42.04023
232.0	0.00431	191.65993	43.63411
268.0	0.00373	191.67276	46.25658
255.0	0.00392	191.68559	48.31931
242.0	0.00413	191.69841	50.65171
274.0	0.00365	191.71124	53.27950
263.0	0.00380	191.72408	56.22766
228.0	0.00439	191.73689	59.51910
243.0	0.00412	191.74973	63.17242
241.0	0.00415	191.76256	67.19891
252.0	0.00397	191.77539	71.59804
257.0	0.00389	191.78821	76.35133
248.0	0.00403	191.80104	81.41437
266.0	0.00376	191.81387	86.70689

269.0	0.00372	191.82669	92.10278
274.0	0.00365	191.83952	97.42232
254.0	0.00394	191.85236	102.43123
267.0	0.00375	191.86519	106.85272
264.0	0.00379	191.87801	110.39616
276.0	0.00362	191.89084	112.80180
277.0	0.00361	191.90367	113.89170
268.0	0.00373	191.91649	113.61031
275.0	0.00364	191.92932	112.03861
290.0	0.003448	191.94215	109.37566
241.0	0.00415	191.95499	105.89538
262.0	0.00382	191.96780	101.89592
274.0	0.00365	191.98064	97.65679
271.0	0.00369	191.99347	93.41301
267.0	0.00375	192.00630	89.34536
270.0	0.00370	192.01912	85.58279
302.0	0.003311	192.03195	82.21111
272.0	0.00368	192.04478	79.28332
283.0	0.00353	192.05760	76.82963
229.0	0.00437	192.07043	74.86549
254.0	0.00394	192.08327	73.39799
256.0	0.00391	192.09610	72.43040
279.0	0.00358	192.10892	71.96561
255.0	0.00392	192.12175	72.00851
251.0	0.00398	192.13458	72.56780
247.0	0.00405	192.14742	73.65731
262.0	0.00382	192.16023	75.29679
281.0	0.00356	192.17307	77.51257
256.0	0.00391	192.18590	80.33778
277.0	0.00361	192.19873	83.81229
243.0	0.00412	192.21155	87.98227
277.0	0.00361	192.22438	92.89941
275.0	0.00364	192.23721	98.61108
296.0	0.003378	192.25005	105.19214
312.0	0.003205	192.26286	112.69118
272.0	0.00368	192.27570	121.16016
281.0	0.00356	192.28853	130.63956
331.0	0.003021	192.30136	141.14937
322.0	0.003106	192.31418	152.67609
326.0	0.003067	192.32701	165.15544
332.0	0.003012	192.33984	178.44946
342.0	0.002924	192.35268	192.32031
333.0	0.003003	192.36551	206.38840
332.0	0.003012	192.37833	220.17560
334.0	0.002994	192.39116	233.53104
393.0	0.002545	192.40399	244.67966
348.0	0.002874	192.41682	253.36499
370.0	0.002703	192.42964	258.92584
334.0	0.002994	192.44247	260.93698
370.0	0.002703	192.45531	259.30276
360.0	0.002778	192.46812	254.27359
333.0	0.003003	192.48096	246.37944
356.0	0.002809	192.49379	236.30663
376.0	0.002660	192.50662	224.76616

315.0	0.003175	192.51944	212.39229
308.0	0.003247	192.53227	199.69040
292.0	0.003425	192.54510	187.03033
337.0	0.002967	192.55792	174.66843
294.0	0.003401	192.57076	162.77989
337.0	0.002967	192.58359	151.48772
326.0	0.003067	192.59642	140.88094
290.0	0.003448	192.60924	131.02280
284.0	0.00352	192.62207	121.95286
290.0	0.003448	192.63490	113.68766
284.0	0.00352	192.64774	106.22229
295.0	0.003390	192.66055	99.53366
298.0	0.003356	192.67339	93.58475
267.0	0.00375	192.68622	88.32922
232.0	0.00431	192.69904	83.71562
288.0	0.003472	192.71187	79.69069
258.0	0.00388	192.72470	76.20202
238.0	0.00420	192.73753	73.19975
221.0	0.00452	192.75035	70.63785
268.0	0.00373	192.76318	68.47484
234.0	0.00427	192.77602	66.67407
264.0	0.00379	192.78883	65.20399
260.0	0.00385	192.80167	64.03804
282.0	0.00355	192.81450	63.15461
268.0	0.00373	192.82733	62.53692
274.0	0.00365	192.84015	62.17286
252.0	0.00397	192.85298	62.05494
289.0	0.003460	192.86581	62.18024
256.0	0.00391	192.87863	62.55035
260.0	0.00385	192.89146	63.17153
253.0	0.00395	192.90430	64.05471
293.0	0.003413	192.91713	65.21571
256.0	0.00391	192.92995	66.67536
246.0	0.00407	192.94278	68.45959
280.0	0.00357	192.95561	70.59966
270.0	0.00370	192.96844	73.13199
268.0	0.00373	192.98126	76.09826
271.0	0.00369	192.99409	79.54507
246.0	0.00407	193.00693	83.52348
309.0	0.003236	193.01974	88.08842
301.0	0.003322	193.03258	93.29756
288.0	0.003472	193.04541	99.20980
333.0	0.003003	193.05824	105.73861
345.0	0.002899	193.07106	113.22746
311.0	0.003215	193.08389	121.57593
338.0	0.002959	193.09673	130.81325
354.0	0.002825	193.10954	140.94325
332.0	0.003012	193.12238	151.93076
399.0	0.002506	193.13521	163.68347
366.0	0.002732	193.14804	176.02982
362.0	0.002762	193.16086	188.69408
447.0	0.002237	193.17369	201.27579
425.0	0.002353	193.18652	213.24130
437.0	0.002288	193.19936	223.94174

405.0	0.002469	193.21217	232.66869
425.0	0.002353	193.22501	238.75011
441.0	0.002268	193.23784	241.67070
423.0	0.002364	193.25067	241.18156
441.0	0.002268	193.26349	237.35831
439.0	0.002278	193.27632	230.58337
430.0	0.002326	193.28915	221.45966
414.0	0.002415	193.30199	210.69104
383.0	0.002611	193.31480	198.96959
382.0	0.002618	193.32764	186.89746
313.0	0.003195	193.34047	174.94943
344.0	0.002907	193.35330	163.46852
356.0	0.002809	193.36612	152.68166
370.0	0.002703	193.37895	142.72310
325.0	0.003077	193.39178	133.65848
336.0	0.002976	193.40462	125.50536
313.0	0.003195	193.41743	118.24928
313.0	0.003195	193.43027	112.83315
313.0	0.003195	193.44310	107.26078
249.0	0.00402	193.45593	102.45115
290.0	0.003448	193.46875	98.34916
248.0	0.00403	193.48158	94.90027
289.0	0.003460	193.49442	92.05225
266.0	0.00376	193.50725	89.75657
284.0	0.00352	193.52007	87.96915
304.0	0.003289	193.53290	86.65092
253.0	0.00395	193.54573	85.76801
240.0	0.00417	193.55856	85.29182
254.0	0.00394	193.57138	85.19878
312.0	0.003205	193.58421	85.47013
266.0	0.00376	193.59705	86.09125
290.0	0.003448	193.60988	87.48051
279.0	0.00358	193.62270	88.77330
291.0	0.003436	193.63553	90.38958
295.0	0.003390	193.64836	92.32247
268.0	0.00373	193.66118	94.56330
288.0	0.003472	193.67401	97.09919
270.0	0.00370	193.68684	100.07852
261.0	0.00383	193.69968	103.13831
253.0	0.00395	193.71249	106.40665
312.0	0.003205	193.72533	109.83562
258.0	0.00388	193.73816	113.37215
281.0	0.00356	193.75098	116.96688
230.0	0.00435	193.76381	119.94855
299.0	0.003344	193.77664	123.59023
277.0	0.00361	193.78947	127.28193
300.0	0.003333	193.80229	131.09439
283.0	0.00353	193.81512	135.13200
297.0	0.003367	193.82796	139.52200
318.0	0.003145	193.84077	144.40210
313.0	0.003195	193.85361	149.91078
296.0	0.003378	193.86644	156.18103
323.0	0.003096	193.87927	163.33810
319.0	0.003135	193.89209	171.49962

341.0	0.002933	193.90492	180.77652
365.0	0.002740	193.91776	191.27356
361.0	0.002770	193.93059	203.08864
311.0	0.003215	193.94341	216.30931
383.0	0.002611	193.95624	231.43004
410.0	0.002439	193.96907	247.65094
418.0	0.002392	193.98189	265.39600
414.0	0.002415	193.99472	284.60846
468.0	0.002137	194.00755	305.15250
466.0	0.002146	194.02039	326.79602
472.0	0.002119	194.03320	349.20825
535.0	0.001869	194.04604	371.97940
501.0	0.001996	194.05887	394.67508
558.0	0.001792	194.07169	416.92307
535.0	0.001869	194.08452	438.51675
544.0	0.001838	194.09735	459.50198
566.0	0.001767	194.11018	480.21213
589.0	0.001698	194.12300	501.23297
633.0	0.001580	194.13583	523.09131
713.0	0.001403	194.14867	546.99164
746.0	0.001340	194.16148	573.39191
751.0	0.001332	194.17432	602.76312
795.0	0.001258	194.18715	635.28436
884.0	0.001131	194.19998	670.76581
926.0	0.001080	194.21280	708.57532
1005.0	0.000995	194.22563	747.56982
1071.0	0.000934	194.23846	786.05530
1167.0	0.000857	194.25130	821.81213
1263.0	0.000792	194.26411	852.23572
1241.0	0.000806	194.27695	874.62360
1335.0	0.000749	194.28978	886.59271
1233.0	0.000811	194.30260	886.64288
1199.0	0.000834	194.31543	874.07440
1099.0	0.000910	194.32826	849.73413
1073.0	0.000932	194.34109	815.40564
963.0	0.001038	194.35391	773.52509
901.0	0.001110	194.36674	726.72974
854.0	0.001171	194.37958	677.48090
833.0	0.001200	194.39241	627.83380
785.0	0.001274	194.40523	579.35095
664.0	0.001506	194.41806	533.11920
623.0	0.001605	194.43089	489.82391
642.0	0.001558	194.44373	449.83887
529.0	0.001890	194.45654	413.31219
541.0	0.001848	194.46938	380.23602
496.0	0.002016	194.48221	349.80939
448.0	0.002232	194.49504	323.24603
472.0	0.002119	194.50786	299.64090
476.0	0.002101	194.52069	278.76672
426.0	0.002347	194.53352	260.39108
441.0	0.002268	194.54636	244.28525
403.0	0.002481	194.55917	230.23018
423.0	0.002364	194.57201	218.02034
397.0	0.002519	194.58484	207.46664

387.0	0.002584	194.59767	198.39792
374.0	0.002674	194.61049	190.66179
388.0	0.002577	194.62332	184.12512
357.0	0.002801	194.63615	178.67352
355.0	0.002817	194.64899	174.21111
357.0	0.002801	194.66180	170.65961
381.0	0.002625	194.67464	167.95767
367.0	0.002725	194.68747	166.06021
403.0	0.002481	194.70030	164.93747
390.0	0.002564	194.71312	164.57481
375.0	0.002667	194.72595	164.97224
374.0	0.002674	194.73878	166.14427
411.0	0.002433	194.75162	168.12013
395.0	0.002532	194.76443	170.94383
424.0	0.002358	194.77727	174.67459
393.0	0.002545	194.79010	179.38712
384.0	0.002604	194.80292	185.17181
412.0	0.002427	194.81575	192.13493
422.0	0.002370	194.82858	200.39835
454.0	0.002203	194.84142	210.09888
458.0	0.002183	194.85423	221.38727
457.0	0.002188	194.86707	234.42613
512.0	0.001953	194.87990	249.38737
520.0	0.001923	194.89273	266.44785
506.0	0.001976	194.90555	285.78360
579.0	0.001727	194.91838	307.56128
603.0	0.001658	194.93121	331.92581
662.0	0.001511	194.94403	358.83749
682.0	0.001466	194.95686	388.62653
676.0	0.001479	194.96970	421.08493
673.0	0.001486	194.98253	455.99973
715.0	0.001399	194.99535	492.94504
767.0	0.001304	195.00818	531.21082
718.0	0.001393	195.02101	569.73340
782.0	0.001279	195.03383	607.05243
793.0	0.001261	195.04666	641.32910
832.0	0.001202	195.05949	670.46106
836.0	0.001196	195.07233	692.31946
864.0	0.001157	195.08514	705.08453
816.0	0.001225	195.09798	707.60089
808.0	0.001238	195.11081	699.63159
820.0	0.001220	195.12363	681.91388
834.0	0.001199	195.13646	655.99115
827.0	0.001209	195.14929	623.88934
727.0	0.001376	195.16212	587.75928
718.0	0.001393	195.17494	549.58704
720.0	0.001389	195.18777	511.02106
623.0	0.001605	195.20061	473.31058
623.0	0.001605	195.21344	437.32635
610.0	0.001639	195.22626	403.62036
581.0	0.001721	195.23909	372.49774
581.0	0.001721	195.25192	344.08505
498.0	0.002008	195.26474	318.38501
535.0	0.001869	195.27757	295.31879

470.0	0.002128	195.29041	274.75681
473.0	0.002114	195.30324	256.53970
429.0	0.002331	195.31606	240.49304
437.0	0.002288	195.32889	226.43787
428.0	0.002336	195.34172	214.19748
416.0	0.002404	195.35454	203.60233
381.0	0.002625	195.36737	194.49329
390.0	0.002564	195.38020	186.72403
411.0	0.002433	195.39304	180.16208
372.0	0.002688	195.40585	174.69002
415.0	0.002410	195.41869	170.20547
349.0	0.002865	195.43152	166.62100
372.0	0.002688	195.44435	163.86386
376.0	0.002660	195.45717	161.87541
423.0	0.002364	195.47000	160.61063
397.0	0.002519	195.48283	160.03748
358.0	0.002793	195.49567	160.13654
404.0	0.002475	195.50848	160.90071
393.0	0.002545	195.52132	162.33516
415.0	0.002410	195.53415	164.45747
405.0	0.002469	195.54698	167.29797
407.0	0.002457	195.55980	170.90047
436.0	0.002294	195.57263	175.32289
454.0	0.002203	195.58546	180.63837
400.0	0.002500	195.59830	186.93616
421.0	0.002375	195.61111	194.32256
419.0	0.002387	195.62395	202.92195
467.0	0.002141	195.63678	212.87715
510.0	0.001961	195.64961	224.34991
470.0	0.002128	195.66243	237.52052
517.0	0.001934	195.67526	252.58691
503.0	0.001988	195.68810	269.76282
540.0	0.001852	195.70093	289.27505
582.0	0.001718	195.71375	311.35895
584.0	0.001712	195.72658	336.25235
629.0	0.001590	195.73941	364.18625
634.0	0.001577	195.75224	395.37155
691.0	0.001447	195.76506	429.98004
697.0	0.001435	195.77789	468.11606
663.0	0.001508	195.79073	509.77744
701.0	0.001427	195.80356	554.80066
714.0	0.001401	195.81638	602.78906
773.0	0.001294	195.82921	653.02582
714.0	0.001401	195.84204	704.37958
753.0	0.001328	195.85487	755.22620
814.0	0.001229	195.86769	803.42230
774.0	0.001292	195.88052	846.37982
802.0	0.001247	195.89336	881.28558
884.0	0.001131	195.90617	905.47290
860.0	0.001163	195.91901	916.88306
837.0	0.001195	195.93184	914.49097
913.0	0.001095	195.94467	898.53571
808.0	0.001238	195.95749	870.46576
846.0	0.001182	195.97032	832.62024

857.0	0.001167	195.98315	787.77368
906.0	0.001104	195.99597	738.69324
776.0	0.001289	196.00880	687.82220
751.0	0.001332	196.02164	637.82861
737.0	0.001357	196.03447	588.72961
686.0	0.001458	196.04729	542.20380
702.0	0.001425	196.06012	498.84134
644.0	0.001553	196.07295	458.94644
548.0	0.001825	196.08577	422.61887
599.0	0.001669	196.09860	389.81927
529.0	0.001890	196.11143	360.41858
570.0	0.001754	196.12427	334.23215
501.0	0.001996	196.13708	311.04477
483.0	0.002070	196.14992	290.55301
463.0	0.002160	196.16275	272.67520
488.0	0.002049	196.17558	257.11136
429.0	0.002331	196.18840	243.64827
446.0	0.002242	196.20123	232.08846
420.0	0.002381	196.21407	222.25323
441.0	0.002268	196.22688	213.98427
452.0	0.002212	196.23972	207.14490
418.0	0.002392	196.25255	201.62056
442.0	0.002262	196.26538	197.31903
418.0	0.002392	196.27820	194.17039
387.0	0.002584	196.29103	192.12640
437.0	0.002288	196.30385	191.16028
411.0	0.002433	196.31670	191.26596
428.0	0.002336	196.32951	192.45757
435.0	0.002299	196.34233	194.76855
468.0	0.002137	196.35518	198.25095
448.0	0.002232	196.36800	202.97443
436.0	0.002294	196.38084	209.02499
443.0	0.002257	196.39366	216.50356
466.0	0.002146	196.40648	225.52380
490.0	0.002041	196.41933	236.20982
477.0	0.002096	196.43214	248.69244
462.0	0.002165	196.44496	263.10455
529.0	0.001890	196.45781	279.57477
517.0	0.001934	196.47063	298.21750
540.0	0.001852	196.48346	319.12036
577.0	0.001733	196.49629	342.32449
635.0	0.001575	196.50911	367.79813
624.0	0.001603	196.52194	395.39996
629.0	0.001590	196.53477	424.83243
705.0	0.001418	196.54759	455.58582
674.0	0.001484	196.56044	486.88132
726.0	0.001377	196.57326	517.62787
750.0	0.001333	196.58609	546.41766
808.0	0.001238	196.59892	571.59229
836.0	0.001196	196.61174	591.39862
802.0	0.001247	196.62457	604.23663
770.0	0.001299	196.63741	608.94635
786.0	0.001272	196.65022	605.05029
865.0	0.001156	196.66306	592.86169



796.0	0.001256	196.67589	573.21002
746.0	0.001340	196.68872	548.02759
725.0	0.001379	196.70155	518.85071
653.0	0.001531	196.71437	487.36789
610.0	0.001639	196.72720	455.04092
642.0	0.001558	196.74004	423.02148
623.0	0.001605	196.75285	392.14355
553.0	0.001808	196.76569	362.96094
569.0	0.001757	196.77852	335.80276
492.0	0.002033	196.79135	310.81125
475.0	0.002105	196.80417	288.06717
488.0	0.002049	196.81700	267.51288
476.0	0.002101	196.82983	249.05823
467.0	0.002141	196.84265	232.58119
436.0	0.002294	196.85548	217.94199
398.0	0.002513	196.86832	204.99309
406.0	0.002463	196.88115	193.58582
397.0	0.002519	196.89398	183.57498
373.0	0.002681	196.90680	175.04723
408.0	0.002451	196.91963	167.42360
424.0	0.002358	196.93246	160.80862
373.0	0.002681	196.94528	155.09377
356.0	0.002809	196.95811	150.18178
397.0	0.002519	196.97095	145.98651
343.0	0.002915	196.98376	142.43265
403.0	0.002481	196.99661	139.45515
355.0	0.002817	197.00943	136.99841
385.0	0.002597	197.02226	135.01550
353.0	0.002833	197.03510	133.46738
332.0	0.003012	197.04791	132.32196
334.0	0.002994	197.06075	131.55342
303.0	0.003300	197.07358	131.14145
317.0	0.003155	197.08640	131.07068
348.0	0.002874	197.09924	131.33003
361.0	0.002770	197.11206	131.91246
336.0	0.002976	197.12488	132.81450
356.0	0.002809	197.13773	134.03609
376.0	0.002660	197.15054	135.58043
355.0	0.002817	197.16336	137.45390
349.0	0.002865	197.17621	139.66618
371.0	0.002695	197.18903	142.23035
347.0	0.002882	197.20187	145.16322
341.0	0.002933	197.21469	148.48557
363.0	0.002755	197.22751	152.22267
356.0	0.002809	197.24036	156.40512
389.0	0.002571	197.25317	161.06926
383.0	0.002611	197.26599	166.25832
393.0	0.002545	197.27884	172.02341
388.0	0.002577	197.29166	178.42496
393.0	0.002545	197.30447	185.53383
406.0	0.002463	197.31732	193.43307
404.0	0.002475	197.33014	202.21957
433.0	0.002309	197.34299	212.00568
430.0	0.002326	197.35580	222.92104

433.0	0.002309	197.36862	235.11409
451.0	0.002217	197.38147	248.75354
476.0	0.002101	197.39429	264.02957
541.0	0.001848	197.40710	281.71356
504.0	0.001984	197.41995	300.92468
518.0	0.001931	197.43277	322.47540
523.0	0.001912	197.44559	346.64227
527.0	0.001898	197.45844	373.71921
586.0	0.001706	197.47125	404.01340
644.0	0.001553	197.48407	437.65045
603.0	0.001658	197.49692	475.31982
682.0	0.001466	197.50974	517.12622
672.0	0.001488	197.52258	563.32599
770.0	0.001299	197.53540	614.10742
750.0	0.001333	197.54822	669.54663
857.0	0.001167	197.56107	729.54718
859.0	0.001164	197.57388	793.76117
982.0	0.001018	197.58670	861.49127
989.0	0.001011	197.59955	931.58557
1057.0	0.000946	197.61237	1002.34717
1089.0	0.000918	197.62520	1071.49915
1163.0	0.000860	197.63803	1136.25659
1193.0	0.000838	197.65085	1193.55688
1273.0	0.000786	197.66370	1240.45801
1289.0	0.000776	197.67651	1274.65173
1290.0	0.000775	197.68933	1294.94275
1335.0	0.000749	197.70218	1301.53577
1342.0	0.000745	197.71500	1296.00061
1337.0	0.000748	197.72783	1280.92810
1345.0	0.000743	197.74066	1259.40100
1311.0	0.000763	197.75348	1234.44312
1300.0	0.000769	197.76631	1208.58862
1302.0	0.000768	197.77914	1183.61804
1371.0	0.000729	197.79198	1160.45886
1407.0	0.000711	197.80479	1139.21912
1394.0	0.000717	197.81763	1119.32141
1297.0	0.000771	197.83046	1099.72009
1323.0	0.000756	197.84329	1079.17590
1309.0	0.000764	197.85611	1056.54614
1263.0	0.000792	197.86894	1031.02368
1247.0	0.000802	197.88177	1002.26617
1239.0	0.000807	197.89461	970.38934
1187.0	0.000842	197.90742	935.85852
1140.0	0.000877	197.92026	899.34546
1090.0	0.000917	197.93309	861.61737
1092.0	0.000916	197.94591	823.88104
1027.0	0.000974	197.95874	786.15887
973.0	0.001028	197.97157	749.68048
957.0	0.001045	197.98441	715.25293
901.0	0.001110	197.99724	683.61511
961.0	0.001041	198.01006	655.38562
887.0	0.001127	198.02289	631.09088
896.0	0.001116	198.03572	611.05469
906.0	0.001104	198.04854	595.47168

877.0	0.001140	198.06137	584.39899
928.0	0.001078	198.07420	577.76349
967.0	0.001034	198.08702	575.36011
1024.0	0.000977	198.09987	576.83807
1032.0	0.000969	198.11269	581.67480
1079.0	0.000927	198.12550	589.14386
1041.0	0.000961	198.13835	598.28333
1001.0	0.000999	198.15117	607.88782
1094.0	0.000914	198.16400	616.54358
1024.0	0.000977	198.17683	622.72852
1005.0	0.000995	198.18965	624.98480
1014.0	0.000986	198.20250	622.13733
903.0	0.001107	198.21532	613.50146
863.0	0.001159	198.22813	599.00928
843.0	0.001186	198.24098	579.20270
823.0	0.001215	198.25380	555.09827
821.0	0.001218	198.26662	527.97467
800.0	0.001250	198.27946	499.15631
815.0	0.001227	198.29228	469.84644
693.0	0.001443	198.30513	441.03305
668.0	0.001497	198.31795	413.28946
710.0	0.001408	198.33076	387.47870
653.0	0.001531	198.34361	363.75601
650.0	0.001538	198.35643	342.30353
610.0	0.001639	198.36925	323.19592
623.0	0.001605	198.38210	306.43195
530.0	0.001887	198.39491	291.95651
579.0	0.001727	198.40773	279.67551
529.0	0.001890	198.42058	269.46295
539.0	0.001855	198.43340	261.16284
539.0	0.001855	198.44621	254.58606
530.0	0.001887	198.45906	249.74362
533.0	0.001876	198.47188	245.88051
484.0	0.002066	198.48473	242.90465
502.0	0.001992	198.49754	240.43143
484.0	0.002066	198.51036	238.03580
448.0	0.002232	198.52321	235.28195
519.0	0.001927	198.53603	231.03258
483.0	0.002070	198.54884	226.46048
508.0	0.001969	198.56169	220.65428
472.0	0.002119	198.57451	213.60648
459.0	0.002179	198.58733	205.45914
436.0	0.002294	198.60017	196.46257
439.0	0.002278	198.61299	186.92010
391.0	0.002558	198.62584	177.13567
382.0	0.002618	198.63866	167.37680
353.0	0.002833	198.65147	157.85564
351.0	0.002849	198.66432	148.72525
333.0	0.003003	198.67714	140.08510
325.0	0.003077	198.68996	131.99124
344.0	0.002907	198.70280	124.46702
304.0	0.003289	198.71562	117.51241
312.0	0.003205	198.72845	111.11169
337.0	0.002967	198.74129	105.29195

310.0	0.003226	198.75410	99.91588
286.0	0.003497	198.76694	95.00112
280.0	0.00357	198.77977	90.51147
293.0	0.003413	198.79259	87.27637
331.0	0.003021	198.80544	83.53400
276.0	0.00362	198.81825	80.11202
293.0	0.003413	198.83109	76.97896
287.0	0.003484	198.84392	74.52631
299.0	0.003344	198.85674	71.88798
280.0	0.00357	198.86957	69.45818
271.0	0.00369	198.88240	67.21499
251.0	0.00398	198.89522	65.13878
258.0	0.00388	198.90805	63.21213
255.0	0.00392	198.92088	61.41969
267.0	0.00375	198.93372	59.74795
285.0	0.00351	198.94655	58.32982
257.0	0.00389	198.95937	56.86620
259.0	0.00386	198.97220	55.49207
254.0	0.00394	198.98503	54.25098
243.0	0.00412	198.99785	53.03335
258.0	0.00388	199.01068	51.88428
265.0	0.00377	199.02351	50.79844
254.0	0.00394	199.03635	49.77105
215.0	0.00465	199.04916	48.79794
246.0	0.00407	199.06200	47.87533
285.0	0.00351	199.07483	46.99986
277.0	0.00361	199.08765	46.16846
265.0	0.00377	199.10048	45.37842
266.0	0.00376	199.11331	44.62721
252.0	0.00397	199.12614	43.91259
246.0	0.00407	199.13898	43.23247
267.0	0.00375	199.15179	42.58493
230.0	0.00435	199.16463	41.96825
256.0	0.00391	199.17746	41.38081
256.0	0.00391	199.19028	40.82113
292.0	0.003425	199.20311	40.28783
260.0	0.00385	199.21594	39.77968
252.0	0.00397	199.22876	39.29549
266.0	0.00376	199.24161	38.83414
269.0	0.00372	199.25443	38.39469
234.0	0.00427	199.26726	37.97617
252.0	0.00397	199.28009	37.57772
242.0	0.00413	199.29291	37.19855
260.0	0.00385	199.30574	36.83789
271.0	0.00369	199.31857	36.49505
212.0	0.00472	199.33139	35.56297
226.0	0.00442	199.34424	35.25754
254.0	0.00394	199.35706	34.96808
243.0	0.00412	199.36987	34.69409
262.0	0.00382	199.38272	34.43508
231.0	0.00433	199.39554	34.19058
276.0	0.00362	199.40836	33.96021
205.0	0.00488	199.42120	33.74355
246.0	0.00407	199.43402	33.54026

249.0	0.00402	199.44687	33.35001
260.0	0.00385	199.45969	33.17249
258.0	0.00388	199.47250	33.00743
238.0	0.00420	199.48535	32.85454
250.0	0.00400	199.49817	32.71362
209.0	0.00478	199.51099	32.58443
245.0	0.00408	199.52383	32.46680
230.0	0.00435	199.53665	32.36052
227.0	0.00441	199.54947	32.26546
241.0	0.00415	199.56232	32.18148
218.0	0.00459	199.59473	32.10844
258.0	0.00388	199.65660	32.04626
261.0	0.00383	199.71840	31.99484
253.0	0.00395	199.78018	31.95411
249.0	0.00402	199.84206	31.92402
227.0	0.00441	199.90385	31.90452
255.0	0.00392	199.96564	31.89560
252.0	0.00397	200.02753	31.89725
253.0	0.00395	200.08931	31.90947
226.0	0.00442	200.15109	31.93229
202.0	0.00495	200.21298	31.96576
259.0	0.00386	200.27477	32.00992
252.0	0.00397	200.33655	32.06485
229.0	0.00437	200.39844	32.13062
217.0	0.00461	200.46022	32.20736
258.0	0.00388	200.52211	32.29517
274.0	0.00365	200.58389	32.39421
241.0	0.00415	200.64568	32.50462
258.0	0.00388	200.70757	32.62657
228.0	0.00439	200.76935	32.76027
237.0	0.00422	200.83115	32.90592
225.0	0.00444	200.89302	33.06376
229.0	0.00437	200.95480	33.23404
281.0	0.00356	201.01660	33.41702
237.0	0.00422	201.07848	33.61303
279.0	0.00358	201.14027	33.82237
254.0	0.00394	201.20215	34.04540
252.0	0.00397	201.26393	34.28249
237.0	0.00422	201.32573	34.53404
279.0	0.00358	201.38760	34.80050
243.0	0.00412	201.44940	35.08231
263.0	0.00380	201.51118	35.37997
269.0	0.00372	201.57306	35.69402
252.0	0.00397	201.63486	36.02503
246.0	0.00407	201.69664	36.37360
256.0	0.00391	201.75853	36.74040
256.0	0.00391	201.82031	37.12611
239.0	0.00418	201.88210	37.53149
228.0	0.00439	201.94398	37.95732
235.0	0.00426	202.00577	38.40445
252.0	0.00397	202.06766	38.87381
249.0	0.00402	202.12944	39.36637
195.0	0.00513	202.19122	39.88316
272.0	0.00368	202.25311	40.42531

253.0	0.00395	202.31490	40.99401
275.0	0.00364	202.37668	41.59056
285.0	0.00351	202.43857	41.40440
270.0	0.00370	202.50035	42.06573
218.0	0.00459	202.56215	42.75929
259.0	0.00386	202.62402	43.48679
265.0	0.00377	202.68582	44.25006
245.0	0.00408	202.74770	45.05107
268.0	0.00373	202.80948	45.89193
249.0	0.00402	202.87128	46.77494
261.0	0.00383	202.93315	47.70258
260.0	0.00385	202.99495	48.67748
262.0	0.00382	203.05673	49.70255
251.0	0.00398	203.11861	50.78091
277.0	0.00361	203.18040	51.91590
266.0	0.00376	203.24219	53.15087
233.0	0.00429	203.30408	54.91220
272.0	0.00368	203.36586	56.24318
293.0	0.003413	203.42764	57.64751
277.0	0.00361	203.48953	59.13027
286.0	0.003497	203.55132	60.69709
276.0	0.00362	203.61320	62.35404
277.0	0.00361	203.67499	64.10786
301.0	0.003322	203.73677	65.96585
262.0	0.00382	203.79866	67.93610
282.0	0.00355	203.86044	70.02752
286.0	0.003497	203.92223	72.24991
324.0	0.003086	203.98412	74.61419
257.0	0.00389	204.04590	77.13244
286.0	0.003497	204.10770	79.81818
321.0	0.003115	204.16957	82.68658
298.0	0.003356	204.23135	85.75468
279.0	0.00358	204.29324	89.04177
335.0	0.002985	204.35503	92.56974
324.0	0.003086	204.41682	96.36368
307.0	0.003257	204.47870	100.45229
345.0	0.002899	204.54048	104.86869
349.0	0.002865	204.60228	109.65112
352.0	0.002841	204.66415	114.84406
341.0	0.002933	204.72595	120.49905
347.0	0.002882	204.78773	126.67600
344.0	0.002907	204.84961	133.44455
379.0	0.002639	204.91141	140.88530
366.0	0.002732	204.97319	149.09138
417.0	0.002398	205.03508	158.16982
361.0	0.002770	205.09686	168.24284
414.0	0.002415	205.15874	179.44914
422.0	0.002370	205.22054	191.94469
454.0	0.002203	205.28232	205.90356
460.0	0.002174	205.34421	221.51758
490.0	0.002041	205.40599	238.99617
539.0	0.001855	205.46777	258.56494
549.0	0.001821	205.52966	280.46329
520.0	0.001923	205.59145	304.94119

614.0	0.001629	205.65323	332.25360
687.0	0.001456	205.71512	362.65353
669.0	0.001495	205.77690	396.38077
726.0	0.001377	205.83879	433.64713
719.0	0.001391	205.90057	474.09943
800.0	0.001250	205.96236	518.84912
798.0	0.001253	206.02425	567.33270
838.0	0.001193	206.08603	619.31946
854.0	0.001171	206.14783	674.31860
937.0	0.001067	206.20970	731.48901
938.0	0.001066	206.27148	789.54846
1028.0	0.000973	206.33328	846.70172
1113.0	0.000898	206.39516	900.62592
1016.0	0.000984	206.45695	948.56134
1107.0	0.000903	206.51874	987.54449
1021.0	0.000979	206.58061	1014.78302
1135.0	0.000881	206.64241	1028.11865
1111.0	0.000900	206.70428	1026.44421
1087.0	0.000920	206.76608	1009.94122
1110.0	0.000901	206.82787	980.03845
1090.0	0.000917	206.88974	939.11615
1036.0	0.000965	206.95154	890.05798
1014.0	0.000986	207.01332	835.80542
956.0	0.001046	207.07521	779.01636
880.0	0.001136	207.13699	721.87427
849.0	0.001178	207.19878	666.03101
772.0	0.001295	207.26067	612.64093
684.0	0.001462	207.32245	562.44153
675.0	0.001481	207.38434	515.84558
635.0	0.001575	207.44612	473.02802
601.0	0.001664	207.50790	433.99713
563.0	0.001776	207.56979	398.64911
579.0	0.001727	207.63158	366.80817
547.0	0.001828	207.69337	338.25513
479.0	0.002088	207.75525	312.74750
442.0	0.002262	207.81703	290.03311
430.0	0.002326	207.87883	269.86041
466.0	0.002146	207.94070	251.98460
467.0	0.002141	208.00250	236.17281
407.0	0.002457	208.06429	222.20694
404.0	0.002475	208.12616	209.88582
391.0	0.002558	208.18796	199.07027
388.0	0.002577	208.24983	189.50752
351.0	0.002849	208.31163	181.09494
348.0	0.002874	208.37341	173.70358
368.0	0.002717	208.43529	167.22108
361.0	0.002770	208.49709	161.55077
351.0	0.002849	208.55887	156.61021
380.0	0.002632	208.62076	152.32994
326.0	0.003067	208.68254	148.65227
367.0	0.002725	208.74432	145.53000
345.0	0.002899	208.80621	142.92552
340.0	0.002941	208.86800	140.80986
361.0	0.002770	208.92989	139.16194

365.0	0.002740	208.99167	137.96800
380.0	0.002632	209.05345	137.22131
344.0	0.002907	209.11534	136.92191
353.0	0.002833	209.17712	137.07640
410.0	0.002439	209.23891	137.69801
347.0	0.002882	209.30080	138.80666
363.0	0.002755	209.36258	140.42906
360.0	0.002778	209.42438	142.76756
347.0	0.002882	209.48625	145.52547
358.0	0.002793	209.54803	148.91811
369.0	0.002710	209.60983	152.99916
403.0	0.002481	209.67171	157.82878
384.0	0.002604	209.73351	163.47264
452.0	0.002212	209.79538	170.00122
420.0	0.002381	209.85716	177.48848
373.0	0.002681	209.91896	186.00993
400.0	0.002500	209.98083	195.64018
417.0	0.002398	210.04263	206.44884
435.0	0.002299	210.10442	218.49551
406.0	0.002463	210.16629	231.82182
449.0	0.002227	210.22809	246.44102
447.0	0.002237	210.28987	262.32251
415.0	0.002410	210.35176	279.37271
439.0	0.002278	210.41354	297.40997
426.0	0.002347	210.47542	316.13669
446.0	0.002242	210.53722	335.11304
480.0	0.002083	210.59900	353.73849
476.0	0.002101	210.66089	371.25763
457.0	0.002188	210.72267	386.79947
475.0	0.002105	210.78445	399.46362
471.0	0.002123	210.84634	408.44589
521.0	0.001919	210.90813	412.19592
511.0	0.001957	210.96991	412.47156
590.0	0.001695	211.03180	408.47131
479.0	0.002088	211.09358	400.74832
483.0	0.002070	211.15538	390.11346
543.0	0.001842	211.21725	377.49634
518.0	0.001931	211.27904	363.81583
543.0	0.001842	211.34093	349.88895
495.0	0.002020	211.40271	336.38525
456.0	0.002193	211.46451	323.81863
525.0	0.001905	211.52638	312.56387
534.0	0.001873	211.58817	302.88348
520.0	0.001923	211.64996	294.95694
518.0	0.001931	211.71184	288.47461
543.0	0.001842	211.77364	284.39252
511.0	0.001957	211.83542	282.34430
541.0	0.001848	211.89731	282.39258
520.0	0.001923	211.95909	284.60147
498.0	0.002008	212.02097	289.04251
521.0	0.001919	212.08276	295.79797
554.0	0.001805	212.14455	304.79398
563.0	0.001776	212.20644	316.47614
604.0	0.001656	212.26822	330.79318



623.0	0.001605	212.33000	347.91293
662.0	0.001511	212.39189	367.88217
595.0	0.001681	212.45367	390.86584
645.0	0.001550	212.51546	416.97098
685.0	0.001460	212.57735	446.27032
727.0	0.001376	212.63913	478.77841
784.0	0.001276	212.70093	514.41760
859.0	0.001164	212.76280	552.97284
821.0	0.001218	212.82458	594.03497
922.0	0.001085	212.88647	636.93237
999.0	0.001001	212.94826	680.66431
1008.0	0.000992	213.01006	723.84772
1067.0	0.000937	213.07193	764.70990
1115.0	0.000897	213.13371	801.15765
1157.0	0.000864	213.19551	830.95251
1169.0	0.000855	213.25739	851.99152
1163.0	0.000860	213.31918	862.64856
1153.0	0.000867	213.38097	862.08459
1173.0	0.000853	213.44284	849.99866
1064.0	0.000940	213.50464	828.30597
1044.0	0.000958	213.56651	798.35956
967.0	0.001034	213.62831	762.33240
970.0	0.001031	213.69009	722.45496
905.0	0.001105	213.75197	680.75940
872.0	0.001147	213.81377	638.93213
834.0	0.001199	213.87555	598.26544
691.0	0.001447	213.93744	559.68158
733.0	0.001364	213.99922	523.78900
657.0	0.001522	214.06100	490.95325
658.0	0.001520	214.12289	461.36179
659.0	0.001517	214.18468	435.07877
630.0	0.001587	214.24646	412.08798
605.0	0.001653	214.30835	392.32385
612.0	0.001634	214.37013	375.69489
577.0	0.001733	214.43202	362.09906
570.0	0.001754	214.49380	351.43558
548.0	0.001825	214.55559	343.61227
525.0	0.001905	214.61748	338.55090
547.0	0.001828	214.67926	336.19009
519.0	0.001927	214.74106	336.48697
517.0	0.001934	214.80293	339.49979
529.0	0.001890	214.86472	345.05630
495.0	0.002020	214.92651	353.24527
574.0	0.001742	214.98839	364.08243
601.0	0.001664	215.05019	377.58493
545.0	0.001835	215.11206	393.65341
561.0	0.001783	215.17384	412.48737
550.0	0.001818	215.23564	433.91721
611.0	0.001637	215.29752	457.80829
607.0	0.001647	215.35931	483.91547
604.0	0.001656	215.42110	511.83856
610.0	0.001639	215.48297	540.97321
684.0	0.001462	215.54477	570.46637
654.0	0.001529	215.60655	599.19128

681.0	0.001468	215.66844	625.76453
732.0	0.001366	215.73022	648.62897
677.0	0.001477	215.79201	666.21313
678.0	0.001475	215.85390	677.15356
671.0	0.001490	215.91568	680.53412
723.0	0.001383	215.97757	676.06696
685.0	0.001460	216.03935	664.15259
733.0	0.001364	216.10114	645.79565
677.0	0.001477	216.16302	622.40735
598.0	0.001672	216.22481	595.56451
645.0	0.001550	216.28659	566.79547
596.0	0.001678	216.34848	537.43378
595.0	0.001681	216.41026	508.54843
559.0	0.001789	216.47206	480.93463
562.0	0.001779	216.53394	455.14349
523.0	0.001912	216.59572	431.52866
496.0	0.002016	216.65761	410.29376
490.0	0.002041	216.71939	391.53583
465.0	0.002151	216.78119	375.27979
429.0	0.002331	216.84306	361.50470
489.0	0.002045	216.90486	350.16306
477.0	0.002096	216.96664	341.73148
457.0	0.002188	217.02852	335.07544
492.0	0.002033	217.09032	330.66867
501.0	0.001996	217.15210	328.45856
474.0	0.002110	217.21399	328.40280
542.0	0.001845	217.27577	330.47110
517.0	0.001934	217.33755	334.64539
507.0	0.001972	217.39944	340.91898
563.0	0.001776	217.46123	349.29465
578.0	0.001730	217.52312	359.78113
551.0	0.001815	217.58490	372.38730
543.0	0.001842	217.64668	387.11456
637.0	0.001570	217.70857	403.94507
660.0	0.001515	217.77036	422.82629
744.0	0.001344	217.83214	443.65012
688.0	0.001453	217.89403	466.22839
760.0	0.001316	217.95581	490.26529
762.0	0.001312	218.01761	515.33185
832.0	0.001202	218.07948	540.85266
918.0	0.001089	218.14127	566.11639
933.0	0.001072	218.20316	590.32458
965.0	0.001036	218.26494	612.68268
1025.0	0.000976	218.32674	632.53430
1015.0	0.000985	218.38861	649.50000
1065.0	0.000939	218.45039	663.59027
1017.0	0.000983	218.51219	675.24615
1064.0	0.000940	218.57407	685.29712
1066.0	0.000938	218.63586	694.84845
1063.0	0.000941	218.69765	705.14124
1087.0	0.000920	218.75952	717.42426
1134.0	0.000882	218.82132	732.86224
1032.0	0.000969	218.88310	752.48767
1103.0	0.000907	218.94499	777.18744

1084.0	0.000923	219.00677	808.32178
1134.0	0.000882	219.06865	845.28802
1178.0	0.000849	219.13045	889.19879
1204.0	0.000831	219.19223	940.43579
1233.0	0.000811	219.25412	999.24323
1336.0	0.000749	219.31590	1065.68994
1361.0	0.000735	219.37769	1139.61475
1388.0	0.000720	219.43958	1220.54724
1425.0	0.000702	219.50136	1307.61292
1560.0	0.000641	219.56314	1399.43103
1565.0	0.000639	219.62503	1494.01855
1520.0	0.000658	219.68681	1588.73364
1619.0	0.000618	219.74870	1680.29504
1856.0	0.000539	219.81049	1764.91614
1802.0	0.000555	219.87227	1838.58679
1855.0	0.000539	219.93416	1897.48193
1890.0	0.000529	219.99594	1938.43921
1877.0	0.000533	220.05774	1959.37903
1868.0	0.000535	220.11961	1959.56372
1999.0	0.000500	220.18140	1939.62830
2002.0	0.000500	220.24319	1901.40686
1984.0	0.000504	220.30507	1847.61719
2103.0	0.000476	220.36687	1781.48315
2021.0	0.000495	220.42865	1706.35132
1842.0	0.000543	220.49052	1625.34778
1748.0	0.000572	220.55232	1541.12415
1650.0	0.000606	220.61420	1455.72180
1659.0	0.000603	220.67599	1370.56604
1473.0	0.000679	220.73778	1286.57288
1387.0	0.000721	220.79965	1204.31836
1298.0	0.000770	220.86145	1124.21143
1272.0	0.000786	220.92323	1046.62537
1239.0	0.000807	220.98512	971.96069
1169.0	0.000855	221.04691	900.64337
1132.0	0.000883	221.10869	833.08405
964.0	0.001037	221.17058	769.62537
924.0	0.001082	221.23236	710.50293
869.0	0.001151	221.29425	655.82709
838.0	0.001193	221.35603	605.58582
770.0	0.001299	221.41782	559.66309
750.0	0.001333	221.47971	517.86279
736.0	0.001359	221.54149	479.93494
631.0	0.001585	221.60329	445.59796
678.0	0.001475	221.66516	414.55707
654.0	0.001529	221.72694	386.51779
586.0	0.001706	221.78874	361.19479
566.0	0.001767	221.85062	338.42343
541.0	0.001848	221.91241	317.74362
502.0	0.001992	221.97420	299.02942
494.0	0.002024	222.03607	282.68823
469.0	0.002132	222.09787	267.30048
462.0	0.002165	222.15974	253.31039
421.0	0.002375	222.22154	240.56677
405.0	0.002469	222.28333	228.93530

424.0	0.002358	222.34520	218.29691
422.0	0.002370	222.40700	208.54671
400.0	0.002500	222.46878	199.59216
399.0	0.002506	222.53067	191.35196
390.0	0.002564	222.59245	183.75473
368.0	0.002717	222.65424	176.73788
359.0	0.002786	222.71613	170.24637
347.0	0.002882	222.77791	164.23212
356.0	0.002809	222.83980	158.65276
380.0	0.002632	222.90158	153.47110
329.0	0.003040	222.96336	148.65439
331.0	0.003021	223.02525	144.17371
376.0	0.002660	223.08704	140.00354
338.0	0.002959	223.14882	136.12122
304.0	0.003289	223.21071	132.50668
297.0	0.003367	223.27249	129.14204
354.0	0.002825	223.33429	126.01142
348.0	0.002874	223.39616	123.10064
311.0	0.003215	223.45795	120.39706
327.0	0.003058	223.51974	117.88940
283.0	0.00353	223.58162	115.56766
313.0	0.003195	223.64342	113.42290
311.0	0.003215	223.70529	111.44728
258.0	0.00388	223.76707	109.63387
282.0	0.00355	223.82887	107.97656
310.0	0.003226	223.89075	106.71102
329.0	0.003040	223.95255	105.35231
303.0	0.003300	224.01433	104.38541
287.0	0.003484	224.07620	103.31048
304.0	0.003289	224.13800	102.37303
316.0	0.003165	224.19978	101.57139
268.0	0.00373	224.26167	100.90462
310.0	0.003226	224.32346	100.37245
325.0	0.003077	224.38533	99.97533
306.0	0.003268	224.44713	99.71439
317.0	0.003155	224.50891	99.59145
312.0	0.003205	224.57080	99.60921
282.0	0.00355	224.63258	99.77116
284.0	0.00352	224.69437	100.08163
316.0	0.003165	224.75626	100.54601
296.0	0.003378	224.81804	101.17075
348.0	0.002874	224.87982	101.96348
307.0	0.003257	224.94171	102.93324
347.0	0.002882	225.00349	104.09067
295.0	0.003390	225.06529	105.44816
313.0	0.003195	225.12717	107.02026
331.0	0.003021	225.18895	108.82391
337.0	0.002967	225.25084	110.87897
350.0	0.002857	225.31262	113.76184
326.0	0.003067	225.37442	116.39609
356.0	0.002809	225.43629	119.36382
324.0	0.003086	225.49808	122.82573
340.0	0.002941	225.55988	126.57799
382.0	0.002618	225.62175	130.79379

380.0	0.002632	225.68355	135.53105
391.0	0.002558	225.74533	140.85622
370.0	0.002703	225.80721	146.84572
405.0	0.002469	225.86900	153.58601
413.0	0.002421	225.93088	161.17480
420.0	0.002381	225.99268	169.72131
377.0	0.002653	226.05446	179.34641
443.0	0.002257	226.11635	190.18256
512.0	0.001953	226.17813	202.37323
488.0	0.002049	226.23991	216.07181
493.0	0.002028	226.30180	231.43990
537.0	0.001862	226.36359	248.64458
527.0	0.001898	226.42537	267.85471
617.0	0.001621	226.48726	289.23578
661.0	0.001513	226.54904	312.94211
645.0	0.001550	226.61084	339.10577
693.0	0.001443	226.67271	367.82166
698.0	0.001433	226.73450	399.12573
739.0	0.001353	226.79639	432.96509
789.0	0.001267	226.85817	469.15918
816.0	0.001225	226.91997	507.34943
947.0	0.001056	226.98184	546.94281
909.0	0.001100	227.04362	587.05426
963.0	0.001038	227.10542	625.46649
1053.0	0.000950	227.16730	662.62054
1074.0	0.000931	227.22910	695.67407
1080.0	0.000926	227.29088	722.65802
1099.0	0.000910	227.35275	741.71008
1140.0	0.000877	227.41455	751.36499
1120.0	0.000893	227.47643	750.82269
1128.0	0.000887	227.53822	740.35541
1162.0	0.000861	227.60001	720.32104
1032.0	0.000969	227.66188	692.46222
999.0	0.001001	227.72368	658.65564
911.0	0.001098	227.78546	620.86890
932.0	0.001073	227.84735	580.92657
844.0	0.001185	227.90913	540.36749
773.0	0.001294	227.97092	500.38965
770.0	0.001299	228.03281	461.85818
702.0	0.001425	228.09459	425.34900
639.0	0.001565	228.15637	391.20740
667.0	0.001499	228.21826	359.60443
652.0	0.001534	228.28004	330.58582
552.0	0.001812	228.34193	304.11069
564.0	0.001773	228.40372	280.08096
498.0	0.002008	228.46550	258.36237
490.0	0.002041	228.52739	238.79922
479.0	0.002088	228.58917	221.22546
472.0	0.002119	228.65097	205.47163
440.0	0.002273	228.71284	191.37062
450.0	0.002222	228.77463	178.76094
467.0	0.002141	228.83643	167.48941
442.0	0.002262	228.89830	157.41286
368.0	0.002717	228.96010	148.39908

379.0	0.002639	229.02197	140.32770
382.0	0.002618	229.08376	133.08975
397.0	0.002519	229.14555	126.65229
386.0	0.002591	229.20743	120.80067
364.0	0.002747	229.26923	115.52290
317.0	0.003155	229.33101	110.75258
377.0	0.002653	229.39288	106.43197
325.0	0.003077	229.45468	102.51114
324.0	0.003086	229.51646	98.94700
303.0	0.003300	229.57835	95.70262
277.0	0.00361	229.64014	92.74626
310.0	0.003226	229.70192	90.05072
355.0	0.002817	229.76381	87.59277
296.0	0.003378	229.82559	85.35246
302.0	0.003311	229.88748	83.31281
324.0	0.003086	229.94926	81.45929
358.0	0.002793	230.01105	79.77955
302.0	0.003311	230.07294	78.26309
307.0	0.003257	230.13472	76.90125
317.0	0.003155	230.19650	75.68671
344.0	0.002907	230.25839	74.61369
315.0	0.003175	230.32018	73.67767
258.0	0.00388	230.38197	72.87544
338.0	0.002959	230.44385	72.20501
275.0	0.00364	230.50563	71.66566
295.0	0.003390	230.56752	71.25787
330.0	0.003030	230.62930	70.98340
323.0	0.003096	230.69110	70.84538
343.0	0.002915	230.75298	70.84826
319.0	0.003135	230.81477	70.99785
288.0	0.003472	230.87656	71.30147
265.0	0.00377	230.93843	71.76783
340.0	0.002941	231.00023	72.40716
275.0	0.00364	231.06201	73.23116
293.0	0.003413	231.12390	74.25294
308.0	0.003247	231.18568	75.48705
259.0	0.00386	231.24747	76.99656
318.0	0.003145	231.30936	78.70415
286.0	0.003497	231.37114	80.67462
325.0	0.003077	231.43303	82.92628
301.0	0.003322	231.49481	85.47739
322.0	0.003106	231.55659	88.34529
310.0	0.003226	231.61848	91.54518
349.0	0.002865	231.68027	95.08836
306.0	0.003268	231.74205	98.97974
327.0	0.003058	231.80394	103.21468
348.0	0.002874	231.86572	107.77498
331.0	0.003021	231.92752	112.62460
341.0	0.002933	231.98940	117.70565
344.0	0.002907	232.05118	122.93655
378.0	0.002646	232.11307	128.21359
379.0	0.002639	232.17485	133.41914
357.0	0.002801	232.23665	138.43640
371.0	0.002695	232.29852	143.17032

391.0	0.002558	232.36031	147.57027
362.0	0.002762	232.42210	151.64767
379.0	0.002639	232.48398	155.48303
372.0	0.002688	232.54578	159.21806
392.0	0.002551	232.60756	163.03743
419.0	0.002387	232.66943	167.14372
387.0	0.002584	232.73123	171.73329
451.0	0.002217	232.79301	176.97691
463.0	0.002160	232.85490	183.00558
430.0	0.002326	232.91669	189.90126
423.0	0.002364	232.97856	197.68776
430.0	0.002326	233.04036	206.32202
481.0	0.002079	233.10214	215.68224
498.0	0.002008	233.16403	225.55493
460.0	0.002174	233.22581	235.62283
518.0	0.001931	233.28760	245.45966
524.0	0.001908	233.34949	254.54016
507.0	0.001972	233.41127	262.27133
547.0	0.001828	233.47305	268.05234
503.0	0.001988	233.53494	271.35510
536.0	0.001866	233.59673	271.81174
516.0	0.001938	233.65862	269.28207
497.0	0.002012	233.72040	263.88034
478.0	0.002092	233.78218	255.94934
478.0	0.002092	233.84407	245.99312
467.0	0.002141	233.90585	234.59067
442.0	0.002262	233.96765	222.31526
445.0	0.002247	234.02953	209.67668
427.0	0.002342	234.09131	197.09007
381.0	0.002625	234.15311	184.86890
395.0	0.002532	234.21498	173.23225
407.0	0.002457	234.27678	162.32054
389.0	0.002571	234.33856	152.32890
342.0	0.002924	234.40044	143.05992
361.0	0.002770	234.46223	134.63107
346.0	0.002890	234.52411	127.02296
318.0	0.003145	234.58591	120.20251
343.0	0.002915	234.64769	114.32624
333.0	0.003003	234.70956	108.95387
335.0	0.002985	234.77136	104.23524
328.0	0.003049	234.83315	100.12396
290.0	0.003448	234.89503	96.57558
340.0	0.002941	234.95682	93.54858
291.0	0.003436	235.01860	91.00512
311.0	0.003215	235.08049	88.68598
296.0	0.003378	235.14227	87.01355
275.0	0.00364	235.20416	85.73620
313.0	0.003195	235.26595	84.83306
290.0	0.003448	235.32773	84.28732
310.0	0.003226	235.38962	84.08586
294.0	0.003401	235.45140	84.21879
295.0	0.003390	235.51318	84.67878
319.0	0.003135	235.57507	85.46027
280.0	0.00357	235.63686	86.55836

291.0	0.003436	235.69865	87.96752
273.0	0.00366	235.76053	89.67973
298.0	0.003356	235.82233	91.68216
302.0	0.003311	235.88411	93.95412
273.0	0.00366	235.94598	96.46346
287.0	0.003484	236.00778	99.16219
274.0	0.00365	236.06966	101.98251
305.0	0.003279	236.13145	104.83337
314.0	0.003185	236.19324	107.60018
292.0	0.003425	236.25511	110.14861
274.0	0.00365	236.31691	112.33483
282.0	0.00355	236.37869	114.02187
276.0	0.00362	236.44058	115.10011
286.0	0.003497	236.46707	115.50669
310.0	0.003226	236.35237	115.23780
292.0	0.003425	236.23752	114.34959
284.0	0.00352	236.12283	112.94741
272.0	0.00368	236.00797	111.16692
277.0	0.00361	235.89328	109.15369
315.0	0.003175	235.77858	107.04584
267.0	0.00375	235.66373	104.96307
285.0	0.00351	235.54903	103.00183
289.0	0.003460	235.43434	101.23536
311.0	0.003215	235.31947	99.71667
296.0	0.003378	235.20479	98.48260
300.0	0.003333	235.09010	97.55807
301.0	0.003322	234.97523	96.95981
293.0	0.003413	234.86055	96.69933
296.0	0.003378	234.74586	96.78535
325.0	0.003077	234.63100	96.66422
312.0	0.003205	234.51631	97.46896
287.0	0.003484	234.40144	98.64404
309.0	0.003236	234.28676	100.19955
313.0	0.003195	234.17206	102.14736
329.0	0.003040	234.05721	104.50127
296.0	0.003378	233.94250	107.27697
337.0	0.002967	233.82782	110.49165
328.0	0.003049	233.71295	114.16363
349.0	0.002865	233.59827	118.31158
356.0	0.002809	233.48358	122.95330
355.0	0.002817	233.36871	128.10405
300.0	0.003333	233.25403	133.77414
338.0	0.002959	233.13916	139.96559
356.0	0.002809	233.02448	146.66743
363.0	0.002755	232.90979	153.85022
370.0	0.002703	232.79492	161.45808
379.0	0.002639	232.68024	169.40123
352.0	0.002841	232.56554	177.54831
385.0	0.002597	232.45068	185.72156
422.0	0.002370	232.33598	193.69853
375.0	0.002667	232.22130	201.22371
405.0	0.002469	232.10643	208.03279
385.0	0.002597	231.99174	213.88831
443.0	0.002257	231.87706	218.62102



399.0	0.002506	231.76219	222.16562
411.0	0.002433	231.64751	224.57950
449.0	0.002227	231.53264	226.03851
421.0	0.002375	231.41795	226.81049
438.0	0.002283	231.30327	227.21712
439.0	0.002278	231.18840	227.59497
429.0	0.002331	231.07372	228.26561
445.0	0.002247	230.95901	229.51772
457.0	0.002188	230.84416	231.60121
471.0	0.002123	230.72948	234.72977
479.0	0.002088	230.61478	239.08717
461.0	0.002169	230.49992	244.83592
495.0	0.002020	230.38522	252.12492
443.0	0.002257	230.27037	261.09555
497.0	0.002012	230.15567	271.88644
504.0	0.001984	230.04099	284.63562
551.0	0.001815	229.92612	299.48135
559.0	0.001789	229.81143	316.15970
555.0	0.001802	229.69675	335.60898
561.0	0.001783	229.58188	357.54980
581.0	0.001721	229.46719	382.08832
647.0	0.001546	229.35251	409.30035
707.0	0.001414	229.23764	439.21356
731.0	0.001368	229.12296	471.78232
765.0	0.001307	229.00826	506.85495
755.0	0.001325	228.89340	544.13147
795.0	0.001258	228.77870	583.11475
837.0	0.001195	228.66385	623.05792
904.0	0.001106	228.54915	662.92377
925.0	0.001081	228.43446	701.36926
917.0	0.001091	228.31960	736.78418
1006.0	0.000994	228.20491	767.39819
1033.0	0.000968	228.09023	791.47345
998.0	0.001002	227.97536	807.55164
1002.0	0.000998	227.86067	814.70740
1020.0	0.000980	227.74599	812.73108
955.0	0.001047	227.63112	802.17853
1006.0	0.000994	227.51643	784.27008
959.0	0.001043	227.40157	760.67609
990.0	0.001010	227.28688	733.25879
883.0	0.001133	227.17218	703.84033
938.0	0.001066	227.05733	674.04364
858.0	0.001166	226.94263	645.20935
828.0	0.001208	226.82794	618.38269
758.0	0.001319	226.71307	594.33862
761.0	0.001314	226.59839	573.63068
698.0	0.001433	226.48370	556.72803
755.0	0.001325	226.36884	543.71466
708.0	0.001412	226.25415	534.84778
706.0	0.001416	226.13947	530.23816
703.0	0.001422	226.02460	529.95660
700.0	0.001429	225.90991	534.04462
705.0	0.001418	225.79504	542.51862
741.0	0.001350	225.68036	555.36871

764.0	0.001309	225.56566	572.54962
816.0	0.001225	225.45081	593.96478
816.0	0.001225	225.33611	619.44275
839.0	0.001192	225.22142	648.46149
880.0	0.001136	225.10657	681.06415
914.0	0.001094	224.99187	716.36279
965.0	0.001036	224.87718	753.44293
989.0	0.001011	224.76231	791.07404
1037.0	0.000964	224.64763	827.68738
1124.0	0.000890	224.53276	861.41058
1167.0	0.000857	224.41808	890.17944
1123.0	0.000890	224.30339	911.93970
1214.0	0.000824	224.18852	924.92126
1198.0	0.000835	224.07384	927.92273
1203.0	0.000831	223.95915	920.53058
1155.0	0.000866	223.84428	903.19269
1118.0	0.000894	223.72960	877.12482
1041.0	0.000961	223.61490	844.08002
1010.0	0.000990	223.50005	806.05927
1018.0	0.000982	223.38535	765.04272
937.0	0.001067	223.27066	722.79633
925.0	0.001081	223.15579	680.76788
798.0	0.001253	223.04111	640.06146
840.0	0.001190	222.92624	601.46167
737.0	0.001357	222.81155	565.43207
726.0	0.001377	222.69687	532.38660
696.0	0.001437	222.58200	502.42438
625.0	0.001600	222.46732	475.58896
651.0	0.001536	222.35263	451.85110
597.0	0.001675	222.23776	430.27069
635.0	0.001575	222.12308	412.48291
591.0	0.001692	222.00838	397.50665
604.0	0.001656	221.89352	385.23053
580.0	0.001724	221.77882	375.12939
596.0	0.001678	221.66397	367.95789
587.0	0.001704	221.54927	363.21985
561.0	0.001783	221.43459	360.86383
594.0	0.001684	221.31972	360.86139
550.0	0.001818	221.20503	363.20914
590.0	0.001695	221.09035	367.92862
640.0	0.001563	220.97548	375.06693
585.0	0.001709	220.86079	384.54953
607.0	0.001647	220.74611	396.76157
655.0	0.001527	220.63124	411.61829
680.0	0.001471	220.51656	429.35107
678.0	0.001475	220.40186	450.04648
743.0	0.001346	220.28700	473.84457
777.0	0.001287	220.17230	500.87799
845.0	0.001183	220.05745	531.25720
902.0	0.001109	219.94275	565.05249
961.0	0.001041	219.82806	602.26794
995.0	0.001005	219.71321	642.81006
1105.0	0.000905	219.59851	686.44708
1170.0	0.000855	219.48383	732.76044

1231.0	0.000812	219.36896	781.09454
1409.0	0.000710	219.25427	830.50763
1463.0	0.000684	219.13959	879.74011
1624.0	0.000616	219.02472	927.20990
1665.0	0.000601	218.91003	971.05768
1720.0	0.000581	218.79517	1009.25500
1748.0	0.000572	218.68048	1039.78015
1822.0	0.000549	218.56580	1060.85681
1739.0	0.000575	218.45093	1071.21484
1729.0	0.000578	218.33624	1070.31604
1583.0	0.000632	218.22154	1058.47791
1591.0	0.000629	218.10669	1036.84363
1499.0	0.000667	217.99199	1007.20782
1426.0	0.000701	217.87730	971.74548
1306.0	0.000766	217.76244	932.72516
1219.0	0.000820	217.64775	892.27191
1162.0	0.000861	217.53307	852.21765
1154.0	0.000867	217.41820	814.03577
1095.0	0.000913	217.30351	778.84503
1078.0	0.000928	217.18864	747.45056
1031.0	0.000970	217.07396	720.40356
964.0	0.001037	216.95927	698.05951
961.0	0.001041	216.84441	680.62952
995.0	0.001005	216.72972	668.22070
925.0	0.001081	216.61502	660.86279
907.0	0.001103	216.50017	658.52600
960.0	0.001042	216.38547	661.12720
956.0	0.001046	216.27078	668.52612
964.0	0.001037	216.15591	680.51349
1014.0	0.000986	216.04123	696.78998
1025.0	0.000976	215.92636	716.93610
1119.0	0.000894	215.81168	740.37738
1007.0	0.000993	215.69699	766.35016
1130.0	0.000885	215.58212	793.87634
1150.0	0.000870	215.46744	821.76343
1149.0	0.000870	215.35275	848.64368
1203.0	0.000831	215.23788	873.06427
1205.0	0.000830	215.12320	893.63049
1255.0	0.000797	215.00850	909.18085
1281.0	0.000781	214.89365	918.96155
1265.0	0.000791	214.77895	922.75604
1238.0	0.000808	214.66426	920.93262
1257.0	0.000796	214.54939	914.39612
1281.0	0.000781	214.43471	904.45728
1278.0	0.000782	214.31985	892.65387
1216.0	0.000822	214.20515	880.56891
1216.0	0.000822	214.09047	869.67987
1186.0	0.000843	213.97560	861.25720
1297.0	0.000771	213.86092	856.31317
1314.0	0.000761	213.74623	855.58466
1379.0	0.000725	213.63136	859.53735
1335.0	0.000749	213.51668	868.37207
1465.0	0.000683	213.40199	882.02222
1403.0	0.000713	213.28712	900.14020

1551.0	0.000645	213.17244	922.06824
1556.0	0.000643	213.05757	946.80615
1658.0	0.000603	212.94289	972.98651
1718.0	0.000582	212.82819	998.88196
1714.0	0.000583	212.71333	1022.46960
1618.0	0.000618	212.59863	1041.57300
1606.0	0.000623	212.48395	1054.08240
1600.0	0.000625	212.36908	1058.22546
1582.0	0.000632	212.25439	1052.82849
1611.0	0.000621	212.13971	1037.49512
1426.0	0.000701	212.02484	1012.65198
1461.0	0.000684	211.91016	979.44647
1427.0	0.000701	211.79547	939.53717
1466.0	0.000682	211.68060	894.83594
1315.0	0.000760	211.56592	847.26825
1267.0	0.000789	211.45105	798.59045
1234.0	0.000810	211.33636	750.28217
1194.0	0.000838	211.22166	703.50555
1100.0	0.000909	211.10681	659.11523
1010.0	0.000990	210.99211	617.69739
944.0	0.001059	210.87743	579.62054
920.0	0.001087	210.76256	545.08734
869.0	0.001151	210.64787	514.18011
846.0	0.001182	210.53319	486.89752
834.0	0.001199	210.41832	463.18250
732.0	0.001366	210.30363	442.94296
754.0	0.001326	210.18877	426.06592
732.0	0.001366	210.07408	412.42657
665.0	0.001504	209.95940	401.89343
660.0	0.001515	209.84453	394.33063
735.0	0.001361	209.72984	389.59613
668.0	0.001497	209.61514	387.53720
685.0	0.001460	209.50029	387.98218
659.0	0.001517	209.38559	390.72849
694.0	0.001441	209.27090	395.52570
676.0	0.001479	209.15604	402.05621
688.0	0.001453	209.04135	410.39423
717.0	0.001395	208.92667	419.06268
682.0	0.001466	208.81180	427.90591
682.0	0.001466	208.69711	436.17908
702.0	0.001425	208.58224	443.02383
703.0	0.001422	208.46756	447.19736
725.0	0.001379	208.35287	448.93839
692.0	0.001445	208.23801	447.21802
702.0	0.001425	208.12332	441.80075
662.0	0.001511	208.00864	432.77902
610.0	0.001639	207.89377	420.54993
651.0	0.001536	207.77908	405.73715
612.0	0.001634	207.66438	389.08505
584.0	0.001712	207.54953	371.35373
585.0	0.001709	207.43483	353.23953
566.0	0.001767	207.31998	335.32697
538.0	0.001859	207.20528	318.07220
539.0	0.001855	207.09059	301.80737

547.0	0.001828	206.97572	286.75674
496.0	0.002016	206.86104	273.05731
489.0	0.002045	206.74635	260.77795
494.0	0.002024	206.63148	249.93567
496.0	0.002016	206.51680	240.50726
467.0	0.002141	206.40211	232.43678
502.0	0.001992	206.28725	225.63931
467.0	0.002141	206.17256	220.00137
495.0	0.002020	206.05786	215.37932
482.0	0.002075	205.94301	211.59732
517.0	0.001934	205.82831	208.44664
500.0	0.002000	205.71346	205.68896
462.0	0.002165	205.59875	203.06630
472.0	0.002119	205.48407	200.31935
491.0	0.002037	205.36920	197.21275
489.0	0.002045	205.25452	193.56371
494.0	0.002024	205.13983	189.26541
422.0	0.002370	205.02496	184.29916
453.0	0.002208	204.91028	178.72993
428.0	0.002336	204.79559	172.68748
463.0	0.002160	204.68073	166.33942
460.0	0.002174	204.56604	159.86356
439.0	0.002278	204.45117	153.42604
439.0	0.002278	204.33649	147.16811
401.0	0.002494	204.22179	141.20078
363.0	0.002755	204.10693	135.60524
373.0	0.002681	203.99223	130.43687
360.0	0.002778	203.87755	125.73038
368.0	0.002717	203.76268	121.50507
385.0	0.002597	203.64799	117.76933
343.0	0.002915	203.53331	114.52422
376.0	0.002660	203.41844	111.76611
350.0	0.002857	203.30376	109.48854
349.0	0.002865	203.18907	107.68330
363.0	0.002755	203.07420	106.34118
346.0	0.002890	202.95952	105.45198
367.0	0.002725	202.84465	105.00427
378.0	0.002646	202.72997	104.98462
360.0	0.002778	202.61528	105.37625
318.0	0.003145	202.50041	106.15708
313.0	0.003195	202.38573	107.29709
357.0	0.002801	202.27103	108.75483
341.0	0.002933	202.15617	110.47359
349.0	0.002865	202.04147	112.37735
360.0	0.002778	201.92679	114.36771
376.0	0.002660	201.81192	116.32313
390.0	0.002564	201.69724	118.10236
361.0	0.002770	201.58237	119.55370
369.0	0.002710	201.46768	120.53025
363.0	0.002755	201.35300	120.90945
347.0	0.002882	201.23813	120.61255
346.0	0.002890	201.12344	119.61847
362.0	0.002762	201.00876	117.96726
338.0	0.002959	200.89389	115.75195

341.0	0.002933	200.77921	113.10175
351.0	0.002849	200.66451	110.16173
323.0	0.003096	200.54965	107.07452
293.0	0.003413	200.43495	103.96729
305.0	0.003279	200.32027	100.94501
317.0	0.003155	200.20540	98.08879
349.0	0.002865	200.09071	95.45772
271.0	0.00369	199.97585	93.09270
292.0	0.003425	199.86116	91.02036
305.0	0.003279	199.74648	89.25716
316.0	0.003165	199.63161	87.81260
317.0	0.003155	199.51692	86.69199
331.0	0.003021	199.40224	85.89843
275.0	0.00364	199.28737	85.39042
307.0	0.003257	199.17268	85.25972
318.0	0.003145	199.05798	85.46703
307.0	0.003257	198.94313	86.01994
296.0	0.003378	198.82843	86.92921
305.0	0.003279	198.71358	88.20950
338.0	0.002959	198.59888	89.87985
281.0	0.00356	198.48419	91.96411
288.0	0.003472	198.36932	94.49136
314.0	0.003185	198.25464	97.49620
311.0	0.003215	198.13995	101.01894
330.0	0.003030	198.02509	105.10573
318.0	0.003145	197.91040	110.33042
327.0	0.003058	197.79572	115.70895
356.0	0.002809	197.68085	121.82297
354.0	0.002825	197.56616	128.73894
360.0	0.002778	197.45146	136.52640
371.0	0.002695	197.33661	145.25613
359.0	0.002786	197.22192	154.99792
349.0	0.002865	197.10706	165.64734
406.0	0.002463	196.99237	177.60126
407.0	0.002457	196.87767	190.73001
427.0	0.002342	196.76282	205.05072
432.0	0.002315	196.64812	220.54585
457.0	0.002188	196.53343	237.14935
499.0	0.002004	196.41856	254.73120
450.0	0.002222	196.30388	273.08087
522.0	0.001916	196.18919	291.89325
505.0	0.001980	196.07433	310.75992
516.0	0.001938	195.95964	329.17200
517.0	0.001934	195.84477	346.53625
525.0	0.001905	195.73009	362.57062
584.0	0.001712	195.61540	375.89297
558.0	0.001792	195.50053	386.24850
557.0	0.001795	195.38585	393.10834
597.0	0.001675	195.27115	396.09702
604.0	0.001656	195.15630	394.95969
595.0	0.001681	195.04160	389.70825
590.0	0.001695	194.92691	380.56329
551.0	0.001815	194.81204	367.96140
518.0	0.001931	194.69736	352.51126

554.0	0.001805	194.58267	334.92426
477.0	0.002096	194.46780	315.93549
490.0	0.002041	194.35312	296.23386
466.0	0.002146	194.23825	276.41312
405.0	0.002469	194.12357	256.94827
404.0	0.002475	194.00888	238.19231
404.0	0.002475	193.89401	220.38745
378.0	0.002646	193.77933	203.68373
384.0	0.002604	193.66463	188.15862
375.0	0.002667	193.54977	173.83562
361.0	0.002770	193.43507	160.69975
360.0	0.002778	193.32039	148.70966
320.0	0.003125	193.20552	137.80704
330.0	0.003030	193.09084	127.92313
290.0	0.003448	192.97597	118.98382
339.0	0.002950	192.86128	110.91293
298.0	0.003356	192.74660	103.63477
290.0	0.003448	192.63173	97.07585
285.0	0.00351	192.51704	91.16605
290.0	0.003448	192.40236	85.83936
307.0	0.003257	192.28749	81.03451
277.0	0.00361	192.17281	76.69508
272.0	0.00368	192.05811	72.76977
252.0	0.00397	191.94325	69.21216
281.0	0.00356	191.82855	65.98074
269.0	0.00372	191.71387	62.99708
293.0	0.003413	191.59901	60.49915
289.0	0.003460	191.48431	58.04217
261.0	0.00383	191.36946	55.78761
267.0	0.00375	191.25476	53.71343
270.0	0.00370	191.14008	51.80043
268.0	0.00373	191.02521	50.03190
263.0	0.00380	190.91052	48.39331
241.0	0.00415	190.79584	46.91142
219.0	0.00457	190.68097	45.49658
266.0	0.00376	190.56628	44.17838
245.0	0.00408	190.45160	42.94839
235.0	0.00426	190.33673	41.79920
258.0	0.00388	190.22205	40.72427
262.0	0.00382	190.10718	39.71782
250.0	0.00400	189.99249	38.77473
273.0	0.00366	189.87779	37.89040
277.0	0.00361	189.76294	37.06076
234.0	0.00427	189.64824	36.28214
256.0	0.00391	189.53355	35.55123
243.0	0.00412	189.41869	34.86509
244.0	0.00410	189.30400	34.22103
250.0	0.00400	189.18932	33.61664
242.0	0.00413	189.07445	33.04976
265.0	0.00377	188.95976	32.51841
218.0	0.00459	188.84508	32.02084
248.0	0.00403	188.73021	31.55546
243.0	0.00412	188.61552	31.12083
250.0	0.00400	188.50066	30.71571

239.0	0.00418	188.38597	30.33896
225.0	0.00444	188.27127	29.98958
270.0	0.00370	188.15642	29.66672
250.0	0.00400	188.04172	29.36962
241.0	0.00415	187.92703	29.09767
258.0	0.00388	187.81216	28.85034
245.0	0.00408	187.69748	28.62723
245.0	0.00408	187.58279	28.42805
219.0	0.00457	187.46793	28.25261
222.0	0.00450	187.35324	28.10083
238.0	0.00420	187.23837	27.97276
230.0	0.00435	187.12369	28.04198
247.0	0.00405	187.00900	27.87981
237.0	0.00422	186.89413	27.82555
239.0	0.00418	186.77945	28.16558
262.0	0.00382	186.66475	28.16405
230.0	0.00435	186.54990	28.18916
229.0	0.00437	186.43520	28.24194
244.0	0.00410	186.32051	28.32367
238.0	0.00420	186.20566	28.43580
271.0	0.00369	186.09096	28.58012
224.0	0.00446	185.97627	28.75868
248.0	0.00403	185.86140	28.97393
224.0	0.00446	185.74672	29.22870
238.0	0.00420	185.63185	29.52634
260.0	0.00385	185.51717	29.87072
244.0	0.00410	185.40248	30.26637
230.0	0.00435	185.28761	30.71854
250.0	0.00400	185.17293	31.23332
256.0	0.00391	185.05824	31.81771
253.0	0.00395	184.94337	32.47975
241.0	0.00415	184.82869	33.22863
233.0	0.00429	184.71399	34.07475
245.0	0.00408	184.59914	35.02983
248.0	0.00403	184.48444	36.10697
242.0	0.00413	184.36958	37.32067
261.0	0.00383	184.25488	38.68687
236.0	0.00424	184.14020	40.22288
249.0	0.00402	184.02533	41.94728
261.0	0.00383	183.91064	43.87988
252.0	0.00397	183.79596	46.04131
240.0	0.00417	183.68109	48.45287
290.0	0.003448	183.56641	51.13597
278.0	0.00360	183.45172	54.11151
276.0	0.00362	183.33685	57.39893
307.0	0.003257	183.22217	61.01506
296.0	0.003378	183.10747	64.43364
326.0	0.003067	182.99261	68.74007
302.0	0.003311	182.87791	73.38824
308.0	0.003247	182.76306	78.35881
328.0	0.003049	182.64836	83.61240
336.0	0.002976	182.53368	89.08308
368.0	0.002717	182.41881	94.67167
368.0	0.002717	182.30412	100.23981



342.0	0.002924	182.18944	105.60744
387.0	0.002584	182.07457	110.55595
375.0	0.002667	181.95988	114.84032
371.0	0.002695	181.84520	118.21152
364.0	0.002747	181.73033	120.44740
392.0	0.002551	181.61565	121.38664
376.0	0.002660	181.50078	120.95686
373.0	0.002681	181.38609	119.18813
337.0	0.002967	181.27139	116.20727
371.0	0.002695	181.15654	112.21498
336.0	0.002976	181.04184	107.45309
324.0	0.003086	180.92715	102.17152
330.0	0.003030	180.81229	96.60192
313.0	0.003195	180.69760	90.94128
286.0	0.003497	180.58292	85.56149
319.0	0.003135	180.46805	80.14613
290.0	0.003448	180.35336	74.98928
293.0	0.003413	180.23868	70.14052
287.0	0.003484	180.12381	65.62679
307.0	0.003257	180.00912	61.45827
273.0	0.00366	179.89426	57.63324
259.0	0.00386	179.77957	54.14180
300.0	0.003333	179.66489	50.96873
266.0	0.00376	179.55002	48.09536
260.0	0.00385	179.43533	45.50123
249.0	0.00402	179.32063	43.16496
247.0	0.00405	179.20578	40.45256
256.0	0.00391	179.09108	38.57108
242.0	0.00413	178.97639	36.88465
229.0	0.00437	178.86153	35.37401
208.0	0.00481	178.74684	34.02121
263.0	0.00380	178.63197	32.80965
276.0	0.00362	178.51729	31.72408
240.0	0.00417	178.40260	30.75072
265.0	0.00377	178.28773	29.87715
234.0	0.00427	178.17305	29.09229
236.0	0.00424	178.05836	28.38634
241.0	0.00415	177.94350	27.75063
220.0	0.00455	177.82881	27.17758
244.0	0.00410	177.71411	26.66059
217.0	0.00461	177.59926	26.19388
217.0	0.00461	177.48456	25.77246
261.0	0.00383	177.36987	25.39199
248.0	0.00403	177.25500	25.04872
258.0	0.00388	177.14032	24.73938
218.0	0.00459	177.02545	24.46116
223.0	0.00448	176.91077	24.21159
251.0	0.00398	176.79608	23.98851
235.0	0.00426	176.68121	23.89040
227.0	0.00441	176.56653	23.71544
228.0	0.00439	176.45184	23.56201
238.0	0.00420	176.33698	23.42885
214.0	0.00467	176.22229	23.31483
245.0	0.00408	176.10759	23.21894

271.0	0.00369	175.99274	23.14033
236.0	0.00424	175.87804	23.07820
244.0	0.00410	175.76318	23.03186
243.0	0.00412	175.64848	23.00071
223.0	0.00448	175.53380	22.98423
224.0	0.00446	175.41893	22.98195
216.0	0.00463	175.30424	22.99346
224.0	0.00446	175.18956	23.01842
239.0	0.00418	175.07469	23.05654
249.0	0.00402	174.96001	23.10757
220.0	0.00455	175.05194	23.17132
210.0	0.00476	175.14400	23.24763
240.0	0.00417	175.23593	23.33640
225.0	0.00444	175.32785	23.43754
236.0	0.00424	175.41992	23.55102
249.0	0.00402	175.51186	23.67686
233.0	0.00429	175.60391	23.81509
215.0	0.00465	175.69585	23.86074
237.0	0.00422	175.78778	24.02454
207.0	0.00483	175.87984	24.20106
231.0	0.00433	175.97177	24.39047
256.0	0.00391	176.06369	23.97244
238.0	0.00420	176.15576	24.19150
209.0	0.00478	176.24770	24.42420
218.0	0.00459	176.33961	24.67086
267.0	0.00375	176.43169	24.93185
236.0	0.00424	176.52362	25.20757
237.0	0.00422	176.61568	25.49848
224.0	0.00446	176.70761	25.80506
266.0	0.00376	176.79953	26.12785
238.0	0.00420	176.89160	26.46745
217.0	0.00461	176.98354	26.82448
251.0	0.00398	177.07545	27.19964
235.0	0.00426	177.16753	27.59369
243.0	0.00412	177.25946	28.00744
246.0	0.00407	177.35138	28.44175
229.0	0.00437	177.44345	28.89759
239.0	0.00418	177.53537	29.37598
243.0	0.00412	177.62730	29.87802
228.0	0.00439	177.71938	30.40492
255.0	0.00392	177.81129	30.95796
223.0	0.00448	177.90337	31.53854
239.0	0.00418	177.99530	32.14816
227.0	0.00441	178.08722	32.78848
252.0	0.00397	178.17929	33.46122
267.0	0.00375	178.27121	34.16832
263.0	0.00380	178.36314	34.91185
266.0	0.00376	178.45522	35.69405
238.0	0.00420	178.54713	36.51733
257.0	0.00389	178.63907	37.39790
239.0	0.00418	178.73114	38.07014
253.0	0.00395	178.82306	39.03487
253.0	0.00395	178.91513	40.05277
261.0	0.00383	179.00705	40.87800

248.0	0.00403	179.09898	42.01511
245.0	0.00408	179.19106	43.21771
258.0	0.00388	179.28297	44.49077
270.0	0.00370	179.37491	45.83975
259.0	0.00386	179.46698	47.27072
241.0	0.00415	179.55890	48.79036
267.0	0.00375	179.65083	50.40620
262.0	0.00382	179.74289	52.27490
290.0	0.003448	179.83482	54.11013
254.0	0.00394	179.92676	56.07007
259.0	0.00386	180.01881	58.16679
253.0	0.00395	180.11075	60.41405
288.0	0.003472	180.20282	62.82753
293.0	0.003413	180.29474	65.42520
295.0	0.003390	180.38667	68.22762
286.0	0.003497	180.47873	71.25846
296.0	0.003378	180.57066	74.54484
318.0	0.003145	180.66260	78.11787
275.0	0.00364	180.75465	82.01317
336.0	0.002976	180.84659	86.27141
320.0	0.003125	180.93851	90.38328
336.0	0.002976	181.03058	95.51497
381.0	0.002625	181.12251	101.16689
376.0	0.002660	181.21458	107.28085
330.0	0.003030	181.30650	114.17828
393.0	0.002545	181.39844	121.89592
358.0	0.002793	181.49049	130.35936
387.0	0.002584	181.58243	139.74365
417.0	0.002398	181.67435	150.14951
393.0	0.002545	181.76642	161.68309
432.0	0.002315	181.85835	174.45451
463.0	0.002160	181.95027	188.57617
489.0	0.002045	182.04234	204.15979
475.0	0.002105	182.13428	221.31276
513.0	0.001949	182.22620	240.13289
539.0	0.001855	182.31827	260.70102
529.0	0.001890	182.41019	283.07089
549.0	0.001821	182.50226	307.25537
575.0	0.001739	182.59419	333.20734
581.0	0.001721	182.68611	360.79602
598.0	0.001672	182.77818	389.77679
631.0	0.001585	182.87012	419.75748
645.0	0.001550	182.96204	450.16431
626.0	0.001597	183.05411	480.21564
713.0	0.001403	183.14603	508.91489
726.0	0.001377	183.23796	535.07837
722.0	0.001385	183.33003	557.40973
721.0	0.001387	183.42195	574.62628
708.0	0.001412	183.51402	585.62366
732.0	0.001366	183.60596	589.64716
752.0	0.001330	183.69788	586.42261
762.0	0.001312	183.78995	576.20642
778.0	0.001285	183.88188	559.73914
746.0	0.001340	183.97380	538.11627

704.0	0.001420	184.06587	512.61798
742.0	0.001348	184.15779	484.54300
694.0	0.001441	184.24973	454.83530
630.0	0.001587	184.34180	424.99197
643.0	0.001555	184.43372	395.55573
575.0	0.001739	184.52565	367.10776
576.0	0.001736	184.61772	340.04681
568.0	0.001761	184.70964	314.62256
510.0	0.001961	184.80171	290.96988
466.0	0.002146	184.89363	269.13889
512.0	0.001953	184.98557	249.11938
467.0	0.002141	185.07764	230.85939
459.0	0.002179	185.16956	214.27957
392.0	0.002551	185.26149	199.28331
407.0	0.002457	185.35356	185.76433
378.0	0.002646	185.44548	173.61177
369.0	0.002710	185.53741	162.71417
356.0	0.002809	185.62947	152.96214
375.0	0.002667	185.72141	144.83290
346.0	0.002890	185.81348	137.06439
340.0	0.002941	185.90540	130.14276
306.0	0.003268	185.99733	123.98139
317.0	0.003155	186.08940	118.50107
314.0	0.003185	186.18132	113.62985
292.0	0.003425	186.27325	109.30311
341.0	0.002933	186.36531	105.46321
301.0	0.003322	186.45724	102.05909
297.0	0.003367	186.54916	99.04595
264.0	0.00379	186.64124	96.32008
302.0	0.003311	186.73317	93.97683
312.0	0.003205	186.82509	91.92200
287.0	0.003484	186.91716	90.13040
269.0	0.00372	187.00909	88.58046
310.0	0.003226	187.10115	87.36628
320.0	0.003125	187.19308	86.24798
284.0	0.00352	187.28502	85.32436
255.0	0.00392	187.37708	84.58455
283.0	0.00353	187.46901	84.01949
272.0	0.00368	187.56093	83.62183
290.0	0.003448	187.65300	83.38578
303.0	0.003300	187.74493	83.30682
287.0	0.003484	187.83685	83.38163
266.0	0.00376	187.92892	83.60812
275.0	0.00364	188.02086	83.98524
282.0	0.00355	188.11292	84.51301
271.0	0.00369	188.20485	85.19244
283.0	0.00353	188.29677	86.02560
283.0	0.00353	188.38884	87.01566
289.0	0.003460	188.48077	88.16676
280.0	0.00357	188.57269	89.48438
298.0	0.003356	188.66476	90.97513
264.0	0.00379	188.75670	92.64715
305.0	0.003279	188.84862	94.51003
276.0	0.00362	188.94069	96.57513

296.0	0.003378	189.03261	98.85581
300.0	0.003333	189.12454	101.36762
296.0	0.003378	189.21661	104.12873
322.0	0.003106	189.30853	107.16026
321.0	0.003115	189.40060	110.48656
319.0	0.003135	189.49254	114.13592
309.0	0.003236	189.58446	118.14085
350.0	0.002857	189.67653	122.53880
307.0	0.003257	189.76845	127.32497
372.0	0.002688	189.86038	132.64371
363.0	0.002755	189.95245	138.50244
377.0	0.002653	190.04437	144.96378
393.0	0.002545	190.13631	152.09769
374.0	0.002674	190.22838	159.98218
383.0	0.002611	190.32030	168.70340
371.0	0.002695	190.41237	178.35585
371.0	0.002695	190.50429	189.04207
415.0	0.002410	190.59622	200.87250
489.0	0.002045	190.68829	213.96460
451.0	0.002217	190.78021	228.44208
488.0	0.002049	190.87215	244.43309
475.0	0.002105	190.96422	262.06808
509.0	0.001965	191.05614	281.47681
540.0	0.001852	191.14807	302.78363
558.0	0.001792	191.24013	326.10165
560.0	0.001786	191.33206	351.52347
594.0	0.001684	191.42400	379.10928
642.0	0.001558	191.51605	408.87064
712.0	0.001404	191.60799	440.74780
698.0	0.001433	191.70006	474.58258
745.0	0.001342	191.79198	510.08496
733.0	0.001364	191.88391	546.79779
812.0	0.001232	191.97597	584.06482
845.0	0.001183	192.06790	621.01245
907.0	0.001103	192.15984	656.55780
899.0	0.001112	192.25189	689.45996
1036.0	0.000965	192.34383	718.42383
1045.0	0.000957	192.43575	742.25146
1025.0	0.000976	192.52782	760.01941
1076.0	0.000929	192.61975	771.24139
1030.0	0.000971	192.71181	775.96698
1012.0	0.000988	192.80374	774.83258
1061.0	0.000943	192.89568	768.78510
1014.0	0.000986	192.98773	759.19183
1071.0	0.000934	193.07967	747.47400
971.0	0.001030	193.17159	734.98529
1043.0	0.000959	193.26366	722.88873
920.0	0.001087	193.35559	712.08484
955.0	0.001047	193.44751	703.17609
1005.0	0.000995	193.53958	696.46063
977.0	0.001024	193.63152	691.93726
1041.0	0.000961	193.72343	689.31982
1004.0	0.000996	193.81551	688.05579
1031.0	0.000970	193.90742	687.36298

1069.0	0.000935	193.99950	686.28735
1033.0	0.000968	194.09143	683.79382
1042.0	0.000960	194.18335	678.88422
989.0	0.001011	194.27542	670.61511
1010.0	0.000990	194.36736	658.68573
1035.0	0.000966	194.45927	642.81299
941.0	0.001063	194.55135	623.21075
942.0	0.001062	194.64326	600.41919
963.0	0.001038	194.73520	575.00043
838.0	0.001193	194.82727	548.21808
829.0	0.001206	194.91919	520.73212
757.0	0.001321	195.01126	493.32025
680.0	0.001471	195.10320	466.63263
654.0	0.001529	195.19511	441.17813
684.0	0.001462	195.28719	417.33005
617.0	0.001621	195.37910	395.34399
661.0	0.001513	195.47104	375.38080
598.0	0.001672	195.56311	357.52899
527.0	0.001898	195.65503	341.82480
520.0	0.001923	195.74696	328.26813
528.0	0.001894	195.83904	316.83514
521.0	0.001919	195.93095	307.48685
517.0	0.001934	196.02289	300.17575
489.0	0.002045	196.11494	294.84894
482.0	0.002075	196.20688	291.44998
457.0	0.002188	196.29895	289.91867
479.0	0.002088	196.39087	290.18942
484.0	0.002066	196.48280	292.18704
461.0	0.002169	196.57487	295.82098
464.0	0.002155	196.66679	300.97696
491.0	0.002037	196.75873	307.50665
512.0	0.001953	196.85078	315.21518
436.0	0.002294	196.94272	323.84793
477.0	0.002096	197.03465	333.08044
469.0	0.002132	197.12671	342.51260
461.0	0.002169	197.21864	351.67584
435.0	0.002299	197.31071	360.44571
458.0	0.002183	197.40263	367.52054
493.0	0.002028	197.49457	372.81583
517.0	0.001934	197.58662	375.96561
508.0	0.001969	197.67856	376.76071
519.0	0.001927	197.77049	375.17252
522.0	0.001916	197.86255	371.34451
514.0	0.001946	197.95448	365.55695
534.0	0.001873	198.04640	358.17609
518.0	0.001931	198.13847	349.60498
534.0	0.001873	198.23041	340.24673
512.0	0.001953	198.32233	330.48251
511.0	0.001957	198.41440	320.66266
521.0	0.001919	198.50633	311.10406
451.0	0.002217	198.59839	302.08963
493.0	0.002028	198.69032	293.86771
503.0	0.001988	198.78224	286.65268
514.0	0.001946	198.87431	280.62549

498.0	0.002008	198.96625	275.93677
482.0	0.002075	199.05817	272.71155
516.0	0.001938	199.15024	271.05438
482.0	0.002075	199.24217	271.05511
497.0	0.002012	199.33409	272.79355
549.0	0.001821	199.42616	276.34406
528.0	0.001894	199.51808	281.77789
502.0	0.001992	199.61015	289.16489
529.0	0.001890	199.70209	298.57318
577.0	0.001733	199.79401	310.06790
596.0	0.001678	199.88608	323.70776
611.0	0.001637	199.97801	339.54001
648.0	0.001543	200.06993	357.59167
611.0	0.001637	200.16200	377.85883
692.0	0.001445	200.25392	400.29147
680.0	0.001471	200.34586	424.77377
680.0	0.001471	200.43793	451.10056
705.0	0.001418	200.52985	478.95041
768.0	0.001302	200.62178	507.85767
855.0	0.001170	200.71385	537.19061
859.0	0.001164	200.80577	566.13843
896.0	0.001116	200.89784	593.72083
885.0	0.001130	200.98976	618.82379
947.0	0.001056	201.08170	640.26691
947.0	0.001056	201.17377	656.90204
949.0	0.001054	201.26569	667.72992
1021.0	0.000979	201.35762	672.02063
1014.0	0.000986	201.44969	669.41278
1021.0	0.000979	201.54161	659.97180
929.0	0.001076	201.63354	644.18713
969.0	0.001032	201.72562	622.90784
884.0	0.001131	201.81754	597.23059
882.0	0.001134	201.90961	568.36267
788.0	0.001269	202.00153	537.49579
813.0	0.001230	202.09346	505.70697
790.0	0.001266	202.18553	473.90079
716.0	0.001397	202.27745	442.78748
644.0	0.001553	202.36938	412.88937
639.0	0.001565	202.46146	384.56403
627.0	0.001595	202.55338	358.03369
596.0	0.001678	202.64531	333.41559
555.0	0.001802	202.73737	310.74905
523.0	0.001912	202.82930	290.01782
578.0	0.001730	202.92122	271.16742
543.0	0.001842	203.01329	254.11853
450.0	0.002222	203.10522	238.77693
495.0	0.002020	203.19730	225.04053
490.0	0.002041	203.28922	212.80461
467.0	0.002141	203.38115	201.96597
437.0	0.002288	203.47321	192.42545
392.0	0.002551	203.56514	184.09012
406.0	0.002463	203.65706	176.87482
383.0	0.002611	203.74913	170.70325
402.0	0.002488	203.84106	165.50858

413.0	0.002421	203.93298	161.23401
387.0	0.002584	204.02505	157.83290
397.0	0.002519	204.11699	155.26877
397.0	0.002519	204.20905	153.51494
394.0	0.002538	204.30098	152.55424
369.0	0.002710	204.39291	152.37840
370.0	0.002703	204.48497	152.98732
398.0	0.002513	204.57690	154.38806
377.0	0.002653	204.66882	156.59393
377.0	0.002653	204.76089	159.62302
377.0	0.002653	204.85283	163.49680
366.0	0.002732	204.94475	168.23808
415.0	0.002410	205.03682	173.86844
361.0	0.002770	205.12875	180.40508
348.0	0.002874	205.22067	187.85651
374.0	0.002674	205.31274	196.21660
410.0	0.002439	205.40466	205.45737
368.0	0.002717	205.49673	215.43153
388.0	0.002577	205.58867	226.21176
369.0	0.002710	205.68059	237.75458
360.0	0.002778	205.77266	249.42215
349.0	0.002865	205.86459	261.10626
387.0	0.002584	205.95651	272.40979
381.0	0.002625	206.04858	282.85806
369.0	0.002710	206.14050	291.92480
376.0	0.002660	206.23244	299.07813
360.0	0.002778	206.32451	303.84296
401.0	0.002494	206.41643	305.86923
392.0	0.002551	206.50850	304.98990
387.0	0.002584	206.60043	301.25037
429.0	0.002331	206.69235	294.90128
423.0	0.002364	206.78442	286.35629
397.0	0.002519	206.87634	276.12814
356.0	0.002809	206.96828	264.76102
387.0	0.002584	207.06035	252.77367
398.0	0.002513	207.15227	240.62137
384.0	0.002604	207.24420	228.67737
383.0	0.002611	207.33627	217.23042
399.0	0.002506	207.42819	206.49197
385.0	0.002597	207.52013	196.61244
358.0	0.002793	207.61218	187.67899
353.0	0.002833	207.70412	179.75160
342.0	0.002924	207.79619	172.85779
360.0	0.002778	207.88811	167.00456
400.0	0.002500	207.98004	162.18456
361.0	0.002770	208.07211	158.37973
335.0	0.002985	208.16403	155.57289
360.0	0.002778	208.25597	153.71283
360.0	0.002778	208.34802	152.76729
363.0	0.002755	208.43996	152.68596
336.0	0.002976	208.53189	153.40596
341.0	0.002933	208.62395	154.84798
339.0	0.002950	208.71588	156.91075
347.0	0.002882	208.80795	159.46523



363.0	0.002755	208.89987	162.34909
342.0	0.002924	208.99181	165.51628
352.0	0.002841	209.08386	168.42920
363.0	0.002755	209.17580	171.30338
373.0	0.002681	209.26773	173.22537
384.0	0.002604	209.35979	174.26591
374.0	0.002674	209.45172	174.22182
361.0	0.002770	209.54364	172.96669
345.0	0.002899	209.63571	170.46927
357.0	0.002801	209.72765	166.79643
406.0	0.002463	209.81956	162.09904
372.0	0.002688	209.91164	156.58556
345.0	0.002899	210.00357	150.49074
318.0	0.003145	210.09563	144.04710
304.0	0.003289	210.18756	137.46407
297.0	0.003367	210.27948	130.91621
321.0	0.003115	210.37155	124.53943
316.0	0.003165	210.46349	118.43275
338.0	0.002959	210.55540	112.66323
310.0	0.003226	210.64748	107.27207
303.0	0.003300	210.73941	102.28057
296.0	0.003378	210.83133	97.69534
316.0	0.003165	210.92340	93.51269
286.0	0.003497	211.01532	89.72173
292.0	0.003425	211.10739	86.30702
289.0	0.003460	211.19933	83.25031
262.0	0.00382	211.29124	80.53191
281.0	0.00356	211.38332	78.13164
314.0	0.003185	211.47525	76.02955
283.0	0.00353	211.56717	74.20644
288.0	0.003472	211.65924	72.64426
281.0	0.00356	211.75116	71.32639
289.0	0.003460	211.84309	70.23784
293.0	0.003413	211.88000	69.36545
258.0	0.00388	211.88000	68.69802
286.0	0.003497	211.88000	68.22634
271.0	0.00369	211.88000	67.94334
280.0	0.00357	211.88000	67.84405
265.0	0.00377	211.88000	67.92564
323.0	0.003096	211.88000	68.18746
260.0	0.00385	211.88000	68.63113
267.0	0.00375	211.88000	69.26039
304.0	0.003289	211.88000	70.08125
298.0	0.003356	211.88000	71.10192
299.0	0.003344	211.88000	72.33287
287.0	0.003484	211.88000	73.78674
308.0	0.003247	211.88000	75.47839
303.0	0.003300	211.88000	77.90817
311.0	0.003215	211.88000	80.13043
311.0	0.003215	211.88000	82.64664
316.0	0.003165	211.88000	85.47859
285.0	0.00351	211.88000	88.64879
294.0	0.003401	211.88000	92.17980
293.0	0.003413	211.88000	96.09336

309.0	0.003236	211.88000	100.40924
314.0	0.003185	211.88000	105.14413
329.0	0.003040	211.88000	110.31050
308.0	0.003247	211.88000	115.91573
359.0	0.002786	211.88000	121.96185
374.0	0.002674	211.88000	128.44579
384.0	0.002604	211.88000	135.36044
325.0	0.003077	211.88000	142.69580
344.0	0.002907	211.88000	150.43916
389.0	0.002571	211.88000	158.57359
370.0	0.002703	211.88000	167.07277
364.0	0.002747	211.88000	175.99298
369.0	0.002710	211.88000	185.06059
413.0	0.002421	211.88000	194.52727
411.0	0.002433	211.88000	203.69272
404.0	0.002475	211.88000	212.59763
437.0	0.002288	211.88000	220.96458
398.0	0.002513	211.88000	228.48138
422.0	0.002370	211.88000	234.83232
447.0	0.002237	211.88000	239.74019
445.0	0.002247	211.88000	243.01111
456.0	0.002193	211.88000	244.57060
477.0	0.002096	211.88000	244.48051
473.0	0.002114	211.88000	242.93176
458.0	0.002183	211.88000	240.21428
457.0	0.002188	211.88000	236.67436
466.0	0.002146	211.88000	232.66879
476.0	0.002101	211.88000	228.52718
538.0	0.001859	211.88000	224.52481
467.0	0.002141	211.88000	220.86780
546.0	0.001832	211.88000	217.68747
506.0	0.001976	211.88000	215.04050
530.0	0.001887	211.88000	212.91290
535.0	0.001869	211.88000	211.22629
498.0	0.002008	211.88000	209.84715
515.0	0.001942	211.88000	208.60023
514.0	0.001946	211.88000	207.28773
486.0	0.002058	211.88000	205.71324
512.0	0.001953	211.88000	203.70903
504.0	0.001984	211.88000	201.16106
447.0	0.002237	211.88000	198.02635
427.0	0.002342	211.88000	194.33755
448.0	0.002232	211.88000	190.19415
435.0	0.002299	211.88000	185.74390
422.0	0.002370	211.88000	181.15887
422.0	0.002370	211.88000	176.61395
457.0	0.002188	211.88000	172.27010
460.0	0.002174	211.88000	168.26503
412.0	0.002427	211.88000	164.70985
447.0	0.002237	211.88000	161.69060
457.0	0.002188	211.88000	159.27225
420.0	0.002381	211.88000	157.50351
457.0	0.002188	211.88000	156.42274
417.0	0.002398	211.88000	156.06061

392.0	0.002551	211.88000	156.44646
413.0	0.002421	211.88000	157.60989
406.0	0.002463	211.88000	159.58363
390.0	0.002564	211.88000	162.40503
386.0	0.002591	211.88000	166.11800
387.0	0.002584	211.88000	170.77354
407.0	0.002457	211.88000	176.43095
415.0	0.002410	211.88000	183.15775
405.0	0.002469	211.88000	190.54846
443.0	0.002257	211.88000	199.65385
465.0	0.002151	211.88000	210.08217
474.0	0.002110	211.88000	221.93318
492.0	0.002033	211.88000	235.31218
496.0	0.002016	211.88000	250.32838
497.0	0.002012	211.88000	267.09207
548.0	0.001825	211.88000	285.71072
554.0	0.001805	211.88000	306.28387
545.0	0.001835	211.88000	328.89584
604.0	0.001656	211.88000	353.60580
611.0	0.001637	211.88000	380.43402
664.0	0.001506	211.88000	409.34409
707.0	0.001414	211.88000	440.21921
761.0	0.001314	211.88000	472.83411
785.0	0.001274	211.88000	506.82178
839.0	0.001192	211.88000	541.64008
866.0	0.001155	211.88000	576.54407
939.0	0.001065	211.88000	610.57306
984.0	0.001016	211.88000	642.56812
982.0	0.001018	211.88000	671.23029
996.0	0.001004	211.88000	695.22809
1125.0	0.000889	211.88000	713.34705
1098.0	0.000911	211.88000	724.65778
1115.0	0.000897	211.88000	728.66296
1056.0	0.000947	211.88000	725.38153
1054.0	0.000949	211.88000	715.34326
1001.0	0.000999	211.88000	699.49475
977.0	0.001024	211.88000	679.04248
965.0	0.001036	211.88000	655.27905
851.0	0.001175	211.88000	629.42633
884.0	0.001131	211.88000	602.52600
756.0	0.001323	211.88000	575.37701
763.0	0.001311	211.88000	548.52167
729.0	0.001372	211.88000	522.26563
675.0	0.001481	211.88000	496.72235
641.0	0.001560	211.88000	471.87259
627.0	0.001595	211.88000	447.62753
590.0	0.001695	211.88000	423.88916
555.0	0.001802	211.88000	400.59525
547.0	0.001828	211.88000	377.74606
526.0	0.001901	211.88000	355.40659
509.0	0.001965	211.88000	333.69287
499.0	0.002004	211.88000	312.74741
446.0	0.002242	211.88000	292.71298
426.0	0.002347	211.88000	273.71234

440.0	0.002273	211.88000	255.83549
409.0	0.002445	211.88000	239.13553
426.0	0.002347	211.88000	223.63011
401.0	0.002494	211.88000	209.30688
412.0	0.002427	211.88000	196.13007
376.0	0.002660	211.88000	184.04755
374.0	0.002674	211.88000	172.99632
405.0	0.002469	211.88000	162.90787
353.0	0.002833	211.88000	153.71150
331.0	0.003021	211.88000	145.33698
342.0	0.002924	211.88000	137.71643
323.0	0.003096	211.88000	130.78525
323.0	0.003096	211.88000	124.48315
351.0	0.002849	211.88000	118.75403
321.0	0.003115	211.88000	113.54640
316.0	0.003165	211.88000	108.81336
296.0	0.003378	211.88000	104.51217
283.0	0.00353	211.88000	100.60448
316.0	0.003165	211.88000	97.05581
296.0	0.003378	211.88000	93.92053
274.0	0.00365	211.88000	91.00184
321.0	0.003115	211.88000	88.36056
270.0	0.00370	211.88000	85.97588
316.0	0.003165	211.88000	83.83006
279.0	0.00358	211.88000	81.90793
306.0	0.003268	211.88000	80.19685
321.0	0.003115	211.88000	78.68655
281.0	0.00356	211.88000	77.36892
290.0	0.003448	211.88000	76.23785
322.0	0.003106	211.88000	75.28911
280.0	0.00357	211.88000	74.52016
291.0	0.003436	211.88000	73.93009
276.0	0.00362	211.88000	73.51939
296.0	0.003378	211.88000	73.28979
264.0	0.00379	211.88000	73.24422
319.0	0.003135	211.88000	73.38647
268.0	0.00373	211.88000	73.72108
271.0	0.00369	211.88000	74.25304
291.0	0.003436	211.88000	74.98747
275.0	0.00364	211.88000	75.92920
274.0	0.00365	211.88000	77.08216
286.0	0.003497	211.88000	78.53918
275.0	0.00364	211.88000	80.11961
294.0	0.003401	211.88000	81.90924
308.0	0.003247	211.88000	83.89825
279.0	0.00358	211.88000	86.06917
270.0	0.00370	211.88000	88.39433
316.0	0.003165	211.88000	90.83342
287.0	0.003484	211.88000	93.33142
281.0	0.00356	211.88000	95.81733
281.0	0.00356	211.88000	98.20524
304.0	0.003289	211.88000	99.87302
302.0	0.003311	211.88000	101.77283
296.0	0.003378	211.88000	103.28349

302.0	0.003311	211.88000	104.33127
330.0	0.003030	211.88000	104.87388
308.0	0.003247	211.88000	104.90783
324.0	0.003086	211.88000	104.46973
275.0	0.00364	211.88000	103.63059
339.0	0.002950	211.88000	102.48546
279.0	0.00358	211.88000	101.14083
311.0	0.003215	211.88000	99.70327
332.0	0.003012	211.88000	98.27074
317.0	0.003155	211.88000	96.92798
295.0	0.003390	211.88000	95.74474
306.0	0.003268	211.88000	94.77660
293.0	0.003413	211.88000	94.06705
343.0	0.002915	211.88000	93.65028
314.0	0.003185	211.88000	93.55383
318.0	0.003145	211.88000	93.80111
330.0	0.003030	211.88000	94.04753
314.0	0.003185	211.88000	95.04800
321.0	0.003115	211.88000	96.45684
300.0	0.003333	211.88000	98.27964
347.0	0.002882	211.88000	100.58183
333.0	0.003003	211.88000	103.37577
332.0	0.003012	211.88000	106.69712
333.0	0.003003	211.88000	110.58622
337.0	0.002967	211.88000	115.08830
334.0	0.002994	211.88000	120.25346
368.0	0.002717	211.88000	126.13671
335.0	0.002985	211.88000	132.79745
397.0	0.002519	211.88000	140.29909
381.0	0.002625	211.88000	148.70807
370.0	0.002703	211.88000	158.11272
419.0	0.002387	211.88000	168.54199
414.0	0.002415	211.88000	180.08237
458.0	0.002183	211.88000	192.79556
437.0	0.002288	211.88000	206.77234
411.0	0.002433	211.88000	221.97308
388.0	0.002577	211.88000	238.45030
472.0	0.002119	211.88000	256.18451
459.0	0.002179	211.88000	275.10904
424.0	0.002358	211.88000	295.09305
401.0	0.002494	211.88000	315.92160
406.0	0.002463	211.88000	337.27463
457.0	0.002188	211.88000	358.70770
473.0	0.002114	211.88000	379.64053
483.0	0.002070	211.88000	399.36090
425.0	0.002353	211.88000	417.05182
488.0	0.002049	211.88000	431.84799
521.0	0.001919	211.88000	442.92227
477.0	0.002096	211.88000	449.58945
473.0	0.002114	211.88000	451.40710
517.0	0.001934	211.88000	448.24838
491.0	0.002037	211.88000	440.32257
496.0	0.002016	211.88000	427.95264
434.0	0.002304	211.88000	412.24582

511.0	0.001957	211.88000	393.85809
477.0	0.002096	211.88000	373.64886
478.0	0.002092	211.88000	352.41205
469.0	0.002132	211.88000	330.82690
443.0	0.002257	211.88000	309.71997
434.0	0.002304	211.88000	288.94003
480.0	0.002083	211.88000	269.05716
456.0	0.002193	211.88000	250.26154
412.0	0.002427	211.88000	232.66428
403.0	0.002481	211.88000	216.31656
419.0	0.002387	211.88000	201.22586
368.0	0.002717	211.88000	187.36861
380.0	0.002632	211.88000	174.70007
363.0	0.002755	211.88000	163.21867
353.0	0.002833	211.88000	152.74333
348.0	0.002874	211.88000	143.25890
340.0	0.002941	211.88000	134.69170
330.0	0.003030	211.88000	126.96821
329.0	0.003040	211.88000	120.01674
323.0	0.003096	211.88000	113.76831
317.0	0.003155	211.88000	108.15761
284.0	0.00352	211.88000	103.12343
307.0	0.003257	211.88000	98.60906
289.0	0.003460	211.88000	94.56236
276.0	0.00362	211.88000	90.93591
269.0	0.00372	211.88000	87.68688
301.0	0.003322	211.88000	85.56076
285.0	0.00351	211.88000	82.95963
262.0	0.00382	211.88000	80.63318
276.0	0.00362	211.88000	78.55491
273.0	0.00366	211.88000	76.70166
287.0	0.003484	211.88000	75.05325
262.0	0.00382	211.88000	73.59227
288.0	0.003472	211.88000	72.30376
279.0	0.00358	211.88000	71.17486
221.0	0.00452	211.88000	70.19463
269.0	0.00372	211.88000	69.17976
282.0	0.00355	211.88000	68.47157
265.0	0.00377	211.88000	67.88866
275.0	0.00364	211.88000	67.63123
266.0	0.00376	211.88000	66.91484
254.0	0.00394	211.88000	66.68359
266.0	0.00376	211.88000	66.56285
234.0	0.00427	211.88000	66.55135
262.0	0.00382	211.88000	66.64858
259.0	0.00386	211.88000	66.85498
284.0	0.00352	211.88000	67.17187
271.0	0.00369	211.88000	67.60143
236.0	0.00424	211.88000	68.14692
265.0	0.00377	211.88000	68.81260
253.0	0.00395	211.88000	69.60388
272.0	0.00368	211.88000	70.52747
267.0	0.00375	211.88000	71.62015
275.0	0.00364	211.88000	72.83416

261.0	0.00383	211.88000	74.20940
259.0	0.00386	211.88000	75.75894
293.0	0.003413	211.88000	77.49780
273.0	0.00366	211.88000	79.44314
290.0	0.003448	211.88000	81.61444
261.0	0.00383	211.88000	84.03347
279.0	0.00358	211.88000	86.72451
298.0	0.003356	211.88000	89.71436
259.0	0.00386	211.88000	93.03225
260.0	0.00385	211.88000	96.70992
259.0	0.00386	211.88000	100.78137
310.0	0.003226	211.88000	105.28265
260.0	0.00385	211.88000	110.25156
303.0	0.003300	211.88000	115.72709
319.0	0.003135	211.88000	121.74883
296.0	0.003378	211.88000	128.35591
326.0	0.003067	211.88000	135.58582
320.0	0.003125	211.88000	143.47256
334.0	0.002994	211.88000	152.04436
338.0	0.002959	211.88000	161.32007
346.0	0.002890	211.88000	171.30498
317.0	0.003155	211.88000	181.98473
325.0	0.003077	211.88000	193.31790
355.0	0.002817	211.88000	205.22681
398.0	0.002513	211.88000	217.58739
367.0	0.002725	211.88000	230.21875
346.0	0.002890	211.88000	242.87511
425.0	0.002353	211.88000	255.24284
418.0	0.002392	211.88000	266.94708
401.0	0.002494	211.88000	277.57138
415.0	0.002410	211.88000	286.69244
412.0	0.002427	211.88000	293.92780
424.0	0.002358	211.88000	298.98944
400.0	0.002500	211.88000	301.72974
414.0	0.002415	211.88000	302.16968
440.0	0.002273	211.88000	300.49924
428.0	0.002336	211.88000	297.04959
432.0	0.002315	211.88000	292.24805
422.0	0.002370	211.88000	286.56436
429.0	0.002331	211.88000	280.46420
428.0	0.002336	211.88000	274.15781
407.0	0.002457	211.88000	268.44888
388.0	0.002577	211.88000	263.42416
441.0	0.002268	211.88000	259.32703
421.0	0.002375	211.88000	256.34763
417.0	0.002398	211.88000	254.63283
445.0	0.002247	211.88000	254.29642
455.0	0.002198	211.88000	255.42717
469.0	0.002132	211.88000	258.09586
466.0	0.002146	211.88000	262.99765
481.0	0.002079	211.88000	268.90903
427.0	0.002342	211.88000	276.50476
484.0	0.002066	211.88000	285.81842
531.0	0.001883	211.88000	296.87579

471.0	0.002123	211.88000	309.69324
564.0	0.001773	211.88000	324.35907
576.0	0.001736	211.88000	340.68130
548.0	0.001825	211.88000	358.69751
593.0	0.001686	211.88000	378.31723
617.0	0.001621	211.88000	399.39389
623.0	0.001605	211.88000	421.70639
721.0	0.001387	211.88000	444.94006
688.0	0.001453	211.88000	468.92065
756.0	0.001323	211.88000	492.58575
734.0	0.001362	211.88000	515.76837
764.0	0.001309	211.88000	537.13422
827.0	0.001209	211.88000	556.06903
832.0	0.001202	211.88000	571.68127
847.0	0.001181	211.88000	583.15131
816.0	0.001225	211.88000	589.82739
927.0	0.001079	211.88000	591.31177
771.0	0.001297	211.88000	587.51941
842.0	0.001188	211.88000	578.69525
787.0	0.001271	211.88000	565.28235
801.0	0.001248	211.88000	548.25256
753.0	0.001328	211.88000	528.40564
752.0	0.001330	211.88000	506.67545
787.0	0.001271	211.88000	483.94589
710.0	0.001408	211.88000	460.99500
608.0	0.001645	211.88000	438.46671
620.0	0.001613	211.88000	416.86523
588.0	0.001701	211.88000	396.56625
622.0	0.001608	211.88000	377.83517
538.0	0.001859	211.88000	360.85016
546.0	0.001832	211.88000	345.72253
541.0	0.001848	211.88000	332.51572
512.0	0.001953	211.88000	321.26016
502.0	0.001992	211.88000	311.96588
478.0	0.002092	211.88000	304.63022
515.0	0.001942	211.88000	299.24567
489.0	0.002045	211.88000	295.80365
499.0	0.002004	211.88000	294.29889
470.0	0.002128	211.88000	294.73047
423.0	0.002364	211.88000	297.27725
441.0	0.002268	211.88000	301.60443
452.0	0.002212	211.88000	307.90247
461.0	0.002169	211.88000	316.19379
483.0	0.002070	211.88000	326.50357
452.0	0.002212	211.88000	338.85611
512.0	0.001953	211.88000	353.26996
532.0	0.001880	211.88000	369.75107
550.0	0.001818	211.88000	388.28320
547.0	0.001828	211.88000	408.81522
540.0	0.001852	211.88000	431.24490
578.0	0.001730	211.88000	455.39874
624.0	0.001603	211.88000	481.00900
597.0	0.001675	211.88000	507.77145
602.0	0.001661	211.88000	534.99854



639.0	0.001565	211.88000	562.09741
654.0	0.001529	211.88000	588.25250
638.0	0.001567	211.88000	612.54132
692.0	0.001445	211.88000	634.10956
679.0	0.001473	211.88000	651.85077
777.0	0.001287	211.88000	665.15222
743.0	0.001346	211.88000	673.58923
748.0	0.001337	211.88000	677.10266
753.0	0.001328	211.88000	676.01794
806.0	0.001241	211.88000	670.99915
744.0	0.001344	211.88000	662.94897
732.0	0.001366	211.88000	652.88831
686.0	0.001458	211.88000	641.83734
747.0	0.001339	211.88000	630.71881
704.0	0.001420	211.88000	620.29346
741.0	0.001350	211.88000	611.18964
745.0	0.001342	211.88000	603.63232
755.0	0.001325	211.88000	597.82770
752.0	0.001330	211.88000	593.71191
769.0	0.001300	211.88000	591.02588
712.0	0.001404	211.88000	589.32916
779.0	0.001284	211.88000	588.01245
835.0	0.001198	211.88000	586.38898
801.0	0.001248	211.88000	583.67206
802.0	0.001247	211.88000	579.10291
850.0	0.001176	211.88000	572.02484
880.0	0.001136	211.88000	561.96472
806.0	0.001241	211.88000	548.69403
761.0	0.001314	211.88000	532.25482
807.0	0.001239	211.88000	512.94189
737.0	0.001357	211.88000	491.24872
703.0	0.001422	211.88000	467.78943
641.0	0.001560	211.88000	443.21881
630.0	0.001587	211.88000	418.01431
584.0	0.001712	211.88000	393.02347
538.0	0.001859	211.88000	368.54489
544.0	0.001838	211.88000	344.91956
531.0	0.001883	211.88000	322.38785
524.0	0.001908	211.88000	301.10410
486.0	0.002058	211.88000	281.15302
463.0	0.002160	211.88000	262.56607
464.0	0.002155	211.88000	245.33580
433.0	0.002309	211.88000	229.42659
419.0	0.002387	211.88000	214.78439
429.0	0.002331	211.88000	201.34323
411.0	0.002433	211.88000	189.02989
378.0	0.002646	211.88000	177.76790
377.0	0.002653	211.88000	167.47974
357.0	0.002801	211.88000	158.08887
361.0	0.002770	211.88000	149.52094
331.0	0.003021	211.88000	141.70486
357.0	0.002801	211.88000	134.49144
346.0	0.002890	211.88000	128.01410
317.0	0.003155	211.88000	122.06624

332.0	0.003012	211.88000	116.62628
298.0	0.003356	211.88000	111.64429
298.0	0.003356	211.88000	107.07476
316.0	0.003165	211.88000	102.87651
300.0	0.003333	211.88000	99.01226
289.0	0.003460	211.88000	95.44847
304.0	0.003289	211.88000	92.15505
261.0	0.00383	211.88000	89.10510
299.0	0.003344	211.88000	86.27459
239.0	0.00418	211.88000	83.64209
291.0	0.003436	211.88000	81.18875
290.0	0.003448	211.88000	78.89783
292.0	0.003425	211.88000	76.75487
284.0	0.00352	211.88000	74.74725
306.0	0.003268	211.88000	73.02145
302.0	0.003311	211.88000	71.25425
247.0	0.00405	211.88000	69.59428
249.0	0.00402	211.88000	68.04189
275.0	0.00364	211.88000	66.57628
272.0	0.00368	211.88000	65.19934
267.0	0.00375	211.88000	64.43239
248.0	0.00403	211.88000	63.22070
239.0	0.00418	211.88000	62.08406
272.0	0.00368	211.88000	61.01870
246.0	0.00407	211.88000	60.02109
240.0	0.00417	211.88000	59.08799
271.0	0.00369	211.88000	58.21645
248.0	0.00403	211.88000	57.40374
271.0	0.00369	211.88000	56.64736
272.0	0.00368	211.88000	55.94508
260.0	0.00385	211.88000	55.29486
273.0	0.00366	211.88000	54.69486
238.0	0.00420	211.88000	54.14343
241.0	0.00415	211.88000	53.63917
260.0	0.00385	211.88000	53.18082
266.0	0.00376	211.88000	52.76727
265.0	0.00377	211.88000	52.39766
262.0	0.00382	211.88000	52.07128
275.0	0.00364	212.23511	51.78758
228.0	0.00439	212.67815	51.54620
262.0	0.00382	213.12120	51.34698
269.0	0.00372	213.56491	51.18996
248.0	0.00403	214.00795	51.07532
264.0	0.00379	214.45099	51.00352
289.0	0.003460	214.89470	50.38984
242.0	0.00413	215.33774	50.40899
242.0	0.00413	215.78079	50.47375
262.0	0.00382	216.22450	50.58564
264.0	0.00379	216.66754	50.74649
261.0	0.00383	217.11058	50.95854
294.0	0.003401	217.55429	51.22444
258.0	0.00388	217.99734	51.54730
252.0	0.00397	218.44106	51.93077
232.0	0.00431	218.88409	52.37910

276.0	0.00362	219.32713	52.95447
264.0	0.00379	219.77084	53.54812
276.0	0.00362	220.21390	54.22343
251.0	0.00398	220.65694	54.98762
265.0	0.00377	221.10065	56.01252
247.0	0.00405	221.54369	56.98135
273.0	0.00366	221.98672	58.06608
273.0	0.00366	222.43044	59.27763
258.0	0.00388	222.87349	60.62790
242.0	0.00413	223.31720	62.12977
271.0	0.00369	223.76024	63.79702
274.0	0.00365	224.20328	65.64426
279.0	0.00358	224.64699	67.68678
269.0	0.00372	225.09004	69.94046
262.0	0.00382	225.53308	72.42135
311.0	0.003215	225.97679	75.14556
298.0	0.003356	226.41983	78.12859
305.0	0.003279	226.86287	81.38477
287.0	0.003484	227.30659	84.92632
327.0	0.003058	227.74963	88.76212
302.0	0.003311	228.19267	92.89610
312.0	0.003205	228.63638	97.32496
333.0	0.003003	229.07942	102.03541
297.0	0.003367	229.52313	107.00090
342.0	0.002924	229.96619	112.17767
334.0	0.002994	230.40923	117.50111
382.0	0.002618	230.85294	122.88257
374.0	0.002674	231.29597	128.20842
347.0	0.002882	231.73901	133.34207
415.0	0.002410	232.18274	138.13109
410.0	0.002439	232.62578	142.41962
428.0	0.002336	233.06882	146.06554
401.0	0.002494	233.51253	148.96027
410.0	0.002439	233.95557	151.04640
393.0	0.002545	234.39929	152.32887
403.0	0.002481	234.84233	152.87657
388.0	0.002577	235.28537	152.81340
424.0	0.002358	235.72908	152.30161
372.0	0.002688	236.17212	151.52171
359.0	0.002786	236.61516	150.65347
377.0	0.002653	237.05888	149.86072
440.0	0.002273	237.50192	149.28166
382.0	0.002618	237.94496	149.02353
383.0	0.002611	238.38867	149.16060
408.0	0.002451	238.83171	149.73444
385.0	0.002597	239.27475	150.75362
368.0	0.002717	239.71848	152.19385
421.0	0.002375	240.16151	154.37766
414.0	0.002415	240.60522	156.45551
450.0	0.002222	241.04826	158.68094
467.0	0.002141	241.49130	160.89883
453.0	0.002208	241.93503	162.93094
401.0	0.002494	242.37807	164.58809
431.0	0.002320	242.82111	165.68843

379.0	0.002639	243.26482	166.07782
410.0	0.002439	243.70786	165.65038
442.0	0.002262	244.15089	164.36319
403.0	0.002481	244.59462	162.24153
365.0	0.002740	245.03766	159.37317
359.0	0.002786	245.48137	155.89294
406.0	0.002463	245.92441	151.96339
366.0	0.002732	246.36745	147.75407
366.0	0.002732	246.81117	143.42548
310.0	0.003226	247.25421	139.11810
392.0	0.002551	247.69725	134.94705
353.0	0.002833	248.14096	131.00160
368.0	0.002717	248.58400	127.34711
343.0	0.002915	249.02704	123.98326
333.0	0.003003	249.47076	121.03028
346.0	0.002890	249.91380	118.45948
340.0	0.002941	250.35684	116.27902
295.0	0.003390	250.80055	114.49109
312.0	0.003205	251.24359	113.09395
297.0	0.003367	251.68732	112.08360
310.0	0.003226	252.13036	111.45501
271.0	0.00369	252.57339	111.20287
302.0	0.003311	253.01711	111.32227
329.0	0.003040	253.46014	111.80924
293.0	0.003413	253.90318	112.66090
323.0	0.003096	254.34691	113.87557
343.0	0.002915	254.78995	115.45304
329.0	0.003040	255.23299	117.39446
291.0	0.003436	255.67670	119.70203
341.0	0.002933	256.11975	122.37897
315.0	0.003175	256.56348	125.42889
279.0	0.00358	257.00650	128.85532
350.0	0.002857	257.44952	132.66072
333.0	0.003003	257.89325	136.84561
361.0	0.002770	258.33630	141.40680
388.0	0.002577	258.77933	146.33607
351.0	0.002849	259.22305	151.61835
323.0	0.003096	259.66608	157.22972
360.0	0.002778	260.10913	163.54668
392.0	0.002551	260.55286	169.70622
389.0	0.002571	260.99588	176.06316
372.0	0.002688	261.43893	182.55699
400.0	0.002500	261.88263	189.12529
417.0	0.002398	262.32568	195.71033
373.0	0.002681	262.76941	202.26726
379.0	0.002639	263.21243	208.77217
436.0	0.002294	263.65549	215.22997
421.0	0.002375	264.09918	221.67973
437.0	0.002288	264.54224	228.19670
444.0	0.002252	264.98526	234.89081
411.0	0.002433	265.42899	241.90054
432.0	0.002315	265.87204	249.38452
485.0	0.002062	266.31506	257.51138
470.0	0.002128	266.75879	266.45020

540.0	0.001852	267.20181	276.36258
508.0	0.001969	267.64554	287.39761
577.0	0.001733	268.08859	299.68713
612.0	0.001634	268.53162	313.34348
656.0	0.001524	268.97534	328.45694
684.0	0.001462	269.41837	345.09109
732.0	0.001366	269.86142	363.27914
782.0	0.001279	270.30515	382.62155
767.0	0.001304	270.74817	403.84903
822.0	0.001217	271.19122	426.44958
835.0	0.001198	271.63492	450.23126
858.0	0.001166	272.07797	474.91760
881.0	0.001135	272.52100	500.14307
843.0	0.001186	272.96472	525.47174
880.0	0.001136	273.40778	550.37439
923.0	0.001083	273.85147	574.33990
883.0	0.001133	274.29453	596.88818
935.0	0.001070	274.73755	617.65082
909.0	0.001100	275.18127	636.43250
932.0	0.001073	275.62433	653.25232
868.0	0.001152	276.06735	668.35052
934.0	0.001071	276.51108	682.15771
925.0	0.001081	276.95410	695.23730
973.0	0.001028	277.39716	708.21661
1053.0	0.000950	277.84088	721.71960
1072.0	0.000933	278.28391	736.31744
1051.0	0.000951	278.72763	752.49658
1110.0	0.000901	279.17065	770.64056
1032.0	0.000969	279.61371	791.01874
1023.0	0.000978	280.05743	813.77386
1130.0	0.000885	280.50046	838.90045
1140.0	0.000877	280.94351	866.21729
1230.0	0.000813	281.38721	895.33313
1255.0	0.000797	281.83026	925.61591
1398.0	0.000715	282.27328	956.17554
1309.0	0.000764	282.71701	985.87177
1361.0	0.000735	283.16006	1013.36237
1445.0	0.000692	283.60309	1037.19666
1419.0	0.000705	284.04681	1055.95642
1437.0	0.000696	284.48984	1068.42249
1451.0	0.000689	284.93356	1073.74194
1424.0	0.000702	285.37662	1071.54736
1296.0	0.000772	285.81964	1062.00085
1237.0	0.000808	286.26337	1045.74646
1081.0	0.000925	286.70639	1023.78070
1130.0	0.000885	287.14944	997.28534
1008.0	0.000992	287.59317	967.45148
1032.0	0.000969	288.03619	935.34302
835.0	0.001198	288.47925	901.80878
843.0	0.001186	288.92294	867.45844
832.0	0.001202	289.36600	832.68317
811.0	0.001233	289.80972	797.71405
738.0	0.001355	290.25275	762.69501
779.0	0.001284	290.69580	727.74945

753.0	0.001328	291.13950	693.02997
699.0	0.001431	291.58255	658.73907
676.0	0.001479	292.02557	625.12354
662.0	0.001511	292.46930	592.45160
703.0	0.001422	292.91235	560.98004
616.0	0.001623	293.35538	530.92719
637.0	0.001570	293.79910	502.45355
649.0	0.001541	294.24213	475.65436
591.0	0.001692	294.68518	450.56207
622.0	0.001608	295.12891	427.15842
582.0	0.001718	295.57193	405.38904
598.0	0.001672	296.01566	385.17963
588.0	0.001701	296.45868	366.45056
558.0	0.001792	296.90173	349.12613
512.0	0.001953	297.34546	333.13937
520.0	0.001923	297.78848	318.43411
467.0	0.002141	298.23154	304.96152
476.0	0.002101	298.67523	292.67789
457.0	0.002188	299.11829	281.54166
431.0	0.002320	299.56134	271.51111
460.0	0.002174	300.00504	262.54407
469.0	0.002132	300.44809	254.59808
459.0	0.002179	300.89178	247.63115
435.0	0.002299	301.33484	241.60326
439.0	0.002278	301.77789	236.47752
434.0	0.002304	302.22159	232.25035
433.0	0.002309	302.66464	228.83728
402.0	0.002488	303.10767	226.24631
428.0	0.002336	303.55139	224.46385
398.0	0.002513	303.99445	223.48360
419.0	0.002387	304.43747	223.30762
419.0	0.002387	304.88120	223.94617
392.0	0.002551	305.32422	225.41805
457.0	0.002188	305.76727	227.75093
426.0	0.002347	306.21097	230.98157
404.0	0.002475	306.65402	235.15558
462.0	0.002165	307.09775	240.32748
458.0	0.002183	307.54077	246.56067
450.0	0.002222	307.98383	253.92683
439.0	0.002278	308.42752	262.50568
472.0	0.002119	308.87057	272.38416
500.0	0.002000	309.31363	283.65506
510.0	0.001961	309.75732	296.41620
501.0	0.001996	310.20038	310.76837
546.0	0.001832	310.64340	326.81271
590.0	0.001695	311.08713	344.44208
591.0	0.001692	311.53018	364.15945
653.0	0.001531	311.97388	385.83606
638.0	0.001567	312.41693	409.52808
677.0	0.001477	312.85995	435.25955
661.0	0.001513	313.30368	463.00800
748.0	0.001337	313.74673	492.68616
802.0	0.001247	314.18976	524.12012
785.0	0.001274	314.63348	557.02234

884.0	0.001131	315.07651	590.96515
906.0	0.001104	315.51956	625.35468
909.0	0.001100	315.96329	659.50708
927.0	0.001079	316.40631	692.27661
977.0	0.001024	316.84937	722.64081
942.0	0.001062	317.29306	749.39185
982.0	0.001018	317.73611	771.32642
1042.0	0.000960	318.17984	787.37079
943.0	0.001060	318.62286	796.71014
934.0	0.001071	319.06592	798.89484
946.0	0.001057	319.50961	793.89429
926.0	0.001080	319.95267	782.08618
921.0	0.001086	320.39569	764.20233
911.0	0.001098	320.83942	741.28302
867.0	0.001153	321.28247	714.25092
901.0	0.001110	321.72549	684.29340
874.0	0.001144	322.16922	652.45984
859.0	0.001164	322.61224	619.68262
818.0	0.001222	323.05597	586.78754
748.0	0.001337	323.49902	554.42957
674.0	0.001484	323.94205	523.13281
724.0	0.001381	324.38577	493.29163
646.0	0.001548	324.82880	465.18741
682.0	0.001466	325.27185	439.00595
662.0	0.001511	325.71558	414.85638
575.0	0.001739	326.15860	392.81830
572.0	0.001748	326.60165	372.68182
563.0	0.001776	327.04535	354.75549
568.0	0.001761	327.48840	338.83560
530.0	0.001887	327.93143	324.53180
518.0	0.001931	328.37515	312.42416
542.0	0.001845	328.81821	302.10876
567.0	0.001764	329.26190	293.50864
510.0	0.001961	329.70496	286.54807
551.0	0.001815	330.14798	281.15427
534.0	0.001873	330.59171	277.25818
483.0	0.002070	331.03476	274.79340
527.0	0.001898	331.47778	273.69617
538.0	0.001859	331.92151	273.90280
505.0	0.001980	332.36453	275.34763
550.0	0.001818	332.80759	277.95850
578.0	0.001730	333.25131	281.65274
513.0	0.001949	333.69434	286.33011
500.0	0.002000	334.13806	291.86649
573.0	0.001745	334.58109	298.10638
544.0	0.001838	335.02414	304.85663
565.0	0.001770	335.46786	311.88275
616.0	0.001623	335.91089	318.91040
638.0	0.001567	336.35394	325.63498
593.0	0.001686	336.79764	331.74002
629.0	0.001590	337.24069	336.92578
609.0	0.001642	337.68372	340.94345
649.0	0.001541	338.12744	343.63016
663.0	0.001508	338.57050	344.93524

652.0	0.001534	339.01352	344.93088
628.0	0.001592	339.45724	343.80621
612.0	0.001634	339.90027	341.84225
629.0	0.001590	340.34399	339.38062
647.0	0.001546	340.78705	336.78683
626.0	0.001597	341.23007	334.42133
605.0	0.001653	341.67380	332.62677
616.0	0.001623	342.11682	331.68378
607.0	0.001647	342.55988	331.85672
611.0	0.001637	343.00360	333.36313
633.0	0.001580	343.44662	336.38721
593.0	0.001686	343.88968	341.08566
666.0	0.001502	344.33337	347.59384
659.0	0.001517	344.77643	356.02988
715.0	0.001399	345.22015	366.49731
678.0	0.001475	345.66318	379.08716
670.0	0.001493	346.10623	393.87598
712.0	0.001404	346.54993	410.92349
705.0	0.001418	346.99298	429.78131
676.0	0.001479	347.43600	451.42783
735.0	0.001361	347.87973	475.33780
706.0	0.001416	348.32278	501.41476
714.0	0.001401	348.76581	529.48267
719.0	0.001391	349.20953	559.26312
692.0	0.001445	349.65256	590.34845
705.0	0.001418	350.09561	622.17633
747.0	0.001339	350.53934	654.01117
787.0	0.001271	350.98236	684.93774
701.0	0.001427	351.42609	713.88031
786.0	0.001272	351.86911	739.64868
708.0	0.001412	352.31216	761.02222
800.0	0.001250	352.75589	776.86401
772.0	0.001295	353.19891	786.24811
781.0	0.001280	353.64197	788.57996
787.0	0.001271	354.08566	783.67920
716.0	0.001397	354.52872	771.80475
811.0	0.001233	354.97174	753.61743
793.0	0.001261	355.41547	729.98444
748.0	0.001337	355.85852	702.26093
775.0	0.001290	356.30222	671.28680
768.0	0.001302	356.74527	638.75916
794.0	0.001259	357.18829	605.44055
784.0	0.001276	357.63202	572.19403
731.0	0.001368	358.07507	539.70398
716.0	0.001397	358.51810	508.48410
677.0	0.001477	358.96182	478.89841
654.0	0.001529	359.40485	451.18854
645.0	0.001550	359.84790	425.49893
631.0	0.001585	360.29163	401.90131
598.0	0.001672	360.73465	380.41400
613.0	0.001631	361.17770	361.01770
594.0	0.001684	361.62140	343.66833
586.0	0.001706	362.06445	328.30576
600.0	0.001667	362.50818	314.86090



533.0	0.001876	362.95120	303.26053
493.0	0.002028	363.39426	293.43134
500.0	0.002000	363.83795	285.30209
543.0	0.001842	364.28101	278.80548
523.0	0.001912	364.72403	273.87952
510.0	0.001961	365.16776	270.46738
511.0	0.001957	365.61081	268.51779
476.0	0.002101	366.05383	267.98404
485.0	0.002062	366.49756	268.82269
542.0	0.001845	366.94058	270.99142
510.0	0.001961	367.38431	274.44604
517.0	0.001934	367.82736	279.13647
508.0	0.001969	368.27039	285.00150
546.0	0.001832	368.71411	291.96298
519.0	0.001927	369.15714	299.91873
540.0	0.001852	369.60019	308.73486
529.0	0.001890	370.04391	318.23987
531.0	0.001883	370.48694	328.21970
525.0	0.001905	370.92999	338.41711
515.0	0.001942	371.37369	348.53650
540.0	0.001852	371.81674	358.37860
542.0	0.001845	372.25977	367.36261
529.0	0.001890	372.70349	375.28979
517.0	0.001934	373.14655	381.87140
581.0	0.001721	373.59024	386.87384
571.0	0.001751	374.03329	390.13669
533.0	0.001876	374.47632	391.58292
570.0	0.001754	374.92004	391.22537
556.0	0.001799	375.36310	389.16513
566.0	0.001767	375.80612	385.57977
585.0	0.001709	376.24985	380.70346
524.0	0.001908	376.69287	374.79861
539.0	0.001855	377.13593	368.12509
536.0	0.001866	377.57965	360.91187
561.0	0.001783	378.02267	353.33640
539.0	0.001855	378.46640	345.51526
545.0	0.001835	378.90942	337.50754
521.0	0.001919	379.35248	329.32803
507.0	0.001972	379.79620	320.96814
497.0	0.002012	380.23923	312.42010
524.0	0.001908	380.68228	303.69556
534.0	0.001873	381.12598	294.83899
474.0	0.002110	381.56903	285.93018
494.0	0.002024	382.01208	277.07831
437.0	0.002288	382.45578	268.41031
423.0	0.002364	382.89883	260.05679
451.0	0.002217	383.34186	252.14049
457.0	0.002188	383.78558	244.76775
450.0	0.002222	384.03003	238.02403
407.0	0.002457	383.47931	231.97346
388.0	0.002577	382.92944	226.66087
404.0	0.002475	382.37955	222.11472
411.0	0.002433	381.82883	218.35109
415.0	0.002410	381.27896	215.37766

399.0	0.002506	380.72906	213.19656
422.0	0.002370	380.17834	211.80746
413.0	0.002421	379.62848	211.20981
418.0	0.002392	379.07858	211.40433
418.0	0.002392	378.52786	212.39458
408.0	0.002451	377.97800	214.18788
434.0	0.002304	377.42725	216.79572
468.0	0.002137	376.87738	220.23442
450.0	0.002222	376.32748	224.52525
490.0	0.002041	375.77676	229.69409
453.0	0.002208	375.22690	235.77119
501.0	0.001996	374.67700	242.79033
481.0	0.002079	374.12628	250.78772
509.0	0.001965	373.57642	259.80057
512.0	0.001953	373.02652	269.86575
551.0	0.001815	372.47580	281.01816
514.0	0.001946	371.92593	293.29047
516.0	0.001938	371.37604	306.71237
532.0	0.001880	370.82532	321.31363
576.0	0.001736	370.27545	337.12714
597.0	0.001675	369.72473	354.19482
598.0	0.001672	369.17484	372.57422
651.0	0.001536	368.62497	392.34390
673.0	0.001486	368.07425	413.60632
649.0	0.001541	367.52435	436.48553
633.0	0.001580	366.97449	461.11902
708.0	0.001412	366.42377	487.64377
754.0	0.001326	365.87387	516.17841
791.0	0.001264	365.32397	546.80096
827.0	0.001209	364.77325	579.52679
873.0	0.001145	364.22339	614.28503
879.0	0.001138	363.67267	650.89624
901.0	0.001110	363.12277	689.05237
1022.0	0.000978	362.57291	728.30029
942.0	0.001062	362.02219	768.03271
996.0	0.001004	361.47229	807.48785
1053.0	0.000950	360.92242	845.76117
1117.0	0.000895	360.37170	881.82788
1109.0	0.000902	359.82181	914.58075
1180.0	0.000847	359.27194	942.87689
1230.0	0.000813	358.72122	965.60297
1230.0	0.000813	358.17133	981.75348
1198.0	0.000835	357.62146	990.52246
1200.0	0.000833	357.07074	991.40149
1211.0	0.000826	356.52084	984.25903
1163.0	0.000860	355.97012	969.29919
1179.0	0.000848	355.42026	947.39362
1105.0	0.000905	354.87036	919.49677
1090.0	0.000917	354.31964	886.87964
1100.0	0.000909	353.76974	850.91107
1018.0	0.000982	353.21988	812.93829
950.0	0.001053	352.66916	774.19189
907.0	0.001103	352.11926	735.72852
895.0	0.001117	351.56940	698.40765

819.0	0.001221	351.01868	662.89429
860.0	0.001163	350.46878	629.67822
735.0	0.001361	349.91806	599.10199
777.0	0.001287	349.36819	571.39008
733.0	0.001364	348.81830	546.67621
714.0	0.001401	348.26758	525.02686
687.0	0.001456	347.71771	506.45975
685.0	0.001460	347.16782	490.95834
654.0	0.001529	346.61710	478.48151
625.0	0.001600	346.06723	468.97150
674.0	0.001484	345.51733	462.35657
683.0	0.001464	344.96661	458.55362
649.0	0.001541	344.41675	457.46658
640.0	0.001563	343.86685	458.89240
689.0	0.001451	343.31613	462.88077
685.0	0.001460	342.76624	469.17786
732.0	0.001366	342.21552	477.58255
638.0	0.001567	341.66565	487.84387
690.0	0.001449	341.11575	499.64886
689.0	0.001451	340.56503	512.61169
696.0	0.001437	340.01517	526.26611
773.0	0.001294	339.46527	540.06329
796.0	0.001256	338.91455	553.38019
762.0	0.001312	338.36469	565.53754
757.0	0.001321	337.81479	575.83350
799.0	0.001252	337.26407	583.58942
723.0	0.001383	336.71420	588.20776
775.0	0.001290	336.16348	589.23315
813.0	0.001230	335.61359	586.40637
745.0	0.001342	335.06372	579.70148
787.0	0.001271	334.51300	569.33124
762.0	0.001312	333.96310	555.72192
729.0	0.001372	333.41324	539.46246
759.0	0.001318	332.86252	521.22229
746.0	0.001340	332.31262	501.70358
661.0	0.001513	331.76273	481.56870
662.0	0.001511	331.21201	461.40497
629.0	0.001590	330.66214	441.70459
636.0	0.001572	330.11224	422.85944
568.0	0.001761	329.56152	405.16867
562.0	0.001779	329.01166	388.85101
606.0	0.001650	328.46094	374.06009
579.0	0.001727	327.91104	360.89920
543.0	0.001842	327.36118	349.43484
491.0	0.002037	326.81046	339.70761
547.0	0.001828	326.26056	331.74048
527.0	0.001898	325.71069	325.54642
508.0	0.001969	325.15997	321.13214
555.0	0.001802	324.61008	318.50259
507.0	0.001972	324.06021	317.66205
536.0	0.001866	323.50949	318.61652
567.0	0.001764	322.95959	321.37350
576.0	0.001736	322.40887	325.94165
533.0	0.001876	321.85901	332.33005

497.0	0.002012	321.30911	340.54550
502.0	0.001992	320.75839	350.56967
492.0	0.002033	320.20850	362.43454
542.0	0.001845	319.65863	376.09552
585.0	0.001709	319.10791	391.50320
542.0	0.001845	318.55801	408.53333
561.0	0.001783	318.00815	427.12762
592.0	0.001689	317.45743	447.04507
633.0	0.001580	316.90753	467.99771
614.0	0.001629	316.35767	489.59457
630.0	0.001587	315.80695	511.32614
647.0	0.001546	315.25705	532.55884
590.0	0.001695	314.70633	552.54425
624.0	0.001603	314.15646	570.44934
685.0	0.001460	313.60657	585.41260
695.0	0.001439	313.05585	596.62219
716.0	0.001397	312.50598	603.40918
712.0	0.001404	311.95609	605.33423
715.0	0.001399	311.40536	602.25183
730.0	0.001370	310.85550	594.33191
751.0	0.001332	310.30560	582.03424
732.0	0.001366	309.75488	566.04236
635.0	0.001575	309.20499	547.17438
634.0	0.001577	308.65427	526.29083
623.0	0.001605	308.10440	504.21829
603.0	0.001658	307.55450	481.69583
639.0	0.001565	307.00378	459.34579
631.0	0.001585	306.45392	437.66638
593.0	0.001686	305.90402	417.03891
631.0	0.001585	305.35330	397.74252
580.0	0.001724	304.80344	379.64899
559.0	0.001789	304.25354	363.53876
567.0	0.001764	303.70282	349.16852
542.0	0.001845	303.15295	336.58578
569.0	0.001757	302.60306	325.81485
523.0	0.001912	302.05234	316.86490
525.0	0.001905	301.50247	309.73630
536.0	0.001866	300.95175	304.42563
540.0	0.001852	300.40186	300.92868
509.0	0.001965	299.85199	299.18527
567.0	0.001764	299.30127	299.31107
603.0	0.001658	298.75137	301.25159
521.0	0.001919	298.20148	305.01370
538.0	0.001859	297.65076	310.60663
623.0	0.001605	297.10089	318.04037
593.0	0.001686	296.55099	327.32300
619.0	0.001616	296.00027	338.45721
620.0	0.001613	295.45041	351.43512
662.0	0.001511	294.89969	366.23056
676.0	0.001479	294.34979	382.84232
731.0	0.001368	293.79993	401.07391
716.0	0.001397	293.24921	420.83002
741.0	0.001350	292.69931	441.09863
773.0	0.001294	292.14944	463.15656

788.0	0.001269	291.59872	485.78473
802.0	0.001247	291.04883	508.43353
841.0	0.001189	290.49896	530.42242
923.0	0.001083	289.94824	550.94879
906.0	0.001104	289.39835	569.12372
956.0	0.001046	288.84848	584.03033
900.0	0.001111	288.29776	594.80884
931.0	0.001074	287.74786	600.75409
930.0	0.001075	287.19714	601.40668
948.0	0.001055	286.64725	596.61890
941.0	0.001063	286.09738	586.57629
865.0	0.001156	285.54666	571.56152
834.0	0.001199	284.99677	552.70929
815.0	0.001227	284.44690	530.67261
842.0	0.001188	283.89618	506.35260
774.0	0.001292	283.34628	480.61136
687.0	0.001456	282.79642	454.21494
675.0	0.001481	282.24570	427.80319
678.0	0.001475	281.69580	401.88211
602.0	0.001661	281.14508	376.83020
628.0	0.001592	280.59521	352.91467
579.0	0.001727	280.04532	330.31058
579.0	0.001727	279.49460	309.11926
557.0	0.001795	278.94473	289.35721
533.0	0.001876	278.39484	271.08533
511.0	0.001957	277.84412	254.24709
509.0	0.001965	277.29425	238.79274
473.0	0.002114	276.74435	224.65654
486.0	0.002058	276.19363	211.76163
505.0	0.001980	275.64374	200.02313
432.0	0.002315	275.09387	189.35037
441.0	0.002268	274.54315	179.64870
436.0	0.002294	273.99326	170.82101
428.0	0.002336	273.44254	162.76933
446.0	0.002242	272.89267	155.39673
428.0	0.002336	272.34277	148.61003
401.0	0.002494	271.79205	142.62776
361.0	0.002770	271.24219	136.76385
365.0	0.002740	270.69229	131.25710
410.0	0.002439	270.14157	126.05612
353.0	0.002833	269.59171	121.12320
352.0	0.002841	269.04181	116.43302
341.0	0.002933	268.49109	111.97024
339.0	0.002950	267.94122	107.72639
337.0	0.002967	267.39050	103.69713
335.0	0.002985	266.84061	99.87977
360.0	0.002778	266.29074	96.27161
353.0	0.002833	265.74002	92.86906
315.0	0.003175	265.19012	89.66714
305.0	0.003279	264.64023	86.65960
333.0	0.003003	264.08951	83.83913
310.0	0.003226	263.53964	81.19759
292.0	0.003425	262.98975	78.72649
294.0	0.003401	262.43903	76.41704

297.0	0.003367	261.88916	74.26064
306.0	0.003268	261.33926	72.24886
292.0	0.003425	260.78854	70.37362
296.0	0.003378	260.23868	68.62725
305.0	0.003279	259.68796	67.00253
267.0	0.00375	259.13806	65.49277
251.0	0.00398	258.58820	64.09174
258.0	0.00388	258.03748	62.79377
277.0	0.00361	257.48758	61.59365
276.0	0.00362	256.93768	60.48672
266.0	0.00376	256.38696	59.46884
275.0	0.00364	255.83710	58.53634
290.0	0.003448	255.28722	57.68613
241.0	0.00415	254.73650	56.91559
274.0	0.00365	254.18661	56.22263
252.0	0.00397	253.63589	55.60571
260.0	0.00385	253.08601	55.06378
279.0	0.00358	252.53613	54.59636
269.0	0.00372	251.98541	54.20347
272.0	0.00368	251.43553	53.88569
263.0	0.00380	250.88565	53.00186
248.0	0.00403	250.33493	52.84143
230.0	0.00435	249.78505	52.76099
264.0	0.00379	249.23517	52.76326
240.0	0.00417	248.68445	52.85141
232.0	0.00431	248.13457	53.02916
257.0	0.00389	247.58467	53.21338
287.0	0.003484	247.03395	53.58361
269.0	0.00372	246.48407	54.05708
231.0	0.00433	245.93335	54.63905
275.0	0.00364	245.38347	55.33496
256.0	0.00391	244.83359	56.15041
282.0	0.00355	244.28287	57.09092
288.0	0.003472	243.73299	58.16178
289.0	0.003460	243.18311	59.36773
270.0	0.00370	242.63239	60.71267
266.0	0.00376	242.08250	62.19906
245.0	0.00408	241.53262	63.82737
297.0	0.003367	240.98190	65.59521
293.0	0.003413	240.43202	67.49635
305.0	0.003279	239.88130	69.51950
262.0	0.00382	239.33142	71.64713
270.0	0.00370	238.78154	73.85423
316.0	0.003165	238.23082	76.10754
306.0	0.003268	237.68094	78.36538
313.0	0.003195	237.13106	80.57890
326.0	0.003067	236.58032	82.69460
329.0	0.003040	236.03044	84.65893
325.0	0.003077	235.48056	86.42420
328.0	0.003049	234.92984	87.95530
337.0	0.002967	234.37996	89.23557
312.0	0.003205	233.83008	90.27111
312.0	0.003205	233.27936	91.09145
281.0	0.00356	232.72948	91.84165

313.0	0.003195	232.17876	92.40081
317.0	0.003155	231.62888	92.93954
281.0	0.00356	231.07899	93.53816
308.0	0.003247	230.52827	94.27510
328.0	0.003049	229.97839	95.22346
308.0	0.003247	229.42851	96.44885
316.0	0.003165	228.87779	98.00899
267.0	0.00375	228.32791	99.95387
293.0	0.003413	227.77803	102.32654
282.0	0.00355	227.22731	105.16390
311.0	0.003215	226.67743	108.49718
281.0	0.00356	226.12671	112.35210
301.0	0.003322	225.57681	116.74853
345.0	0.002899	225.02693	121.69936
323.0	0.003096	224.47621	127.20873
314.0	0.003185	223.92633	133.26958
333.0	0.003003	223.37645	139.86014
339.0	0.002950	222.82573	146.94026
324.0	0.003086	222.27585	154.44698
342.0	0.002924	221.72597	162.29065
363.0	0.002755	221.17525	170.35252
366.0	0.002732	220.62537	178.48439
352.0	0.002841	220.07549	186.51274
406.0	0.002463	219.52477	194.24748
399.0	0.002506	218.97488	201.49614
413.0	0.002421	218.42416	208.08133
382.0	0.002618	217.87428	213.85927
422.0	0.002370	217.32440	218.73407
442.0	0.002262	216.77368	222.66438
416.0	0.002404	216.22380	225.65923
439.0	0.002278	215.67392	227.76421
426.0	0.002347	215.12320	229.04187
480.0	0.002083	214.57332	229.55081
501.0	0.001996	214.02342	229.33028
462.0	0.002165	213.47270	228.39307
430.0	0.002326	212.92282	226.72913
460.0	0.002174	212.37210	224.31776
477.0	0.002096	211.82222	221.32509
408.0	0.002451	211.27234	217.40019
429.0	0.002331	210.72162	212.76622
412.0	0.002427	210.17174	207.50420
430.0	0.002326	209.62186	201.72569
420.0	0.002381	209.07114	195.55997
380.0	0.002632	208.52126	189.13724
419.0	0.002387	207.97137	182.57359
403.0	0.002481	207.42065	175.96002
342.0	0.002924	206.87077	169.35780
373.0	0.002681	206.32089	162.79929
404.0	0.002475	205.77017	156.29425
370.0	0.002703	205.22029	149.83937
365.0	0.002740	204.66957	143.42822
357.0	0.002801	204.11969	137.06026
390.0	0.002564	203.56981	131.40376
335.0	0.002985	203.01907	125.17044

348.0	0.002874	202.46919	119.04984
339.0	0.002950	201.91931	113.08372
288.0	0.003472	201.36859	107.31520
311.0	0.003215	200.81871	101.78431
313.0	0.003195	200.26883	96.52442
293.0	0.003413	199.71811	91.56049
308.0	0.003247	199.16823	86.90865
292.0	0.003425	198.61751	82.57678
319.0	0.003135	198.06763	78.56581
273.0	0.00366	197.51775	74.87093
253.0	0.00395	196.96703	71.48335
276.0	0.00362	196.41714	68.39120
242.0	0.00413	195.86726	65.58077
266.0	0.00376	195.31654	63.03730
244.0	0.00410	194.76666	60.74545
290.0	0.003448	194.21678	58.68974
251.0	0.00398	193.66606	56.85471
234.0	0.00427	193.11618	55.46216
240.0	0.00417	192.56630	54.02351
244.0	0.00410	192.01558	52.75932
239.0	0.00418	191.46568	51.65364
242.0	0.00413	190.91496	50.68970
239.0	0.00418	190.36508	49.84961
250.0	0.00400	189.81520	49.11399
277.0	0.00361	189.26448	48.46192
250.0	0.00400	188.71460	47.87096
255.0	0.00392	188.16472	47.31773
246.0	0.00407	187.61400	46.77882
235.0	0.00426	187.06412	46.23232
241.0	0.00415	186.51424	45.65931
203.0	0.00493	185.96352	45.04573
229.0	0.00437	185.41364	44.38351
202.0	0.00495	184.86292	43.67108
238.0	0.00420	184.31303	42.91309
227.0	0.00441	183.76315	42.11912
234.0	0.00427	183.21243	41.30213
260.0	0.00385	182.66255	40.47659
250.0	0.00400	182.11267	39.65690
206.0	0.00485	181.56195	38.85626
234.0	0.00427	181.01207	38.08591
263.0	0.00380	180.46217	37.35489
231.0	0.00433	179.91145	36.67007
250.0	0.00400	179.36157	36.03637
217.0	0.00461	178.81169	35.45710
204.0	0.00490	178.26097	34.93426
237.0	0.00422	177.71109	34.46893
221.0	0.00452	177.16037	34.06150
242.0	0.00413	176.61049	33.71189
199.0	0.00503	176.06061	33.41979
231.0	0.00433	175.50989	33.18475
239.0	0.00418	174.96001	33.00632
211.0	0.00474	175.12231	32.88414
220.0	0.00455	175.28488	32.81801
217.0	0.00461	175.44719	32.80799



235.0	0.00426	175.60951	32.85441
223.0	0.00448	175.77206	32.95796
230.0	0.00435	175.93437	32.86586
228.0	0.00439	176.09694	32.71085
221.0	0.00452	176.25925	32.99697
249.0	0.00402	176.42157	33.34760
259.0	0.00386	176.58412	33.76606
220.0	0.00455	176.74644	34.25637
237.0	0.00422	176.90875	34.82341
248.0	0.00403	177.07130	35.47287
251.0	0.00398	177.23363	36.21138
221.0	0.00452	177.39594	37.04662
247.0	0.00405	177.55850	37.98732
232.0	0.00431	177.72081	39.04340
222.0	0.00450	177.88312	40.22593
225.0	0.00444	178.04568	41.54729
252.0	0.00397	178.20799	43.02107
250.0	0.00400	178.37056	44.66218
228.0	0.00439	178.53287	46.48676
254.0	0.00394	178.69518	48.51218
259.0	0.00386	178.85774	50.75688
270.0	0.00370	179.02005	53.26243
283.0	0.00353	179.18237	56.00498
255.0	0.00392	179.34492	59.02733
269.0	0.00372	179.50725	62.35051
263.0	0.00380	179.66956	65.99527
288.0	0.003472	179.83212	69.98152
235.0	0.00426	179.99443	74.32758
246.0	0.00407	180.15698	79.04891
292.0	0.003425	180.31931	84.15687
261.0	0.00383	180.48161	89.65665
298.0	0.003356	180.64418	95.54491
282.0	0.00355	180.80649	101.80637
282.0	0.00355	180.96880	108.41006
257.0	0.00389	181.13136	115.30456
333.0	0.003003	181.29367	122.41290
297.0	0.003367	181.45599	129.62759
292.0	0.003425	181.61855	136.80644
280.0	0.00357	181.78085	143.77109
330.0	0.003030	181.94318	150.30922
348.0	0.002874	182.10573	156.54726
320.0	0.003125	182.26805	161.50958
382.0	0.002618	182.43060	165.32101
351.0	0.002849	182.59293	167.78014
351.0	0.002849	182.75523	168.74675
353.0	0.002833	182.91779	168.16145
356.0	0.002809	183.08011	165.97244
305.0	0.003279	183.24242	162.45850
346.0	0.002890	183.40498	157.72104
324.0	0.003086	183.56729	151.98862
340.0	0.002941	183.72960	145.50882
288.0	0.003472	183.89217	138.42010
298.0	0.003356	184.05447	131.15445
287.0	0.003484	184.21704	123.79660

330.0	0.003030	184.37935	116.50057
309.0	0.003236	184.54166	109.38490
279.0	0.00358	184.70422	102.53597
269.0	0.00372	184.86653	96.01294
264.0	0.00379	185.02885	89.89021
330.0	0.003030	185.19141	84.11304
256.0	0.00391	185.35373	78.72540
276.0	0.00362	185.51604	73.72437
251.0	0.00398	185.67859	69.10027
267.0	0.00375	185.84091	64.77428
241.0	0.00415	186.00322	60.85742
280.0	0.00357	186.16579	57.26545
268.0	0.00373	186.32809	53.97755
268.0	0.00373	186.49066	50.97245
258.0	0.00388	186.65297	48.22890
228.0	0.00439	186.81528	45.72614
239.0	0.00418	186.97784	43.44403
215.0	0.00465	187.14015	41.36338
256.0	0.00391	187.23294	39.46602
219.0	0.00457	187.04738	37.73493
234.0	0.00427	186.86209	36.22221
249.0	0.00402	186.67679	34.77769
247.0	0.00405	186.49123	33.45564
254.0	0.00394	186.30594	32.24384
235.0	0.00426	186.12036	31.13125
264.0	0.00379	185.93507	30.10793
239.0	0.00418	185.74979	29.16496
241.0	0.00415	185.56421	28.85217
229.0	0.00437	185.37892	28.04930
242.0	0.00413	185.19363	27.30543
214.0	0.00467	185.00806	26.61497
223.0	0.00448	184.82277	25.97298
195.0	0.00513	184.63748	25.37509
219.0	0.00457	184.45190	24.81742
209.0	0.00478	184.26662	24.29655
209.0	0.00478	184.08133	23.80945
242.0	0.00413	183.89575	23.35341
221.0	0.00452	183.71046	22.92604
198.0	0.00505	183.52490	22.52519
225.0	0.00444	183.33961	22.14894
214.0	0.00467	183.15431	21.79556
238.0	0.00420	182.96875	21.46351
225.0	0.00444	182.78346	21.15137
245.0	0.00408	182.59818	20.85790
251.0	0.00398	182.41260	20.58191
221.0	0.00452	182.22731	20.43985
224.0	0.00446	182.04202	20.19659
205.0	0.00488	181.85645	19.96795
216.0	0.00463	181.67116	19.75312
191.0	0.00524	181.48558	19.55135
205.0	0.00488	181.30029	19.36197
184.0	0.00543	181.11501	19.18437
191.0	0.00524	180.92943	19.01796
200.0	0.00500	180.74414	18.86222

228.0	0.00439	180.55885	18.71666
202.0	0.00495	180.37328	18.58085
234.0	0.00427	180.18799	18.45437
243.0	0.00412	180.00270	18.33684
218.0	0.00459	179.81714	18.22792
195.0	0.00513	179.63184	18.12731
218.0	0.00459	179.44655	18.03471
200.0	0.00500	179.26099	17.79208
219.0	0.00457	179.07570	17.71543
237.0	0.00422	178.89012	17.64608
194.0	0.00515	178.70483	17.57645
229.0	0.00437	178.51955	17.52121
209.0	0.00478	178.33397	17.47277
191.0	0.00524	178.14868	16.90394
181.0	0.00552	177.96339	16.87111
207.0	0.00483	177.77782	16.84478
201.0	0.00498	177.59253	16.83190
221.0	0.00452	177.40724	16.81853
225.0	0.00444	177.22166	16.81159
215.0	0.00465	177.03638	16.81114
207.0	0.00483	176.85080	16.81724
214.0	0.00467	176.66551	16.82997
205.0	0.00488	176.48022	16.99526
194.0	0.00515	176.29466	17.02231
211.0	0.00474	176.10936	17.05648
215.0	0.00465	175.92407	17.09800
225.0	0.00444	175.73851	17.14714
209.0	0.00478	175.55322	17.20420
218.0	0.00459	175.36792	17.26954
207.0	0.00483	175.18236	17.34354
201.0	0.00498	174.99707	17.42663
217.0	0.00461	174.96001	17.51929
214.0	0.00467	174.96001	17.62201
231.0	0.00433	174.96001	17.73533
240.0	0.00417	174.96001	17.85981
214.0	0.00467	174.96001	17.99603
214.0	0.00467	174.96001	18.14459
204.0	0.00490	174.96001	18.30608
201.0	.	.	.
209.0	.	.	.
205.0	.	.	.
221.0	.	.	.
249.0	.	.	.
219.0	.	.	.
211.0	.	.	.
194.0	.	.	.
215.0	.	.	.
207.0	.	.	.
226.0	.	.	.
177.0	.	.	.
214.0	.	.	.
211.0	.	.	.
209.0	.	.	.
223.0	.	.	.

230.0	.	.	.
222.0	.	.	.
236.0	.	.	.
233.0	.	.	.
209.0	.	.	.
242.0	.	.	.
215.0	.	.	.
213.0	.	.	.
219.0	.	.	.
231.0	.	.	.
207.0	.	.	.
212.0	.	.	.
224.0	.	.	.
207.0	.	.	.
226.0	.	.	.
200.0	.	.	.
237.0	.	.	.
226.0	.	.	.
230.0	.	.	.
219.0	.	.	.
186.0	.	.	.
221.0	.	.	.
213.0	.	.	.
203.0	.	.	.
243.0	.	.	.
236.0	.	.	.
236.0	.	.	.
202.0	.	.	.
228.0	.	.	.
238.0	.	.	.
229.0	.	.	.
213.0	.	.	.
224.0	.	.	.
233.0	.	.	.
232.0	.	.	.
240.0	.	.	.
204.0	.	.	.
250.0	.	.	.
236.0	.	.	.
235.0	.	.	.
207.0	.	.	.
243.0	.	.	.
240.0	.	.	.
240.0	.	.	.
240.0	.	.	.
219.0	.	.	.
226.0	.	.	.
252.0	.	.	.
229.0	.	.	.
261.0	.	.	.
242.0	.	.	.
221.0	.	.	.
256.0	.	.	.
222.0	.	.	.

251.0	.	.	.
250.0	.	.	.
286.0	.	.	.
263.0	.	.	.
275.0	.	.	.
249.0	.	.	.
253.0	.	.	.
280.0	.	.	.
287.0	.	.	.
308.0	.	.	.
290.0	.	.	.
302.0	.	.	.
313.0	.	.	.
331.0	.	.	.
302.0	.	.	.
342.0	.	.	.
323.0	.	.	.
321.0	.	.	.
333.0	.	.	.
324.0	.	.	.
332.0	.	.	.
311.0	.	.	.
344.0	.	.	.
315.0	.	.	.
334.0	.	.	.
363.0	.	.	.
330.0	.	.	.
298.0	.	.	.
308.0	.	.	.
310.0	.	.	.
320.0	.	.	.
312.0	.	.	.
307.0	.	.	.
283.0	.	.	.
324.0	.	.	.
299.0	.	.	.
322.0	.	.	.
348.0	.	.	.
341.0	.	.	.
362.0	.	.	.
346.0	.	.	.
358.0	.	.	.
364.0	.	.	.
408.0	.	.	.
370.0	.	.	.
428.0	.	.	.
421.0	.	.	.
405.0	.	.	.
485.0	.	.	.
480.0	.	.	.
505.0	.	.	.
536.0	.	.	.
546.0	.	.	.
567.0	.	.	.

662.0	.	.	.
646.0	.	.	.
634.0	.	.	.
649.0	.	.	.
644.0	.	.	.
756.0	.	.	.
683.0	.	.	.
690.0	.	.	.
668.0	.	.	.
640.0	.	.	.
643.0	.	.	.
565.0	.	.	.
581.0	.	.	.
561.0	.	.	.
470.0	.	.	.
443.0	.	.	.
475.0	.	.	.
410.0	.	.	.
483.0	.	.	.
439.0	.	.	.
401.0	.	.	.
384.0	.	.	.
360.0	.	.	.
355.0	.	.	.
402.0	.	.	.
363.0	.	.	.
327.0	.	.	.
313.0	.	.	.
342.0	.	.	.
324.0	.	.	.
357.0	.	.	.
290.0	.	.	.
306.0	.	.	.
314.0	.	.	.
280.0	.	.	.
275.0	.	.	.
316.0	.	.	.
264.0	.	.	.
272.0	.	.	.
280.0	.	.	.
282.0	.	.	.
273.0	.	.	.
270.0	.	.	.
260.0	.	.	.
299.0	.	.	.
297.0	.	.	.
270.0	.	.	.
282.0	.	.	.
274.0	.	.	.
239.0	.	.	.
268.0	.	.	.
277.0	.	.	.
270.0	.	.	.
267.0	.	.	.

285.0	.	.	.
303.0	.	.	.
252.0	.	.	.
265.0	.	.	.
273.0	.	.	.
303.0	.	.	.
269.0	.	.	.
306.0	.	.	.
273.0	.	.	.
296.0	.	.	.
305.0	.	.	.
317.0	.	.	.
325.0	.	.	.
314.0	.	.	.
318.0	.	.	.
341.0	.	.	.
352.0	.	.	.
316.0	.	.	.
370.0	.	.	.
386.0	.	.	.
422.0	.	.	.
371.0	.	.	.
391.0	.	.	.
387.0	.	.	.
400.0	.	.	.
412.0	.	.	.
429.0	.	.	.
368.0	.	.	.
389.0	.	.	.
354.0	.	.	.
347.0	.	.	.
356.0	.	.	.
389.0	.	.	.
405.0	.	.	.
325.0	.	.	.
438.0	.	.	.
383.0	.	.	.
403.0	.	.	.
390.0	.	.	.
404.0	.	.	.
391.0	.	.	.
410.0	.	.	.
389.0	.	.	.
395.0	.	.	.
440.0	.	.	.
468.0	.	.	.
482.0	.	.	.
476.0	.	.	.
474.0	.	.	.
502.0	.	.	.
545.0	.	.	.
518.0	.	.	.
557.0	.	.	.
591.0	.	.	.

606.0	.	.	.
556.0	.	.	.
628.0	.	.	.
724.0	.	.	.
655.0	.	.	.
772.0	.	.	.
731.0	.	.	.
742.0	.	.	.
726.0	.	.	.
766.0	.	.	.
769.0	.	.	.
801.0	.	.	.
788.0	.	.	.
739.0	.	.	.
764.0	.	.	.
796.0	.	.	.
773.0	.	.	.
776.0	.	.	.
742.0	.	.	.
773.0	.	.	.
774.0	.	.	.
854.0	.	.	.
820.0	.	.	.
762.0	.	.	.
839.0	.	.	.
761.0	.	.	.
803.0	.	.	.
856.0	.	.	.
812.0	.	.	.
746.0	.	.	.
796.0	.	.	.
828.0	.	.	.
781.0	.	.	.
758.0	.	.	.
769.0	.	.	.
737.0	.	.	.
769.0	.	.	.
719.0	.	.	.
719.0	.	.	.
662.0	.	.	.
700.0	.	.	.
664.0	.	.	.
667.0	.	.	.
650.0	.	.	.
593.0	.	.	.
615.0	.	.	.
573.0	.	.	.
539.0	.	.	.
514.0	.	.	.
500.0	.	.	.
536.0	.	.	.
464.0	.	.	.
479.0	.	.	.
455.0	.	.	.



424.0	.	.	.
424.0	.	.	.
383.0	.	.	.
397.0	.	.	.
363.0	.	.	.
353.0	.	.	.
378.0	.	.	.
323.0	.	.	.
380.0	.	.	.
357.0	.	.	.
335.0	.	.	.
313.0	.	.	.
333.0	.	.	.
329.0	.	.	.
331.0	.	.	.
330.0	.	.	.
270.0	.	.	.
300.0	.	.	.
279.0	.	.	.
282.0	.	.	.
289.0	.	.	.
302.0	.	.	.
282.0	.	.	.
289.0	.	.	.
318.0	.	.	.
303.0	.	.	.
312.0	.	.	.
298.0	.	.	.
337.0	.	.	.
336.0	.	.	.
349.0	.	.	.
321.0	.	.	.
309.0	.	.	.
376.0	.	.	.
363.0	.	.	.
329.0	.	.	.
334.0	.	.	.
374.0	.	.	.
332.0	.	.	.
356.0	.	.	.
379.0	.	.	.
376.0	.	.	.
451.0	.	.	.
396.0	.	.	.
446.0	.	.	.
452.0	.	.	.
456.0	.	.	.
481.0	.	.	.
486.0	.	.	.
535.0	.	.	.
558.0	.	.	.
578.0	.	.	.
609.0	.	.	.
637.0	.	.	.

669.0	.	.	.
780.0	.	.	.
737.0	.	.	.
784.0	.	.	.
758.0	.	.	.
867.0	.	.	.
807.0	.	.	.
825.0	.	.	.
813.0	.	.	.
860.0	.	.	.
837.0	.	.	.
828.0	.	.	.
779.0	.	.	.
738.0	.	.	.
783.0	.	.	.
741.0	.	.	.
731.0	.	.	.
737.0	.	.	.
707.0	.	.	.
746.0	.	.	.
732.0	.	.	.
691.0	.	.	.
667.0	.	.	.
703.0	.	.	.
654.0	.	.	.
665.0	.	.	.
682.0	.	.	.
666.0	.	.	.
634.0	.	.	.
624.0	.	.	.
580.0	.	.	.
622.0	.	.	.
677.0	.	.	.
601.0	.	.	.
665.0	.	.	.
624.0	.	.	.
618.0	.	.	.
712.0	.	.	.
701.0	.	.	.
707.0	.	.	.
766.0	.	.	.
774.0	.	.	.
796.0	.	.	.
870.0	.	.	.
803.0	.	.	.
779.0	.	.	.
854.0	.	.	.
796.0	.	.	.
850.0	.	.	.
877.0	.	.	.
856.0	.	.	.
902.0	.	.	.
895.0	.	.	.
811.0	.	.	.

834.0	.	.	.
853.0	.	.	.
805.0	.	.	.
811.0	.	.	.
762.0	.	.	.
780.0	.	.	.
797.0	.	.	.
807.0	.	.	.
743.0	.	.	.
722.0	.	.	.
786.0	.	.	.
728.0	.	.	.
735.0	.	.	.
700.0	.	.	.
694.0	.	.	.
751.0	.	.	.
651.0	.	.	.
663.0	.	.	.
598.0	.	.	.
636.0	.	.	.
583.0	.	.	.
593.0	.	.	.
580.0	.	.	.
523.0	.	.	.
548.0	.	.	.
514.0	.	.	.
435.0	.	.	.
518.0	.	.	.
470.0	.	.	.
473.0	.	.	.
451.0	.	.	.
462.0	.	.	.
444.0	.	.	.
453.0	.	.	.
480.0	.	.	.
423.0	.	.	.
439.0	.	.	.
435.0	.	.	.
486.0	.	.	.
521.0	.	.	.
471.0	.	.	.
480.0	.	.	.
510.0	.	.	.
515.0	.	.	.
501.0	.	.	.
477.0	.	.	.
550.0	.	.	.
504.0	.	.	.
516.0	.	.	.
425.0	.	.	.
412.0	.	.	.
452.0	.	.	.
457.0	.	.	.
415.0	.	.	.

396.0	.	.	.
386.0	.	.	.
371.0	.	.	.
369.0	.	.	.
348.0	.	.	.
339.0	.	.	.
306.0	.	.	.
345.0	.	.	.
317.0	.	.	.
274.0	.	.	.
342.0	.	.	.
320.0	.	.	.
333.0	.	.	.
271.0	.	.	.
268.0	.	.	.
292.0	.	.	.
287.0	.	.	.
279.0	.	.	.
337.0	.	.	.
291.0	.	.	.
328.0	.	.	.
269.0	.	.	.
309.0	.	.	.
280.0	.	.	.
277.0	.	.	.
310.0	.	.	.
314.0	.	.	.
317.0	.	.	.
320.0	.	.	.
319.0	.	.	.
311.0	.	.	.
272.0	.	.	.
308.0	.	.	.
326.0	.	.	.
307.0	.	.	.
297.0	.	.	.
319.0	.	.	.
310.0	.	.	.
335.0	.	.	.
331.0	.	.	.
292.0	.	.	.
279.0	.	.	.
274.0	.	.	.
344.0	.	.	.
269.0	.	.	.
294.0	.	.	.
294.0	.	.	.
266.0	.	.	.
268.0	.	.	.
268.0	.	.	.
214.0	.	.	.
249.0	.	.	.
264.0	.	.	.
253.0	.	.	.

252.0	.	.	.
220.0	.	.	.
246.0	.	.	.
253.0	.	.	.
220.0	.	.	.
243.0	.	.	.
216.0	.	.	.
231.0	.	.	.
236.0	.	.	.
250.0	.	.	.
237.0	.	.	.
229.0	.	.	.
234.0	.	.	.
217.0	.	.	.
215.0	.	.	.
231.0	.	.	.
198.0	.	.	.
200.0	.	.	.
207.0	.	.	.
231.0	.	.	.
235.0	.	.	.
242.0	.	.	.
227.0	.	.	.
253.0	.	.	.
232.0	.	.	.
235.0	.	.	.
227.0	.	.	.
184.0	.	.	.
195.0	.	.	.
204.0	.	.	.
226.0	.	.	.
227.0	.	.	.
212.0	.	.	.
216.0	.	.	.
209.0	.	.	.
223.0	.	.	.
213.0	.	.	.
229.0	.	.	.
243.0	.	.	.
212.0	.	.	.
228.0	.	.	.
237.0	.	.	.
207.0	.	.	.
213.0	.	.	.
224.0	.	.	.
214.0	.	.	.
218.0	.	.	.
209.0	.	.	.
238.0	.	.	.
197.0	.	.	.
229.0	.	.	.
217.0	.	.	.
251.0	.	.	.
199.0	.	.	.

207.0	.	.	.
209.0	.	.	.
177.0	.	.	.
208.0	.	.	.
218.0	.	.	.
214.0	.	.	.
209.0	.	.	.
232.0	.	.	.
203.0	.	.	.
229.0	.	.	.
227.0	.	.	.
231.0	.	.	.
207.0	.	.	.
187.0	.	.	.
220.0	.	.	.
198.0	.	.	.
217.0	.	.	.
220.0	.	.	.
250.0	.	.	.
228.0	.	.	.
214.0	.	.	.
202.0	.	.	.
228.0	.	.	.
209.0	.	.	.
195.0	.	.	.
190.0	.	.	.
246.0	.	.	.
230.0	.	.	.
180.0	.	.	.
220.0	.	.	.
199.0	.	.	.
230.0	.	.	.
217.0	.	.	.
220.0	.	.	.
227.0	.	.	.
233.0	.	.	.
240.0	.	.	.
245.0	.	.	.
251.0	.	.	.
267.0	.	.	.
261.0	.	.	.
248.0	.	.	.
209.0	.	.	.
258.0	.	.	.
257.0	.	.	.
233.0	.	.	.
236.0	.	.	.
287.0	.	.	.
229.0	.	.	.
297.0	.	.	.
294.0	.	.	.
311.0	.	.	.
309.0	.	.	.
289.0	.	.	.

332.0	.	.	.
272.0	.	.	.
315.0	.	.	.
312.0	.	.	.
317.0	.	.	.
297.0	.	.	.
300.0	.	.	.
309.0	.	.	.
311.0	.	.	.
325.0	.	.	.
305.0	.	.	.
299.0	.	.	.
302.0	.	.	.
343.0	.	.	.
321.0	.	.	.
287.0	.	.	.
319.0	.	.	.
279.0	.	.	.
299.0	.	.	.
314.0	.	.	.
279.0	.	.	.
301.0	.	.	.
318.0	.	.	.
328.0	.	.	.
330.0	.	.	.
333.0	.	.	.
333.0	.	.	.
290.0	.	.	.
314.0	.	.	.
325.0	.	.	.
280.0	.	.	.
289.0	.	.	.
294.0	.	.	.
292.0	.	.	.
294.0	.	.	.
256.0	.	.	.
283.0	.	.	.
263.0	.	.	.
289.0	.	.	.
268.0	.	.	.
254.0	.	.	.
281.0	.	.	.
230.0	.	.	.
249.0	.	.	.
240.0	.	.	.
235.0	.	.	.
244.0	.	.	.
239.0	.	.	.
228.0	.	.	.
250.0	.	.	.
226.0	.	.	.
251.0	.	.	.
240.0	.	.	.
244.0	.	.	.

250.0	.	.	.
267.0	.	.	.
231.0	.	.	.
244.0	.	.	.
229.0	.	.	.
225.0	.	.	.
204.0	.	.	.
250.0	.	.	.
221.0	.	.	.
233.0	.	.	.
236.0	.	.	.
235.0	.	.	.
235.0	.	.	.
232.0	.	.	.
213.0	.	.	.
240.0	.	.	.
208.0	.	.	.
236.0	.	.	.
232.0	.	.	.
238.0	.	.	.
242.0	.	.	.
232.0	.	.	.
247.0	.	.	.
211.0	.	.	.
245.0	.	.	.
235.0	.	.	.
248.0	.	.	.
269.0	.	.	.
258.0	.	.	.
252.0	.	.	.
258.0	.	.	.
234.0	.	.	.
270.0	.	.	.
280.0	.	.	.
286.0	.	.	.
270.0	.	.	.
302.0	.	.	.
263.0	.	.	.
258.0	.	.	.
294.0	.	.	.
284.0	.	.	.
277.0	.	.	.
279.0	.	.	.
288.0	.	.	.
316.0	.	.	.
295.0	.	.	.
272.0	.	.	.
320.0	.	.	.
267.0	.	.	.
307.0	.	.	.
299.0	.	.	.
279.0	.	.	.
294.0	.	.	.
276.0	.	.	.



314.0	.	.	.
305.0	.	.	.
297.0	.	.	.
302.0	.	.	.
283.0	.	.	.
286.0	.	.	.
323.0	.	.	.
278.0	.	.	.
314.0	.	.	.
326.0	.	.	.
332.0	.	.	.
299.0	.	.	.
281.0	.	.	.
293.0	.	.	.
282.0	.	.	.
332.0	.	.	.
271.0	.	.	.
317.0	.	.	.
267.0	.	.	.
302.0	.	.	.
325.0	.	.	.
328.0	.	.	.
333.0	.	.	.
346.0	.	.	.
340.0	.	.	.
325.0	.	.	.
341.0	.	.	.
324.0	.	.	.
319.0	.	.	.
356.0	.	.	.
358.0	.	.	.
348.0	.	.	.
364.0	.	.	.
347.0	.	.	.
318.0	.	.	.
380.0	.	.	.
340.0	.	.	.
357.0	.	.	.
334.0	.	.	.
405.0	.	.	.
355.0	.	.	.
373.0	.	.	.
356.0	.	.	.
342.0	.	.	.
379.0	.	.	.
385.0	.	.	.
368.0	.	.	.
408.0	.	.	.
362.0	.	.	.
415.0	.	.	.
363.0	.	.	.
406.0	.	.	.
404.0	.	.	.
426.0	.	.	.

396.0	.	.	.
372.0	.	.	.
374.0	.	.	.
405.0	.	.	.
337.0	.	.	.
342.0	.	.	.
362.0	.	.	.
354.0	.	.	.
361.0	.	.	.
328.0	.	.	.
344.0	.	.	.
303.0	.	.	.
327.0	.	.	.
313.0	.	.	.
281.0	.	.	.
293.0	.	.	.
276.0	.	.	.
268.0	.	.	.
299.0	.	.	.
292.0	.	.	.
274.0	.	.	.
274.0	.	.	.
296.0	.	.	.
268.0	.	.	.
262.0	.	.	.
229.0	.	.	.
248.0	.	.	.
239.0	.	.	.
260.0	.	.	.
248.0	.	.	.
259.0	.	.	.
228.0	.	.	.
229.0	.	.	.
224.0	.	.	.
276.0	.	.	.
248.0	.	.	.
233.0	.	.	.
273.0	.	.	.
256.0	.	.	.
274.0	.	.	.
228.0	.	.	.
261.0	.	.	.
209.0	.	.	.
249.0	.	.	.
242.0	.	.	.
226.0	.	.	.
258.0	.	.	.
275.0	.	.	.
243.0	.	.	.
241.0	.	.	.
256.0	.	.	.
265.0	.	.	.
261.0	.	.	.
294.0	.	.	.

292.0	.	.	.
245.0	.	.	.
272.0	.	.	.
243.0	.	.	.
262.0	.	.	.
268.0	.	.	.
267.0	.	.	.
322.0	.	.	.
287.0	.	.	.
305.0	.	.	.
345.0	.	.	.
342.0	.	.	.
316.0	.	.	.
312.0	.	.	.
332.0	.	.	.
425.0	.	.	.
377.0	.	.	.
372.0	.	.	.
373.0	.	.	.
415.0	.	.	.
418.0	.	.	.
451.0	.	.	.
518.0	.	.	.
526.0	.	.	.
507.0	.	.	.
500.0	.	.	.
501.0	.	.	.
524.0	.	.	.
563.0	.	.	.
597.0	.	.	.
654.0	.	.	.
618.0	.	.	.
572.0	.	.	.
701.0	.	.	.
688.0	.	.	.
646.0	.	.	.
604.0	.	.	.
628.0	.	.	.
649.0	.	.	.
675.0	.	.	.
641.0	.	.	.
653.0	.	.	.
607.0	.	.	.
596.0	.	.	.
574.0	.	.	.
582.0	.	.	.
613.0	.	.	.
533.0	.	.	.
578.0	.	.	.
539.0	.	.	.
515.0	.	.	.
538.0	.	.	.
521.0	.	.	.
484.0	.	.	.

510.0	.	.	.
509.0	.	.	.
545.0	.	.	.
537.0	.	.	.
526.0	.	.	.
560.0	.	.	.
590.0	.	.	.
574.0	.	.	.
585.0	.	.	.
627.0	.	.	.
700.0	.	.	.
657.0	.	.	.
661.0	.	.	.
702.0	.	.	.
720.0	.	.	.
692.0	.	.	.
694.0	.	.	.
745.0	.	.	.
734.0	.	.	.
782.0	.	.	.
723.0	.	.	.
701.0	.	.	.
730.0	.	.	.
730.0	.	.	.
657.0	.	.	.
625.0	.	.	.
656.0	.	.	.
575.0	.	.	.
581.0	.	.	.
552.0	.	.	.
559.0	.	.	.
476.0	.	.	.
491.0	.	.	.
496.0	.	.	.
470.0	.	.	.
457.0	.	.	.
414.0	.	.	.
422.0	.	.	.
390.0	.	.	.
344.0	.	.	.
380.0	.	.	.
416.0	.	.	.
328.0	.	.	.
364.0	.	.	.
343.0	.	.	.
328.0	.	.	.
345.0	.	.	.
333.0	.	.	.
299.0	.	.	.
348.0	.	.	.
307.0	.	.	.
317.0	.	.	.
347.0	.	.	.
299.0	.	.	.

309.0	.	.	.
303.0	.	.	.
310.0	.	.	.
292.0	.	.	.
281.0	.	.	.
339.0	.	.	.
265.0	.	.	.
284.0	.	.	.
279.0	.	.	.
279.0	.	.	.
274.0	.	.	.
257.0	.	.	.
286.0	.	.	.
266.0	.	.	.
266.0	.	.	.
261.0	.	.	.
267.0	.	.	.
274.0	.	.	.
258.0	.	.	.
248.0	.	.	.
266.0	.	.	.
259.0	.	.	.
252.0	.	.	.
261.0	.	.	.
280.0	.	.	.
275.0	.	.	.
312.0	.	.	.
248.0	.	.	.
283.0	.	.	.
286.0	.	.	.
253.0	.	.	.
269.0	.	.	.
285.0	.	.	.
290.0	.	.	.
320.0	.	.	.
308.0	.	.	.
296.0	.	.	.
287.0	.	.	.
319.0	.	.	.
279.0	.	.	.
319.0	.	.	.
307.0	.	.	.
273.0	.	.	.
289.0	.	.	.
332.0	.	.	.
308.0	.	.	.
351.0	.	.	.
338.0	.	.	.
363.0	.	.	.
349.0	.	.	.
370.0	.	.	.
364.0	.	.	.
307.0	.	.	.
467.0	.	.	.

386.0	.	.	.
385.0	.	.	.
405.0	.	.	.
385.0	.	.	.
423.0	.	.	.
378.0	.	.	.
382.0	.	.	.
389.0	.	.	.
410.0	.	.	.
372.0	.	.	.
364.0	.	.	.
339.0	.	.	.
358.0	.	.	.
360.0	.	.	.
367.0	.	.	.
352.0	.	.	.
353.0	.	.	.
335.0	.	.	.
347.0	.	.	.
296.0	.	.	.
313.0	.	.	.
305.0	.	.	.
351.0	.	.	.
315.0	.	.	.
305.0	.	.	.
316.0	.	.	.
303.0	.	.	.
283.0	.	.	.
268.0	.	.	.
312.0	.	.	.
337.0	.	.	.
294.0	.	.	.
351.0	.	.	.
280.0	.	.	.
310.0	.	.	.
300.0	.	.	.
313.0	.	.	.
303.0	.	.	.
337.0	.	.	.
310.0	.	.	.
314.0	.	.	.
317.0	.	.	.
257.0	.	.	.
292.0	.	.	.
317.0	.	.	.
293.0	.	.	.
287.0	.	.	.
302.0	.	.	.
297.0	.	.	.
322.0	.	.	.
284.0	.	.	.
319.0	.	.	.
324.0	.	.	.
333.0	.	.	.

287.0	.	.	.
318.0	.	.	.
314.0	.	.	.
328.0	.	.	.
323.0	.	.	.
294.0	.	.	.
343.0	.	.	.
321.0	.	.	.
328.0	.	.	.
324.0	.	.	.
306.0	.	.	.
274.0	.	.	.
298.0	.	.	.
299.0	.	.	.
314.0	.	.	.
315.0	.	.	.
291.0	.	.	.
310.0	.	.	.
290.0	.	.	.
279.0	.	.	.
288.0	.	.	.
281.0	.	.	.
307.0	.	.	.
262.0	.	.	.
240.0	.	.	.
275.0	.	.	.
248.0	.	.	.
267.0	.	.	.
255.0	.	.	.
274.0	.	.	.
271.0	.	.	.
253.0	.	.	.
283.0	.	.	.
226.0	.	.	.
256.0	.	.	.
252.0	.	.	.
254.0	.	.	.
255.0	.	.	.
271.0	.	.	.
248.0	.	.	.
258.0	.	.	.
220.0	.	.	.
235.0	.	.	.
241.0	.	.	.
215.0	.	.	.
223.0	.	.	.
219.0	.	.	.
255.0	.	.	.
215.0	.	.	.
217.0	.	.	.
271.0	.	.	.
240.0	.	.	.
243.0	.	.	.
230.0	.	.	.

228.0	.	.	.
245.0	.	.	.
218.0	.	.	.
210.0	.	.	.
257.0	.	.	.
241.0	.	.	.
260.0	.	.	.
266.0	.	.	.
245.0	.	.	.
280.0	.	.	.
256.0	.	.	.
239.0	.	.	.
255.0	.	.	.
283.0	.	.	.
275.0	.	.	.
268.0	.	.	.
260.0	.	.	.
279.0	.	.	.
267.0	.	.	.
267.0	.	.	.
301.0	.	.	.
317.0	.	.	.
298.0	.	.	.
312.0	.	.	.
285.0	.	.	.
282.0	.	.	.
290.0	.	.	.
298.0	.	.	.
357.0	.	.	.
321.0	.	.	.
339.0	.	.	.
326.0	.	.	.
324.0	.	.	.
338.0	.	.	.
330.0	.	.	.
353.0	.	.	.
327.0	.	.	.
348.0	.	.	.
348.0	.	.	.
368.0	.	.	.
386.0	.	.	.
368.0	.	.	.
373.0	.	.	.
360.0	.	.	.
374.0	.	.	.
374.0	.	.	.
404.0	.	.	.
450.0	.	.	.
432.0	.	.	.
393.0	.	.	.
400.0	.	.	.
413.0	.	.	.
383.0	.	.	.
375.0	.	.	.



435.0	.	.	.
448.0	.	.	.
401.0	.	.	.
452.0	.	.	.
435.0	.	.	.
418.0	.	.	.
476.0	.	.	.
425.0	.	.	.
460.0	.	.	.
529.0	.	.	.
486.0	.	.	.
487.0	.	.	.
486.0	.	.	.
536.0	.	.	.
562.0	.	.	.
523.0	.	.	.
575.0	.	.	.
538.0	.	.	.
591.0	.	.	.
548.0	.	.	.
583.0	.	.	.
647.0	.	.	.
544.0	.	.	.
585.0	.	.	.
598.0	.	.	.
633.0	.	.	.
658.0	.	.	.
601.0	.	.	.
599.0	.	.	.
579.0	.	.	.
590.0	.	.	.
589.0	.	.	.
495.0	.	.	.
537.0	.	.	.
516.0	.	.	.
563.0	.	.	.
532.0	.	.	.
488.0	.	.	.
480.0	.	.	.
539.0	.	.	.
534.0	.	.	.
483.0	.	.	.
489.0	.	.	.
483.0	.	.	.
477.0	.	.	.
426.0	.	.	.
421.0	.	.	.
437.0	.	.	.
383.0	.	.	.
401.0	.	.	.
426.0	.	.	.
373.0	.	.	.
398.0	.	.	.
372.0	.	.	.

369.0	.	.	.
355.0	.	.	.
364.0	.	.	.
349.0	.	.	.
306.0	.	.	.
315.0	.	.	.
351.0	.	.	.
295.0	.	.	.
310.0	.	.	.
284.0	.	.	.
311.0	.	.	.
298.0	.	.	.
299.0	.	.	.
294.0	.	.	.
294.0	.	.	.
277.0	.	.	.
267.0	.	.	.
261.0	.	.	.
243.0	.	.	.
254.0	.	.	.
228.0	.	.	.
266.0	.	.	.
242.0	.	.	.
272.0	.	.	.
260.0	.	.	.
266.0	.	.	.
271.0	.	.	.
255.0	.	.	.
281.0	.	.	.
241.0	.	.	.
265.0	.	.	.
258.0	.	.	.
254.0	.	.	.
233.0	.	.	.
282.0	.	.	.
281.0	.	.	.
273.0	.	.	.
279.0	.	.	.
255.0	.	.	.
273.0	.	.	.
299.0	.	.	.
281.0	.	.	.
257.0	.	.	.
300.0	.	.	.
291.0	.	.	.
280.0	.	.	.
306.0	.	.	.
343.0	.	.	.
288.0	.	.	.
295.0	.	.	.
325.0	.	.	.
304.0	.	.	.
326.0	.	.	.
359.0	.	.	.

324.0	.	.	.
288.0	.	.	.
350.0	.	.	.
331.0	.	.	.
354.0	.	.	.
354.0	.	.	.
359.0	.	.	.
372.0	.	.	.
375.0	.	.	.
353.0	.	.	.
365.0	.	.	.
335.0	.	.	.
354.0	.	.	.
346.0	.	.	.
326.0	.	.	.
381.0	.	.	.
339.0	.	.	.
343.0	.	.	.
322.0	.	.	.
300.0	.	.	.
372.0	.	.	.
341.0	.	.	.
322.0	.	.	.
352.0	.	.	.
321.0	.	.	.
355.0	.	.	.
358.0	.	.	.
355.0	.	.	.
357.0	.	.	.
307.0	.	.	.
360.0	.	.	.
368.0	.	.	.
366.0	.	.	.
348.0	.	.	.
381.0	.	.	.
352.0	.	.	.
376.0	.	.	.
385.0	.	.	.
349.0	.	.	.
380.0	.	.	.
373.0	.	.	.
355.0	.	.	.
389.0	.	.	.
424.0	.	.	.
415.0	.	.	.
405.0	.	.	.
353.0	.	.	.
383.0	.	.	.
390.0	.	.	.
461.0	.	.	.
447.0	.	.	.
457.0	.	.	.
441.0	.	.	.
460.0	.	.	.

508.0	.	.	.
479.0	.	.	.
484.0	.	.	.
561.0	.	.	.
534.0	.	.	.
506.0	.	.	.
563.0	.	.	.
558.0	.	.	.
551.0	.	.	.
605.0	.	.	.
615.0	.	.	.
575.0	.	.	.
610.0	.	.	.
621.0	.	.	.
559.0	.	.	.
611.0	.	.	.
599.0	.	.	.
615.0	.	.	.
588.0	.	.	.
618.0	.	.	.
603.0	.	.	.
591.0	.	.	.
619.0	.	.	.
577.0	.	.	.
667.0	.	.	.
571.0	.	.	.
608.0	.	.	.
597.0	.	.	.
611.0	.	.	.
638.0	.	.	.
602.0	.	.	.
628.0	.	.	.
616.0	.	.	.
628.0	.	.	.
658.0	.	.	.
587.0	.	.	.
578.0	.	.	.
626.0	.	.	.
584.0	.	.	.
576.0	.	.	.
588.0	.	.	.
586.0	.	.	.
564.0	.	.	.
538.0	.	.	.
562.0	.	.	.
554.0	.	.	.
565.0	.	.	.
574.0	.	.	.
552.0	.	.	.
509.0	.	.	.
548.0	.	.	.
581.0	.	.	.
525.0	.	.	.
559.0	.	.	.

586.0	.	.	.
565.0	.	.	.
546.0	.	.	.
553.0	.	.	.
568.0	.	.	.
541.0	.	.	.
564.0	.	.	.
539.0	.	.	.
490.0	.	.	.
479.0	.	.	.
491.0	.	.	.
482.0	.	.	.
529.0	.	.	.
541.0	.	.	.
506.0	.	.	.
476.0	.	.	.
497.0	.	.	.
480.0	.	.	.
511.0	.	.	.
528.0	.	.	.
472.0	.	.	.
426.0	.	.	.
458.0	.	.	.
441.0	.	.	.
456.0	.	.	.
394.0	.	.	.
466.0	.	.	.
410.0	.	.	.
413.0	.	.	.
382.0	.	.	.
374.0	.	.	.
379.0	.	.	.
370.0	.	.	.
351.0	.	.	.
391.0	.	.	.
319.0	.	.	.
327.0	.	.	.
299.0	.	.	.
303.0	.	.	.
290.0	.	.	.
305.0	.	.	.
294.0	.	.	.
258.0	.	.	.
336.0	.	.	.
298.0	.	.	.
258.0	.	.	.
267.0	.	.	.
277.0	.	.	.
297.0	.	.	.
298.0	.	.	.
282.0	.	.	.
265.0	.	.	.
304.0	.	.	.
324.0	.	.	.

290.0	.	.	.
281.0	.	.	.
302.0	.	.	.
296.0	.	.	.
303.0	.	.	.
275.0	.	.	.
302.0	.	.	.
330.0	.	.	.
289.0	.	.	.
287.0	.	.	.
282.0	.	.	.
290.0	.	.	.
288.0	.	.	.
292.0	.	.	.
307.0	.	.	.
282.0	.	.	.
262.0	.	.	.
251.0	.	.	.
321.0	.	.	.
308.0	.	.	.
300.0	.	.	.
312.0	.	.	.
321.0	.	.	.
312.0	.	.	.
282.0	.	.	.
268.0	.	.	.
300.0	.	.	.
279.0	.	.	.
284.0	.	.	.
263.0	.	.	.
296.0	.	.	.
241.0	.	.	.
293.0	.	.	.
288.0	.	.	.
270.0	.	.	.
263.0	.	.	.
283.0	.	.	.
315.0	.	.	.
285.0	.	.	.
276.0	.	.	.
283.0	.	.	.
307.0	.	.	.
261.0	.	.	.
270.0	.	.	.
275.0	.	.	.
327.0	.	.	.
317.0	.	.	.
282.0	.	.	.
299.0	.	.	.
315.0	.	.	.
303.0	.	.	.
310.0	.	.	.
298.0	.	.	.
305.0	.	.	.

308.0	.	.	.
341.0	.	.	.
312.0	.	.	.
344.0	.	.	.
325.0	.	.	.
373.0	.	.	.
310.0	.	.	.
338.0	.	.	.
372.0	.	.	.
390.0	.	.	.
382.0	.	.	.
367.0	.	.	.
405.0	.	.	.
412.0	.	.	.
445.0	.	.	.
382.0	.	.	.
437.0	.	.	.
411.0	.	.	.
416.0	.	.	.
380.0	.	.	.
386.0	.	.	.
382.0	.	.	.
361.0	.	.	.
343.0	.	.	.
371.0	.	.	.
353.0	.	.	.
313.0	.	.	.
313.0	.	.	.
308.0	.	.	.
311.0	.	.	.
323.0	.	.	.
321.0	.	.	.
313.0	.	.	.
302.0	.	.	.
303.0	.	.	.
280.0	.	.	.
294.0	.	.	.
319.0	.	.	.
277.0	.	.	.
295.0	.	.	.
287.0	.	.	.
252.0	.	.	.
273.0	.	.	.
263.0	.	.	.
258.0	.	.	.
288.0	.	.	.
250.0	.	.	.
267.0	.	.	.
289.0	.	.	.
249.0	.	.	.
251.0	.	.	.
284.0	.	.	.
288.0	.	.	.
226.0	.	.	.

238.0	.	.	.
253.0	.	.	.
228.0	.	.	.
259.0	.	.	.
242.0	.	.	.
278.0	.	.	.
262.0	.	.	.
269.0	.	.	.
221.0	.	.	.
253.0	.	.	.
223.0	.	.	.
201.0	.	.	.
252.0	.	.	.
222.0	.	.	.
217.0	.	.	.
213.0	.	.	.
233.0	.	.	.
251.0	.	.	.
217.0	.	.	.
197.0	.	.	.
211.0	.	.	.
228.0	.	.	.
238.0	.	.	.
227.0	.	.	.
214.0	.	.	.
196.0	.	.	.
248.0	.	.	.
197.0	.	.	.
217.0	.	.	.
214.0	.	.	.
219.0	.	.	.
205.0	.	.	.
178.0	.	.	.
223.0	.	.	.
195.0	.	.	.
223.0	.	.	.
201.0	.	.	.
236.0	.	.	.
184.0	.	.	.
225.0	.	.	.
217.0	.	.	.
187.0	.	.	.
205.0	.	.	.
192.0	.	.	.
216.0	.	.	.
192.0	.	.	.
227.0	.	.	.
218.0	.	.	.
213.0	.	.	.
209.0	.	.	.
227.0	.	.	.
202.0	.	.	.
216.0	.	.	.
221.0	.	.	.



238.0	.	.	.
251.0	.	.	.
227.0	.	.	.
218.0	.	.	.
241.0	.	.	.
223.0	.	.	.
234.0	.	.	.
225.0	.	.	.
216.0	.	.	.
259.0	.	.	.
225.0	.	.	.
243.0	.	.	.
233.0	.	.	.
212.0	.	.	.
235.0	.	.	.
244.0	.	.	.
232.0	.	.	.
243.0	.	.	.
253.0	.	.	.
232.0	.	.	.
251.0	.	.	.
269.0	.	.	.
257.0	.	.	.
284.0	.	.	.
267.0	.	.	.
265.0	.	.	.
257.0	.	.	.
266.0	.	.	.
307.0	.	.	.
273.0	.	.	.
286.0	.	.	.
281.0	.	.	.
287.0	.	.	.
298.0	.	.	.
300.0	.	.	.
302.0	.	.	.
296.0	.	.	.
287.0	.	.	.
313.0	.	.	.
299.0	.	.	.
291.0	.	.	.
288.0	.	.	.
269.0	.	.	.
261.0	.	.	.
280.0	.	.	.
275.0	.	.	.
284.0	.	.	.
264.0	.	.	.
269.0	.	.	.
273.0	.	.	.
248.0	.	.	.
257.0	.	.	.
251.0	.	.	.
260.0	.	.	.

226.0	.	.	.
254.0	.	.	.
229.0	.	.	.
252.0	.	.	.
236.0	.	.	.
235.0	.	.	.
184.0	.	.	.
213.0	.	.	.
233.0	.	.	.
220.0	.	.	.
238.0	.	.	.
208.0	.	.	.
224.0	.	.	.
215.0	.	.	.
223.0	.	.	.
210.0	.	.	.
245.0	.	.	.
218.0	.	.	.
240.0	.	.	.
230.0	.	.	.
224.0	.	.	.
234.0	.	.	.
230.0	.	.	.
225.0	.	.	.
241.0	.	.	.
218.0	.	.	.
232.0	.	.	.
248.0	.	.	.
230.0	.	.	.
228.0	.	.	.
240.0	.	.	.
238.0	.	.	.
209.0	.	.	.
223.0	.	.	.
242.0	.	.	.
227.0	.	.	.
232.0	.	.	.
222.0	.	.	.
222.0	.	.	.
231.0	.	.	.
236.0	.	.	.
221.0	.	.	.
215.0	.	.	.
232.0	.	.	.
205.0	.	.	.
185.0	.	.	.
208.0	.	.	.
217.0	.	.	.
226.0	.	.	.
212.0	.	.	.
199.0	.	.	.
228.0	.	.	.
206.0	.	.	.
198.0	.	.	.

196.0	.	.	.
222.0	.	.	.
189.0	.	.	.
227.0	.	.	.
217.0	.	.	.
209.0	.	.	.
214.0	.	.	.
230.0	.	.	.
217.0	.	.	.
194.0	.	.	.
218.0	.	.	.
206.0	.	.	.
240.0	.	.	.
217.0	.	.	.
188.0	.	.	.
219.0	.	.	.
225.0	.	.	.
211.0	.	.	.
223.0	.	.	.
226.0	.	.	.
219.0	.	.	.
246.0	.	.	.
218.0	.	.	.
223.0	.	.	.
218.0	.	.	.
226.0	.	.	.
237.0	.	.	.
225.0	.	.	.
214.0	.	.	.
216.0	.	.	.
233.0	.	.	.
261.0	.	.	.
228.0	.	.	.
212.0	.	.	.
241.0	.	.	.
206.0	.	.	.
238.0	.	.	.
242.0	.	.	.
212.0	.	.	.
230.0	.	.	.
227.0	.	.	.
238.0	.	.	.
238.0	.	.	.
216.0	.	.	.
238.0	.	.	.
234.0	.	.	.
227.0	.	.	.
235.0	.	.	.
247.0	.	.	.
244.0	.	.	.
215.0	.	.	.
226.0	.	.	.
247.0	.	.	.
238.0	.	.	.

228.0	.	.	.
254.0	.	.	.
250.0	.	.	.
252.0	.	.	.
243.0	.	.	.
262.0	.	.	.
259.0	.	.	.
272.0	.	.	.
265.0	.	.	.
270.0	.	.	.
274.0	.	.	.
274.0	.	.	.
269.0	.	.	.
275.0	.	.	.
260.0	.	.	.
271.0	.	.	.
275.0	.	.	.
276.0	.	.	.
285.0	.	.	.
281.0	.	.	.
307.0	.	.	.
256.0	.	.	.
260.0	.	.	.
266.0	.	.	.
261.0	.	.	.
265.0	.	.	.
236.0	.	.	.
235.0	.	.	.
269.0	.	.	.
277.0	.	.	.
258.0	.	.	.
268.0	.	.	.
256.0	.	.	.
257.0	.	.	.
245.0	.	.	.
264.0	.	.	.
246.0	.	.	.
234.0	.	.	.
257.0	.	.	.
229.0	.	.	.
261.0	.	.	.
234.0	.	.	.
246.0	.	.	.
267.0	.	.	.
253.0	.	.	.
224.0	.	.	.
238.0	.	.	.
215.0	.	.	.
230.0	.	.	.
216.0	.	.	.
218.0	.	.	.
228.0	.	.	.
240.0	.	.	.
212.0	.	.	.

244.0	.	.	.
212.0	.	.	.
210.0	.	.	.
213.0	.	.	.
223.0	.	.	.
224.0	.	.	.
231.0	.	.	.
211.0	.	.	.
233.0	.	.	.
200.0	.	.	.
208.0	.	.	.
225.0	.	.	.
217.0	.	.	.
208.0	.	.	.
217.0	.	.	.
216.0	.	.	.
206.0	.	.	.
236.0	.	.	.
234.0	.	.	.
216.0	.	.	.
225.0	.	.	.
226.0	.	.	.
208.0	.	.	.
235.0	.	.	.
230.0	.	.	.
240.0	.	.	.
220.0	.	.	.
224.0	.	.	.
230.0	.	.	.
223.0	.	.	.
255.0	.	.	.
228.0	.	.	.
246.0	.	.	.
250.0	.	.	.
229.0	.	.	.
236.0	.	.	.
225.0	.	.	.
261.0	.	.	.
242.0	.	.	.
242.0	.	.	.
235.0	.	.	.
237.0	.	.	.
260.0	.	.	.
241.0	.	.	.
238.0	.	.	.
209.0	.	.	.
252.0	.	.	.
257.0	.	.	.
245.0	.	.	.
235.0	.	.	.
238.0	.	.	.
227.0	.	.	.
227.0	.	.	.
219.0	.	.	.

218.0	.	.	.
234.0	.	.	.
202.0	.	.	.
231.0	.	.	.
220.0	.	.	.
212.0	.	.	.
224.0	.	.	.
206.0	.	.	.
208.0	.	.	.
205.0	.	.	.
208.0	.	.	.
199.0	.	.	.
217.0	.	.	.
208.0	.	.	.
212.0	.	.	.
192.0	.	.	.
182.0	.	.	.
223.0	.	.	.
197.0	.	.	.
195.0	.	.	.
178.0	.	.	.
214.0	.	.	.
199.0	.	.	.
200.0	.	.	.
189.0	.	.	.
184.0	.	.	.
190.0	.	.	.
202.0	.	.	.
184.0	.	.	.
200.0	.	.	.
181.0	.	.	.
194.0	.	.	.
216.0	.	.	.
204.0	.	.	.
193.0	.	.	.
161.0	.	.	.
170.0	.	.	.
197.0	.	.	.
196.0	.	.	.
180.0	.	.	.
195.0	.	.	.
202.0	.	.	.
203.0	.	.	.
192.0	.	.	.
212.0	.	.	.
193.0	.	.	.
203.0	.	.	.
220.0	.	.	.
203.0	.	.	.
204.0	.	.	.
202.0	.	.	.
188.0	.	.	.
205.0	.	.	.
170.0	.	.	.

189.0	.	.	.
197.0	.	.	.
191.0	.	.	.
190.0	.	.	.
193.0	.	.	.
188.0	.	.	.
187.0	.	.	.
195.0	.	.	.
187.0	.	.	.
193.0	.	.	.
182.0	.	.	.
184.0	.	.	.
191.0	.	.	.
201.0	.	.	.
173.0	.	.	.
200.0	.	.	.
211.0	.	.	.
176.0	.	.	.
206.0	.	.	.
176.0	.	.	.
185.0	.	.	.
190.0	.	.	.
184.0	.	.	.
212.0	.	.	.
200.0	.	.	.
195.0	.	.	.
207.0	.	.	.
200.0	.	.	.
207.0	.	.	.
197.0	.	.	.
201.0	.	.	.
187.0	.	.	.
209.0	.	.	.
179.0	.	.	.
204.0	.	.	.
188.0	.	.	.
189.0	.	.	.
205.0	.	.	.
198.0	.	.	.
213.0	.	.	.
194.0	.	.	.
203.0	.	.	.
187.0	.	.	.
195.0	.	.	.
244.0	.	.	.
201.0	.	.	.
223.0	.	.	.
202.0	.	.	.
211.0	.	.	.
206.0	.	.	.
227.0	.	.	.
209.0	.	.	.
204.0	.	.	.
217.0	.	.	.

219.0	.	.	.
231.0	.	.	.
226.0	.	.	.
229.0	.	.	.
211.0	.	.	.
214.0	.	.	.
236.0	.	.	.
268.0	.	.	.
257.0	.	.	.
247.0	.	.	.
270.0	.	.	.
259.0	.	.	.
247.0	.	.	.
257.0	.	.	.
267.0	.	.	.
251.0	.	.	.
288.0	.	.	.
262.0	.	.	.
296.0	.	.	.
299.0	.	.	.
283.0	.	.	.
294.0	.	.	.
291.0	.	.	.
311.0	.	.	.
286.0	.	.	.
287.0	.	.	.
310.0	.	.	.
303.0	.	.	.
332.0	.	.	.
347.0	.	.	.
327.0	.	.	.
333.0	.	.	.
350.0	.	.	.
382.0	.	.	.
369.0	.	.	.
377.0	.	.	.
412.0	.	.	.
407.0	.	.	.
453.0	.	.	.
433.0	.	.	.
447.0	.	.	.
527.0	.	.	.
473.0	.	.	.
481.0	.	.	.
504.0	.	.	.
541.0	.	.	.
574.0	.	.	.
577.0	.	.	.
585.0	.	.	.
608.0	.	.	.
630.0	.	.	.
635.0	.	.	.
619.0	.	.	.
584.0	.	.	.



641.0	.	.	.
625.0	.	.	.
613.0	.	.	.
620.0	.	.	.
558.0	.	.	.
589.0	.	.	.
559.0	.	.	.
557.0	.	.	.
519.0	.	.	.
579.0	.	.	.
535.0	.	.	.
525.0	.	.	.
492.0	.	.	.
449.0	.	.	.
459.0	.	.	.
454.0	.	.	.
438.0	.	.	.
399.0	.	.	.
403.0	.	.	.
381.0	.	.	.
374.0	.	.	.
354.0	.	.	.
349.0	.	.	.
373.0	.	.	.
295.0	.	.	.
327.0	.	.	.
322.0	.	.	.
313.0	.	.	.
302.0	.	.	.
298.0	.	.	.
283.0	.	.	.
298.0	.	.	.
278.0	.	.	.
290.0	.	.	.
264.0	.	.	.
275.0	.	.	.
256.0	.	.	.
263.0	.	.	.
252.0	.	.	.
258.0	.	.	.
255.0	.	.	.
250.0	.	.	.
256.0	.	.	.
229.0	.	.	.
236.0	.	.	.
260.0	.	.	.
231.0	.	.	.
228.0	.	.	.
230.0	.	.	.
224.0	.	.	.
238.0	.	.	.
243.0	.	.	.
254.0	.	.	.
233.0	.	.	.

227.0	.	.	.
236.0	.	.	.
232.0	.	.	.
239.0	.	.	.
216.0	.	.	.
215.0	.	.	.
219.0	.	.	.
227.0	.	.	.
210.0	.	.	.
232.0	.	.	.
225.0	.	.	.
255.0	.	.	.
224.0	.	.	.
233.0	.	.	.
232.0	.	.	.
241.0	.	.	.
221.0	.	.	.
234.0	.	.	.
240.0	.	.	.
243.0	.	.	.
239.0	.	.	.
244.0	.	.	.
242.0	.	.	.
257.0	.	.	.
251.0	.	.	.
266.0	.	.	.
255.0	.	.	.
265.0	.	.	.
277.0	.	.	.
227.0	.	.	.
229.0	.	.	.
260.0	.	.	.
253.0	.	.	.
254.0	.	.	.
237.0	.	.	.
271.0	.	.	.
227.0	.	.	.
255.0	.	.	.
250.0	.	.	.
254.0	.	.	.
259.0	.	.	.
231.0	.	.	.
223.0	.	.	.
219.0	.	.	.
241.0	.	.	.
244.0	.	.	.
233.0	.	.	.
243.0	.	.	.
218.0	.	.	.
233.0	.	.	.
228.0	.	.	.
256.0	.	.	.
230.0	.	.	.
250.0	.	.	.

234.0	.	.	.
245.0	.	.	.
255.0	.	.	.
230.0	.	.	.
239.0	.	.	.
247.0	.	.	.
214.0	.	.	.
216.0	.	.	.
242.0	.	.	.
222.0	.	.	.
235.0	.	.	.
236.0	.	.	.
220.0	.	.	.
234.0	.	.	.
234.0	.	.	.
235.0	.	.	.
243.0	.	.	.
198.0	.	.	.
210.0	.	.	.
235.0	.	.	.
227.0	.	.	.
219.0	.	.	.
198.0	.	.	.
232.0	.	.	.
219.0	.	.	.
246.0	.	.	.
221.0	.	.	.
221.0	.	.	.
234.0	.	.	.
222.0	.	.	.
238.0	.	.	.
246.0	.	.	.
260.0	.	.	.
231.0	.	.	.
261.0	.	.	.
251.0	.	.	.
231.0	.	.	.
238.0	.	.	.
251.0	.	.	.
245.0	.	.	.
247.0	.	.	.
260.0	.	.	.
277.0	.	.	.
238.0	.	.	.
222.0	.	.	.
254.0	.	.	.
233.0	.	.	.
264.0	.	.	.
234.0	.	.	.
230.0	.	.	.
223.0	.	.	.
246.0	.	.	.
222.0	.	.	.
232.0	.	.	.

241.0	.	.	.
213.0	.	.	.
204.0	.	.	.
214.0	.	.	.
213.0	.	.	.
203.0	.	.	.
234.0	.	.	.
200.0	.	.	.
217.0	.	.	.
224.0	.	.	.
200.0	.	.	.
222.0	.	.	.
207.0	.	.	.
201.0	.	.	.
209.0	.	.	.
191.0	.	.	.
198.0	.	.	.
191.0	.	.	.
216.0	.	.	.
218.0	.	.	.
211.0	.	.	.
195.0	.	.	.
201.0	.	.	.
214.0	.	.	.
195.0	.	.	.
193.0	.	.	.
198.0	.	.	.
196.0	.	.	.
200.0	.	.	.
193.0	.	.	.
188.0	.	.	.
201.0	.	.	.
203.0	.	.	.
191.0	.	.	.
208.0	.	.	.
187.0	.	.	.
190.0	.	.	.
206.0	.	.	.
193.0	.	.	.
181.0	.	.	.
180.0	.	.	.
204.0	.	.	.
205.0	.	.	.
195.0	.	.	.
188.0	.	.	.
195.0	.	.	.
180.0	.	.	.
184.0	.	.	.
192.0	.	.	.
191.0	.	.	.
180.0	.	.	.
182.0	.	.	.
200.0	.	.	.
192.0	.	.	.

190.0	.	.	.
190.0	.	.	.
197.0	.	.	.
196.0	.	.	.
198.0	.	.	.
189.0	.	.	.
205.0	.	.	.
204.0	.	.	.
203.0	.	.	.
190.0	.	.	.
206.0	.	.	.
196.0	.	.	.
204.0	.	.	.
205.0	.	.	.
197.0	.	.	.
206.0	.	.	.
210.0	.	.	.
220.0	.	.	.
214.0	.	.	.
204.0	.	.	.
223.0	.	.	.
201.0	.	.	.
215.0	.	.	.
224.0	.	.	.
237.0	.	.	.
249.0	.	.	.
217.0	.	.	.
244.0	.	.	.
257.0	.	.	.
260.0	.	.	.
263.0	.	.	.
259.0	.	.	.
250.0	.	.	.
262.0	.	.	.
276.0	.	.	.
282.0	.	.	.
278.0	.	.	.
277.0	.	.	.
261.0	.	.	.
250.0	.	.	.
288.0	.	.	.
284.0	.	.	.
283.0	.	.	.
249.0	.	.	.
271.0	.	.	.
270.0	.	.	.
252.0	.	.	.
249.0	.	.	.
268.0	.	.	.
263.0	.	.	.
236.0	.	.	.
280.0	.	.	.
265.0	.	.	.
241.0	.	.	.

270.0	.	.	.
253.0	.	.	.
226.0	.	.	.
258.0	.	.	.
239.0	.	.	.
271.0	.	.	.
282.0	.	.	.
254.0	.	.	.
236.0	.	.	.
251.0	.	.	.
267.0	.	.	.
280.0	.	.	.
257.0	.	.	.
265.0	.	.	.
269.0	.	.	.
296.0	.	.	.
277.0	.	.	.
273.0	.	.	.
280.0	.	.	.
300.0	.	.	.
285.0	.	.	.
321.0	.	.	.
297.0	.	.	.
319.0	.	.	.
309.0	.	.	.
277.0	.	.	.
307.0	.	.	.
309.0	.	.	.
278.0	.	.	.
336.0	.	.	.
284.0	.	.	.
306.0	.	.	.
311.0	.	.	.
257.0	.	.	.
260.0	.	.	.
295.0	.	.	.
288.0	.	.	.
284.0	.	.	.
286.0	.	.	.
293.0	.	.	.
287.0	.	.	.
259.0	.	.	.
270.0	.	.	.
266.0	.	.	.
268.0	.	.	.
237.0	.	.	.
247.0	.	.	.
231.0	.	.	.
240.0	.	.	.
257.0	.	.	.
254.0	.	.	.
245.0	.	.	.
230.0	.	.	.
229.0	.	.	.

204.0	.	.	.
219.0	.	.	.
215.0	.	.	.
238.0	.	.	.
210.0	.	.	.
224.0	.	.	.
211.0	.	.	.
217.0	.	.	.
205.0	.	.	.
246.0	.	.	.
200.0	.	.	.
244.0	.	.	.
208.0	.	.	.
194.0	.	.	.
194.0	.	.	.
191.0	.	.	.
200.0	.	.	.
196.0	.	.	.
211.0	.	.	.
208.0	.	.	.
207.0	.	.	.
203.0	.	.	.
233.0	.	.	.
200.0	.	.	.
186.0	.	.	.
196.0	.	.	.
226.0	.	.	.
197.0	.	.	.
174.0	.	.	.
187.0	.	.	.
188.0	.	.	.
201.0	.	.	.
206.0	.	.	.
205.0	.	.	.
225.0	.	.	.
193.0	.	.	.
203.0	.	.	.
183.0	.	.	.
186.0	.	.	.
208.0	.	.	.
183.0	.	.	.
189.0	.	.	.
198.0	.	.	.
177.0	.	.	.
194.0	.	.	.
193.0	.	.	.
204.0	.	.	.
238.0	.	.	.
202.0	.	.	.
197.0	.	.	.
196.0	.	.	.
192.0	.	.	.
189.0	.	.	.
183.0	.	.	.

190.0	.	.	.
209.0	.	.	.
196.0	.	.	.
193.0	.	.	.
206.0	.	.	.
187.0	.	.	.
204.0	.	.	.
232.0	.	.	.
189.0	.	.	.
219.0	.	.	.
191.0	.	.	.
200.0	.	.	.
226.0	.	.	.
184.0	.	.	.
217.0	.	.	.
200.0	.	.	.
223.0	.	.	.
226.0	.	.	.
201.0	.	.	.
219.0	.	.	.
201.0	.	.	.
255.0	.	.	.
248.0	.	.	.
216.0	.	.	.
227.0	.	.	.
225.0	.	.	.
214.0	.	.	.
238.0	.	.	.
215.0	.	.	.
238.0	.	.	.
239.0	.	.	.
225.0	.	.	.
249.0	.	.	.
264.0	.	.	.
260.0	.	.	.
260.0	.	.	.
255.0	.	.	.
252.0	.	.	.
253.0	.	.	.
268.0	.	.	.
240.0	.	.	.
259.0	.	.	.
263.0	.	.	.
263.0	.	.	.
278.0	.	.	.
251.0	.	.	.
295.0	.	.	.
277.0	.	.	.
303.0	.	.	.
276.0	.	.	.
272.0	.	.	.
288.0	.	.	.
296.0	.	.	.
300.0	.	.	.



340.0	.	.	.
321.0	.	.	.
346.0	.	.	.
363.0	.	.	.
331.0	.	.	.
349.0	.	.	.
348.0	.	.	.
394.0	.	.	.
410.0	.	.	.
359.0	.	.	.
383.0	.	.	.
374.0	.	.	.
352.0	.	.	.
353.0	.	.	.
367.0	.	.	.
374.0	.	.	.
334.0	.	.	.
352.0	.	.	.
343.0	.	.	.
322.0	.	.	.
356.0	.	.	.
296.0	.	.	.
321.0	.	.	.
301.0	.	.	.
302.0	.	.	.
305.0	.	.	.
294.0	.	.	.
289.0	.	.	.
300.0	.	.	.
283.0	.	.	.
310.0	.	.	.
303.0	.	.	.
284.0	.	.	.
275.0	.	.	.
305.0	.	.	.
269.0	.	.	.
267.0	.	.	.
262.0	.	.	.
269.0	.	.	.
271.0	.	.	.
272.0	.	.	.
233.0	.	.	.
226.0	.	.	.
239.0	.	.	.
252.0	.	.	.
226.0	.	.	.
215.0	.	.	.
217.0	.	.	.
227.0	.	.	.
219.0	.	.	.
207.0	.	.	.
209.0	.	.	.
217.0	.	.	.
210.0	.	.	.

200.0	.	.	.
204.0	.	.	.
196.0	.	.	.
208.0	.	.	.
219.0	.	.	.
224.0	.	.	.
210.0	.	.	.
209.0	.	.	.
191.0	.	.	.
205.0	.	.	.
196.0	.	.	.
194.0	.	.	.
210.0	.	.	.
185.0	.	.	.
188.0	.	.	.
183.0	.	.	.
202.0	.	.	.
171.0	.	.	.
214.0	.	.	.
197.0	.	.	.
194.0	.	.	.
199.0	.	.	.
191.0	.	.	.
204.0	.	.	.
193.0	.	.	.
191.0	.	.	.
237.0	.	.	.
206.0	.	.	.
166.0	.	.	.
229.0	.	.	.
204.0	.	.	.
205.0	.	.	.
227.0	.	.	.
198.0	.	.	.
220.0	.	.	.
189.0	.	.	.
225.0	.	.	.
191.0	.	.	.
191.0	.	.	.
198.0	.	.	.
187.0	.	.	.
202.0	.	.	.
214.0	.	.	.
180.0	.	.	.
205.0	.	.	.
189.0	.	.	.
210.0	.	.	.
222.0	.	.	.
208.0	.	.	.
207.0	.	.	.
210.0	.	.	.
230.0	.	.	.
192.0	.	.	.
233.0	.	.	.

219.0	.	.	.
227.0	.	.	.
181.0	.	.	.
224.0	.	.	.
201.0	.	.	.
195.0	.	.	.
205.0	.	.	.
190.0	.	.	.
195.0	.	.	.
200.0	.	.	.
210.0	.	.	.
198.0	.	.	.
206.0	.	.	.
179.0	.	.	.
188.0	.	.	.
196.0	.	.	.
215.0	.	.	.
195.0	.	.	.
210.0	.	.	.
202.0	.	.	.
164.0	.	.	.
177.0	.	.	.
194.0	.	.	.
201.0	.	.	.
202.0	.	.	.
185.0	.	.	.
177.0	.	.	.
204.0	.	.	.
200.0	.	.	.
183.0	.	.	.
173.0	.	.	.
189.0	.	.	.
183.0	.	.	.
200.0	.	.	.
178.0	.	.	.
196.0	.	.	.
197.0	.	.	.
189.0	.	.	.
193.0	.	.	.
200.0	.	.	.
199.0	.	.	.
210.0	.	.	.
225.0	.	.	.
191.0	.	.	.
212.0	.	.	.
186.0	.	.	.
206.0	.	.	.
210.0	.	.	.
218.0	.	.	.
216.0	.	.	.
209.0	.	.	.
212.0	.	.	.
220.0	.	.	.
203.0	.	.	.

227.0	.	.	.
236.0	.	.	.
227.0	.	.	.
244.0	.	.	.
232.0	.	.	.
235.0	.	.	.
237.0	.	.	.
230.0	.	.	.
229.0	.	.	.
231.0	.	.	.
273.0	.	.	.
244.0	.	.	.
266.0	.	.	.
260.0	.	.	.
254.0	.	.	.
299.0	.	.	.
295.0	.	.	.
243.0	.	.	.
270.0	.	.	.
259.0	.	.	.
284.0	.	.	.
269.0	.	.	.
263.0	.	.	.
282.0	.	.	.
293.0	.	.	.
306.0	.	.	.
259.0	.	.	.
295.0	.	.	.
260.0	.	.	.
242.0	.	.	.
254.0	.	.	.
254.0	.	.	.
263.0	.	.	.
237.0	.	.	.
246.0	.	.	.
258.0	.	.	.
243.0	.	.	.
247.0	.	.	.
227.0	.	.	.
227.0	.	.	.
233.0	.	.	.
225.0	.	.	.
200.0	.	.	.
209.0	.	.	.
220.0	.	.	.
205.0	.	.	.
210.0	.	.	.
197.0	.	.	.
188.0	.	.	.
178.0	.	.	.
191.0	.	.	.
205.0	.	.	.
219.0	.	.	.
177.0	.	.	.

188.0	.	.	.
229.0	.	.	.
202.0	.	.	.
200.0	.	.	.
198.0	.	.	.
194.0	.	.	.
187.0	.	.	.
199.0	.	.	.
213.0	.	.	.
188.0	.	.	.
206.0	.	.	.
225.0	.	.	.
179.0	.	.	.
210.0	.	.	.
185.0	.	.	.
189.0	.	.	.
193.0	.	.	.
202.0	.	.	.
191.0	.	.	.
190.0	.	.	.
192.0	.	.	.
214.0	.	.	.
199.0	.	.	.
191.0	.	.	.
186.0	.	.	.
190.0	.	.	.
194.0	.	.	.
179.0	.	.	.
194.0	.	.	.
244.0	.	.	.
205.0	.	.	.
200.0	.	.	.
198.0	.	.	.
215.0	.	.	.
200.0	.	.	.
216.0	.	.	.
195.0	.	.	.
202.0	.	.	.
209.0	.	.	.
237.0	.	.	.
206.0	.	.	.
201.0	.	.	.
197.0	.	.	.
224.0	.	.	.
194.0	.	.	.
222.0	.	.	.
179.0	.	.	.
213.0	.	.	.
207.0	.	.	.
200.0	.	.	.
205.0	.	.	.
200.0	.	.	.
202.0	.	.	.
194.0	.	.	.

182.0	.	.	.
194.0	.	.	.
178.0	.	.	.
191.0	.	.	.
194.0	.	.	.
201.0	.	.	.
191.0	.	.	.
168.0	.	.	.
179.0	.	.	.
212.0	.	.	.
205.0	.	.	.
212.0	.	.	.
185.0	.	.	.
202.0	.	.	.
216.0	.	.	.
197.0	.	.	.
194.0	.	.	.
195.0	.	.	.
187.0	.	.	.
212.0	.	.	.
198.0	.	.	.
202.0	.	.	.
183.0	.	.	.
179.0	.	.	.
214.0	.	.	.
183.0	.	.	.
207.0	.	.	.
159.0	.	.	.
179.0	.	.	.
184.0	.	.	.
192.0	.	.	.
200.0	.	.	.
200.0	.	.	.
196.0	.	.	.
185.0	.	.	.
201.0	.	.	.
196.0	.	.	.
195.0	.	.	.
184.0	.	.	.
211.0	.	.	.
195.0	.	.	.
186.0	.	.	.
185.0	.	.	.
198.0	.	.	.
188.0	.	.	.
222.0	.	.	.
199.0	.	.	.
207.0	.	.	.
216.0	.	.	.
210.0	.	.	.
186.0	.	.	.
214.0	.	.	.
201.0	.	.	.
194.0	.	.	.

224.0	.	.	.
224.0	.	.	.
228.0	.	.	.
215.0	.	.	.
233.0	.	.	.
231.0	.	.	.
197.0	.	.	.
212.0	.	.	.
216.0	.	.	.
221.0	.	.	.
241.0	.	.	.
242.0	.	.	.
232.0	.	.	.
256.0	.	.	.
231.0	.	.	.
203.0	.	.	.
242.0	.	.	.
257.0	.	.	.
276.0	.	.	.
241.0	.	.	.
249.0	.	.	.
244.0	.	.	.
250.0	.	.	.
264.0	.	.	.
260.0	.	.	.
246.0	.	.	.
253.0	.	.	.
237.0	.	.	.
258.0	.	.	.
231.0	.	.	.
248.0	.	.	.
234.0	.	.	.
232.0	.	.	.
256.0	.	.	.
267.0	.	.	.
237.0	.	.	.
271.0	.	.	.
267.0	.	.	.
296.0	.	.	.
257.0	.	.	.
238.0	.	.	.
266.0	.	.	.
283.0	.	.	.
268.0	.	.	.
263.0	.	.	.
267.0	.	.	.
284.0	.	.	.
234.0	.	.	.
259.0	.	.	.
279.0	.	.	.
267.0	.	.	.
288.0	.	.	.
287.0	.	.	.
263.0	.	.	.

276.0	.	.	.
256.0	.	.	.
263.0	.	.	.
250.0	.	.	.
261.0	.	.	.
270.0	.	.	.
255.0	.	.	.
266.0	.	.	.
227.0	.	.	.
259.0	.	.	.
260.0	.	.	.
231.0	.	.	.
267.0	.	.	.
259.0	.	.	.
255.0	.	.	.
264.0	.	.	.
260.0	.	.	.
255.0	.	.	.
285.0	.	.	.
279.0	.	.	.
283.0	.	.	.
275.0	.	.	.
270.0	.	.	.
266.0	.	.	.
270.0	.	.	.
310.0	.	.	.
309.0	.	.	.
315.0	.	.	.
321.0	.	.	.
286.0	.	.	.
308.0	.	.	.
317.0	.	.	.
331.0	.	.	.
307.0	.	.	.
329.0	.	.	.
313.0	.	.	.
321.0	.	.	.
340.0	.	.	.
368.0	.	.	.
348.0	.	.	.
396.0	.	.	.
344.0	.	.	.
397.0	.	.	.
411.0	.	.	.
428.0	.	.	.
386.0	.	.	.
401.0	.	.	.
445.0	.	.	.
419.0	.	.	.
407.0	.	.	.
461.0	.	.	.
441.0	.	.	.
427.0	.	.	.
409.0	.	.	.



438.0	.	.	.
429.0	.	.	.
414.0	.	.	.
433.0	.	.	.
440.0	.	.	.
429.0	.	.	.
471.0	.	.	.
425.0	.	.	.
458.0	.	.	.
403.0	.	.	.
445.0	.	.	.
425.0	.	.	.
399.0	.	.	.
423.0	.	.	.
448.0	.	.	.
447.0	.	.	.
434.0	.	.	.
436.0	.	.	.
410.0	.	.	.
407.0	.	.	.
430.0	.	.	.
411.0	.	.	.
447.0	.	.	.
409.0	.	.	.
415.0	.	.	.
419.0	.	.	.
368.0	.	.	.
428.0	.	.	.
407.0	.	.	.
411.0	.	.	.
384.0	.	.	.
404.0	.	.	.
402.0	.	.	.
439.0	.	.	.
421.0	.	.	.
390.0	.	.	.
400.0	.	.	.
408.0	.	.	.
401.0	.	.	.
386.0	.	.	.
369.0	.	.	.
398.0	.	.	.
370.0	.	.	.
372.0	.	.	.
400.0	.	.	.
347.0	.	.	.
380.0	.	.	.
363.0	.	.	.
354.0	.	.	.
340.0	.	.	.
402.0	.	.	.
424.0	.	.	.
375.0	.	.	.
392.0	.	.	.

431.0	.	.	.
398.0	.	.	.
406.0	.	.	.
393.0	.	.	.
369.0	.	.	.
406.0	.	.	.
356.0	.	.	.
354.0	.	.	.
313.0	.	.	.
372.0	.	.	.
404.0	.	.	.
356.0	.	.	.
357.0	.	.	.
356.0	.	.	.
334.0	.	.	.
318.0	.	.	.
336.0	.	.	.
342.0	.	.	.
307.0	.	.	.
312.0	.	.	.
327.0	.	.	.
342.0	.	.	.
356.0	.	.	.
352.0	.	.	.
327.0	.	.	.
333.0	.	.	.
351.0	.	.	.
336.0	.	.	.
356.0	.	.	.
349.0	.	.	.
347.0	.	.	.
318.0	.	.	.
370.0	.	.	.
356.0	.	.	.
349.0	.	.	.
365.0	.	.	.
378.0	.	.	.
347.0	.	.	.
393.0	.	.	.
335.0	.	.	.
350.0	.	.	.
352.0	.	.	.
335.0	.	.	.
329.0	.	.	.
288.0	.	.	.
348.0	.	.	.
317.0	.	.	.
304.0	.	.	.
292.0	.	.	.
291.0	.	.	.
275.0	.	.	.
307.0	.	.	.
304.0	.	.	.
277.0	.	.	.

284.0	.	.	.
270.0	.	.	.
288.0	.	.	.
275.0	.	.	.
254.0	.	.	.
242.0	.	.	.
260.0	.	.	.
248.0	.	.	.
253.0	.	.	.
260.0	.	.	.
240.0	.	.	.
256.0	.	.	.
269.0	.	.	.
246.0	.	.	.
247.0	.	.	.
243.0	.	.	.
236.0	.	.	.
247.0	.	.	.
257.0	.	.	.
242.0	.	.	.
249.0	.	.	.
275.0	.	.	.
236.0	.	.	.
247.0	.	.	.
229.0	.	.	.
246.0	.	.	.
250.0	.	.	.
241.0	.	.	.
210.0	.	.	.
284.0	.	.	.
235.0	.	.	.
258.0	.	.	.
263.0	.	.	.
229.0	.	.	.
237.0	.	.	.
251.0	.	.	.
255.0	.	.	.
240.0	.	.	.
272.0	.	.	.
276.0	.	.	.
258.0	.	.	.
242.0	.	.	.
265.0	.	.	.
296.0	.	.	.
281.0	.	.	.
282.0	.	.	.
269.0	.	.	.
281.0	.	.	.
262.0	.	.	.
250.0	.	.	.
271.0	.	.	.
262.0	.	.	.
287.0	.	.	.
270.0	.	.	.

264.0	.	.	.
296.0	.	.	.
294.0	.	.	.
288.0	.	.	.
287.0	.	.	.
286.0	.	.	.
280.0	.	.	.
276.0	.	.	.
281.0	.	.	.
277.0	.	.	.
280.0	.	.	.
288.0	.	.	.
309.0	.	.	.
286.0	.	.	.
277.0	.	.	.
274.0	.	.	.
275.0	.	.	.
267.0	.	.	.
316.0	.	.	.
255.0	.	.	.
236.0	.	.	.
248.0	.	.	.
261.0	.	.	.
252.0	.	.	.
268.0	.	.	.
265.0	.	.	.
265.0	.	.	.
277.0	.	.	.
286.0	.	.	.
264.0	.	.	.
283.0	.	.	.
263.0	.	.	.
272.0	.	.	.
249.0	.	.	.
274.0	.	.	.
266.0	.	.	.
295.0	.	.	.
307.0	.	.	.
299.0	.	.	.
281.0	.	.	.
276.0	.	.	.
294.0	.	.	.
295.0	.	.	.
288.0	.	.	.
341.0	.	.	.
333.0	.	.	.
326.0	.	.	.
309.0	.	.	.
326.0	.	.	.
343.0	.	.	.
336.0	.	.	.
395.0	.	.	.
373.0	.	.	.
370.0	.	.	.

347.0	.	.	.
426.0	.	.	.
403.0	.	.	.
422.0	.	.	.
430.0	.	.	.
464.0	.	.	.
454.0	.	.	.
490.0	.	.	.
512.0	.	.	.
511.0	.	.	.
480.0	.	.	.
515.0	.	.	.
504.0	.	.	.
556.0	.	.	.
562.0	.	.	.
593.0	.	.	.
518.0	.	.	.
582.0	.	.	.
568.0	.	.	.
556.0	.	.	.
573.0	.	.	.
543.0	.	.	.
541.0	.	.	.
565.0	.	.	.
503.0	.	.	.
549.0	.	.	.
478.0	.	.	.
527.0	.	.	.
546.0	.	.	.
521.0	.	.	.
525.0	.	.	.
558.0	.	.	.
482.0	.	.	.
536.0	.	.	.
527.0	.	.	.
573.0	.	.	.
521.0	.	.	.
555.0	.	.	.
558.0	.	.	.
556.0	.	.	.
555.0	.	.	.
514.0	.	.	.
506.0	.	.	.
514.0	.	.	.
519.0	.	.	.
528.0	.	.	.
493.0	.	.	.
484.0	.	.	.
497.0	.	.	.
486.0	.	.	.
498.0	.	.	.
524.0	.	.	.
500.0	.	.	.
515.0	.	.	.

505.0	.	.	.
471.0	.	.	.
520.0	.	.	.
505.0	.	.	.
467.0	.	.	.
502.0	.	.	.
500.0	.	.	.
461.0	.	.	.
498.0	.	.	.
461.0	.	.	.
514.0	.	.	.
452.0	.	.	.
409.0	.	.	.
436.0	.	.	.
438.0	.	.	.
385.0	.	.	.
359.0	.	.	.
369.0	.	.	.
344.0	.	.	.
366.0	.	.	.
364.0	.	.	.
347.0	.	.	.
334.0	.	.	.
340.0	.	.	.
342.0	.	.	.
311.0	.	.	.
326.0	.	.	.
309.0	.	.	.
334.0	.	.	.
350.0	.	.	.
300.0	.	.	.
308.0	.	.	.
318.0	.	.	.
292.0	.	.	.
268.0	.	.	.
284.0	.	.	.
285.0	.	.	.
290.0	.	.	.
260.0	.	.	.
273.0	.	.	.
277.0	.	.	.
255.0	.	.	.
272.0	.	.	.
249.0	.	.	.
267.0	.	.	.
253.0	.	.	.
291.0	.	.	.
253.0	.	.	.
263.0	.	.	.
266.0	.	.	.
264.0	.	.	.
265.0	.	.	.
250.0	.	.	.
237.0	.	.	.

258.0	.	.	.
264.0	.	.	.
231.0	.	.	.
268.0	.	.	.
251.0	.	.	.
242.0	.	.	.
238.0	.	.	.
266.0	.	.	.
242.0	.	.	.
227.0	.	.	.
273.0	.	.	.
276.0	.	.	.
241.0	.	.	.
225.0	.	.	.
243.0	.	.	.
274.0	.	.	.
262.0	.	.	.
272.0	.	.	.
247.0	.	.	.
249.0	.	.	.
270.0	.	.	.
281.0	.	.	.
242.0	.	.	.
256.0	.	.	.
274.0	.	.	.
269.0	.	.	.
279.0	.	.	.
236.0	.	.	.
270.0	.	.	.
263.0	.	.	.
223.0	.	.	.
272.0	.	.	.
273.0	.	.	.
274.0	.	.	.
297.0	.	.	.
246.0	.	.	.
248.0	.	.	.
268.0	.	.	.
271.0	.	.	.
264.0	.	.	.
262.0	.	.	.
277.0	.	.	.
269.0	.	.	.
272.0	.	.	.
251.0	.	.	.
261.0	.	.	.
257.0	.	.	.
251.0	.	.	.
256.0	.	.	.
254.0	.	.	.
277.0	.	.	.
237.0	.	.	.
298.0	.	.	.
263.0	.	.	.

239.0	.	.	.
250.0	.	.	.
245.0	.	.	.
259.0	.	.	.
260.0	.	.	.
263.0	.	.	.
280.0	.	.	.
243.0	.	.	.
264.0	.	.	.
249.0	.	.	.
278.0	.	.	.
309.0	.	.	.
266.0	.	.	.
282.0	.	.	.
303.0	.	.	.
311.0	.	.	.
271.0	.	.	.
299.0	.	.	.
299.0	.	.	.
331.0	.	.	.
321.0	.	.	.
332.0	.	.	.
328.0	.	.	.
326.0	.	.	.
382.0	.	.	.
361.0	.	.	.
380.0	.	.	.
351.0	.	.	.
400.0	.	.	.
393.0	.	.	.
388.0	.	.	.
416.0	.	.	.
385.0	.	.	.
412.0	.	.	.
440.0	.	.	.
412.0	.	.	.
411.0	.	.	.
414.0	.	.	.
372.0	.	.	.
394.0	.	.	.
399.0	.	.	.
390.0	.	.	.
352.0	.	.	.
396.0	.	.	.
357.0	.	.	.
363.0	.	.	.
357.0	.	.	.
328.0	.	.	.
335.0	.	.	.
356.0	.	.	.
333.0	.	.	.
353.0	.	.	.
313.0	.	.	.
314.0	.	.	.



302.0	.	.	.
314.0	.	.	.
313.0	.	.	.
305.0	.	.	.
308.0	.	.	.
297.0	.	.	.
309.0	.	.	.
281.0	.	.	.
304.0	.	.	.
292.0	.	.	.
259.0	.	.	.
290.0	.	.	.
277.0	.	.	.
280.0	.	.	.
267.0	.	.	.
244.0	.	.	.
266.0	.	.	.
283.0	.	.	.
287.0	.	.	.
259.0	.	.	.
269.0	.	.	.
273.0	.	.	.
255.0	.	.	.
251.0	.	.	.
240.0	.	.	.
287.0	.	.	.
244.0	.	.	.
253.0	.	.	.
245.0	.	.	.
276.0	.	.	.
263.0	.	.	.
266.0	.	.	.
294.0	.	.	.
276.0	.	.	.
279.0	.	.	.
270.0	.	.	.
284.0	.	.	.
294.0	.	.	.
294.0	.	.	.
297.0	.	.	.
276.0	.	.	.
253.0	.	.	.
296.0	.	.	.
297.0	.	.	.
302.0	.	.	.
280.0	.	.	.
252.0	.	.	.
297.0	.	.	.
274.0	.	.	.
301.0	.	.	.
275.0	.	.	.
299.0	.	.	.
301.0	.	.	.
303.0	.	.	.

292.0	.	.	.
305.0	.	.	.
305.0	.	.	.
278.0	.	.	.
254.0	.	.	.
299.0	.	.	.
283.0	.	.	.
277.0	.	.	.
264.0	.	.	.
272.0	.	.	.
260.0	.	.	.
279.0	.	.	.
254.0	.	.	.
231.0	.	.	.
240.0	.	.	.
266.0	.	.	.
263.0	.	.	.
227.0	.	.	.
234.0	.	.	.
243.0	.	.	.
248.0	.	.	.
235.0	.	.	.
241.0	.	.	.
237.0	.	.	.
214.0	.	.	.
231.0	.	.	.
258.0	.	.	.
240.0	.	.	.
254.0	.	.	.
245.0	.	.	.
226.0	.	.	.
224.0	.	.	.
228.0	.	.	.
223.0	.	.	.
198.0	.	.	.
237.0	.	.	.
204.0	.	.	.
216.0	.	.	.
216.0	.	.	.
218.0	.	.	.
245.0	.	.	.
229.0	.	.	.
227.0	.	.	.
199.0	.	.	.
245.0	.	.	.
250.0	.	.	.
214.0	.	.	.
231.0	.	.	.
234.0	.	.	.
214.0	.	.	.
241.0	.	.	.
238.0	.	.	.
238.0	.	.	.
275.0	.	.	.

226.0	.	.	.
228.0	.	.	.
245.0	.	.	.
239.0	.	.	.
268.0	.	.	.
242.0	.	.	.
236.0	.	.	.
238.0	.	.	.
224.0	.	.	.
243.0	.	.	.
233.0	.	.	.
264.0	.	.	.
242.0	.	.	.
254.0	.	.	.
242.0	.	.	.
248.0	.	.	.
247.0	.	.	.
282.0	.	.	.
266.0	.	.	.
283.0	.	.	.
250.0	.	.	.
267.0	.	.	.
283.0	.	.	.
243.0	.	.	.
285.0	.	.	.
264.0	.	.	.
310.0	.	.	.
274.0	.	.	.
269.0	.	.	.
285.0	.	.	.
307.0	.	.	.
328.0	.	.	.
315.0	.	.	.
305.0	.	.	.
309.0	.	.	.
296.0	.	.	.
331.0	.	.	.
336.0	.	.	.
317.0	.	.	.
320.0	.	.	.
312.0	.	.	.
285.0	.	.	.
317.0	.	.	.
319.0	.	.	.
300.0	.	.	.
329.0	.	.	.
288.0	.	.	.
338.0	.	.	.
302.0	.	.	.
306.0	.	.	.
309.0	.	.	.
305.0	.	.	.
314.0	.	.	.
296.0	.	.	.

317.0	.	.	.
296.0	.	.	.
310.0	.	.	.
304.0	.	.	.
310.0	.	.	.
352.0	.	.	.
305.0	.	.	.
304.0	.	.	.
326.0	.	.	.
303.0	.	.	.
324.0	.	.	.
318.0	.	.	.
303.0	.	.	.
329.0	.	.	.
312.0	.	.	.
336.0	.	.	.
376.0	.	.	.
374.0	.	.	.
357.0	.	.	.
346.0	.	.	.
330.0	.	.	.
387.0	.	.	.
352.0	.	.	.
352.0	.	.	.
364.0	.	.	.
382.0	.	.	.
348.0	.	.	.
356.0	.	.	.
336.0	.	.	.
351.0	.	.	.
384.0	.	.	.
354.0	.	.	.
331.0	.	.	.
358.0	.	.	.
378.0	.	.	.
337.0	.	.	.
337.0	.	.	.
368.0	.	.	.
361.0	.	.	.
359.0	.	.	.
358.0	.	.	.
366.0	.	.	.
330.0	.	.	.
375.0	.	.	.
375.0	.	.	.
356.0	.	.	.
353.0	.	.	.
352.0	.	.	.
355.0	.	.	.
357.0	.	.	.
293.0	.	.	.
335.0	.	.	.
362.0	.	.	.
315.0	.	.	.

316.0	.	.	.
333.0	.	.	.
310.0	.	.	.
308.0	.	.	.
307.0	.	.	.
311.0	.	.	.
303.0	.	.	.
305.0	.	.	.
292.0	.	.	.
302.0	.	.	.
295.0	.	.	.
287.0	.	.	.
291.0	.	.	.
315.0	.	.	.
296.0	.	.	.
306.0	.	.	.
309.0	.	.	.
290.0	.	.	.
338.0	.	.	.
290.0	.	.	.
332.0	.	.	.
302.0	.	.	.
336.0	.	.	.
341.0	.	.	.
348.0	.	.	.
317.0	.	.	.
353.0	.	.	.
363.0	.	.	.
363.0	.	.	.
337.0	.	.	.
319.0	.	.	.
359.0	.	.	.
365.0	.	.	.
362.0	.	.	.
341.0	.	.	.
368.0	.	.	.
353.0	.	.	.
414.0	.	.	.
406.0	.	.	.
391.0	.	.	.
382.0	.	.	.
347.0	.	.	.
386.0	.	.	.
400.0	.	.	.
402.0	.	.	.
408.0	.	.	.
408.0	.	.	.
399.0	.	.	.
419.0	.	.	.
402.0	.	.	.
423.0	.	.	.
382.0	.	.	.
408.0	.	.	.
379.0	.	.	.

399.0	.	.	.
362.0	.	.	.
397.0	.	.	.
393.0	.	.	.
394.0	.	.	.
397.0	.	.	.
412.0	.	.	.
359.0	.	.	.
386.0	.	.	.
401.0	.	.	.
373.0	.	.	.
355.0	.	.	.
370.0	.	.	.
370.0	.	.	.
360.0	.	.	.
393.0	.	.	.
380.0	.	.	.
351.0	.	.	.
351.0	.	.	.
383.0	.	.	.
333.0	.	.	.
343.0	.	.	.
357.0	.	.	.
339.0	.	.	.
319.0	.	.	.
329.0	.	.	.
327.0	.	.	.
357.0	.	.	.
315.0	.	.	.
293.0	.	.	.
352.0	.	.	.
337.0	.	.	.
315.0	.	.	.
318.0	.	.	.
331.0	.	.	.
309.0	.	.	.
294.0	.	.	.
286.0	.	.	.
289.0	.	.	.
284.0	.	.	.
301.0	.	.	.
331.0	.	.	.
300.0	.	.	.
314.0	.	.	.
328.0	.	.	.
349.0	.	.	.
306.0	.	.	.
322.0	.	.	.
347.0	.	.	.
321.0	.	.	.
348.0	.	.	.
396.0	.	.	.
372.0	.	.	.
372.0	.	.	.

412.0	.	.	.
419.0	.	.	.
401.0	.	.	.
380.0	.	.	.
445.0	.	.	.
413.0	.	.	.
392.0	.	.	.
419.0	.	.	.
416.0	.	.	.
411.0	.	.	.
367.0	.	.	.
422.0	.	.	.
399.0	.	.	.
379.0	.	.	.
374.0	.	.	.
359.0	.	.	.
345.0	.	.	.
364.0	.	.	.
364.0	.	.	.
376.0	.	.	.
318.0	.	.	.
350.0	.	.	.
333.0	.	.	.
327.0	.	.	.
334.0	.	.	.
337.0	.	.	.
379.0	.	.	.
338.0	.	.	.
361.0	.	.	.
363.0	.	.	.
359.0	.	.	.
357.0	.	.	.
370.0	.	.	.
425.0	.	.	.
382.0	.	.	.
385.0	.	.	.
411.0	.	.	.
399.0	.	.	.
407.0	.	.	.
395.0	.	.	.
400.0	.	.	.
460.0	.	.	.
411.0	.	.	.
449.0	.	.	.
452.0	.	.	.
426.0	.	.	.
431.0	.	.	.
407.0	.	.	.
367.0	.	.	.
360.0	.	.	.
345.0	.	.	.
383.0	.	.	.
362.0	.	.	.
372.0	.	.	.

374.0	.	.	.
339.0	.	.	.
349.0	.	.	.
352.0	.	.	.
334.0	.	.	.
349.0	.	.	.
343.0	.	.	.
313.0	.	.	.
329.0	.	.	.
344.0	.	.	.
378.0	.	.	.
350.0	.	.	.
364.0	.	.	.
344.0	.	.	.
334.0	.	.	.
350.0	.	.	.
382.0	.	.	.
351.0	.	.	.
388.0	.	.	.
377.0	.	.	.
411.0	.	.	.
359.0	.	.	.
380.0	.	.	.
408.0	.	.	.
367.0	.	.	.
395.0	.	.	.
400.0	.	.	.
384.0	.	.	.
369.0	.	.	.
376.0	.	.	.
399.0	.	.	.
360.0	.	.	.
332.0	.	.	.
376.0	.	.	.
378.0	.	.	.
354.0	.	.	.
358.0	.	.	.
339.0	.	.	.
361.0	.	.	.
370.0	.	.	.
352.0	.	.	.
328.0	.	.	.
349.0	.	.	.
334.0	.	.	.
353.0	.	.	.
337.0	.	.	.
325.0	.	.	.
331.0	.	.	.
299.0	.	.	.
327.0	.	.	.
324.0	.	.	.
298.0	.	.	.
331.0	.	.	.
306.0	.	.	.



314.0	.	.	.
281.0	.	.	.
270.0	.	.	.
319.0	.	.	.
285.0	.	.	.
251.0	.	.	.
269.0	.	.	.
254.0	.	.	.
257.0	.	.	.
267.0	.	.	.
246.0	.	.	.
245.0	.	.	.
247.0	.	.	.
262.0	.	.	.
284.0	.	.	.
225.0	.	.	.
236.0	.	.	.
247.0	.	.	.
249.0	.	.	.
265.0	.	.	.
244.0	.	.	.
228.0	.	.	.
255.0	.	.	.
235.0	.	.	.
265.0	.	.	.
244.0	.	.	.
242.0	.	.	.
247.0	.	.	.
246.0	.	.	.
244.0	.	.	.
245.0	.	.	.
277.0	.	.	.
273.0	.	.	.
279.0	.	.	.
289.0	.	.	.
287.0	.	.	.
265.0	.	.	.
248.0	.	.	.
292.0	.	.	.
267.0	.	.	.
303.0	.	.	.
295.0	.	.	.
292.0	.	.	.
272.0	.	.	.
320.0	.	.	.
315.0	.	.	.
340.0	.	.	.
313.0	.	.	.
355.0	.	.	.
336.0	.	.	.
339.0	.	.	.
353.0	.	.	.
370.0	.	.	.
356.0	.	.	.

362.0	.	.	.
368.0	.	.	.
349.0	.	.	.
377.0	.	.	.
350.0	.	.	.
387.0	.	.	.
367.0	.	.	.
382.0	.	.	.
335.0	.	.	.
330.0	.	.	.
343.0	.	.	.
341.0	.	.	.
304.0	.	.	.
285.0	.	.	.
305.0	.	.	.
320.0	.	.	.
304.0	.	.	.
291.0	.	.	.
278.0	.	.	.
298.0	.	.	.
292.0	.	.	.
271.0	.	.	.
280.0	.	.	.
266.0	.	.	.
260.0	.	.	.
275.0	.	.	.
257.0	.	.	.
257.0	.	.	.
245.0	.	.	.
239.0	.	.	.
267.0	.	.	.
215.0	.	.	.
238.0	.	.	.
224.0	.	.	.
258.0	.	.	.
222.0	.	.	.
217.0	.	.	.
226.0	.	.	.
231.0	.	.	.
223.0	.	.	.
250.0	.	.	.
215.0	.	.	.
214.0	.	.	.
202.0	.	.	.
194.0	.	.	.
223.0	.	.	.
190.0	.	.	.
196.0	.	.	.
222.0	.	.	.
237.0	.	.	.
222.0	.	.	.
183.0	.	.	.
216.0	.	.	.
195.0	.	.	.

201.0	.	.	.
217.0	.	.	.
206.0	.	.	.
201.0	.	.	.
199.0	.	.	.
222.0	.	.	.
200.0	.	.	.
208.0	.	.	.
196.0	.	.	.
212.0	.	.	.
197.0	.	.	.
171.0	.	.	.
205.0	.	.	.
220.0	.	.	.
212.0	.	.	.
215.0	.	.	.
197.0	.	.	.
184.0	.	.	.
194.0	.	.	.
183.0	.	.	.
173.0	.	.	.
185.0	.	.	.
178.0	.	.	.
191.0	.	.	.
184.0	.	.	.
216.0	.	.	.
161.0	.	.	.
184.0	.	.	.
192.0	.	.	.
179.0	.	.	.
196.0	.	.	.
187.0	.	.	.
194.0	.	.	.
191.0	.	.	.
200.0	.	.	.
215.0	.	.	.
188.0	.	.	.
195.0	.	.	.
178.0	.	.	.
172.0	.	.	.
169.0	.	.	.
183.0	.	.	.
187.0	.	.	.
186.0	.	.	.
182.0	.	.	.
179.0	.	.	.
160.0	.	.	.
183.0	.	.	.
185.0	.	.	.
193.0	.	.	.
184.0	.	.	.
199.0	.	.	.
169.0	.	.	.
193.0	.	.	.

178.0	.	.	.
207.0	.	.	.
154.0	.	.	.
180.0	.	.	.
194.0	.	.	.
197.0	.	.	.
180.0	.	.	.
182.0	.	.	.
171.0	.	.	.
201.0	.	.	.
210.0	.	.	.
173.0	.	.	.
160.0	.	.	.
185.0	.	.	.
178.0	.	.	.
172.0	.	.	.
186.0	.	.	.
188.0	.	.	.
198.0	.	.	.
190.0	.	.	.
167.0	.	.	.
158.0	.	.	.
166.0	.	.	.
181.0	.	.	.
173.0	.	.	.
177.0	.	.	.
193.0	.	.	.
161.0	.	.	.
200.0	.	.	.
183.0	.	.	.
188.0	.	.	.
186.0	.	.	.
187.0	.	.	.
190.0	.	.	.
194.0	.	.	.
194.0	.	.	.
195.0	.	.	.
192.0	.	.	.
203.0	.	.	.
179.0	.	.	.
192.0	.	.	.
181.0	.	.	.
188.0	.	.	.
182.0	.	.	.
193.0	.	.	.
169.0	.	.	.
198.0	.	.	.
183.0	.	.	.
206.0	.	.	.
153.0	.	.	.
197.0	.	.	.
195.0	.	.	.
187.0	.	.	.
217.0	.	.	.

202.0	.	.	.
214.0	.	.	.
188.0	.	.	.
199.0	.	.	.
212.0	.	.	.
219.0	.	.	.
221.0	.	.	.
209.0	.	.	.
193.0	.	.	.
193.0	.	.	.
200.0	.	.	.
233.0	.	.	.
207.0	.	.	.
187.0	.	.	.
215.0	.	.	.
210.0	.	.	.
187.0	.	.	.
235.0	.	.	.
207.0	.	.	.
196.0	.	.	.
217.0	.	.	.
229.0	.	.	.
237.0	.	.	.
186.0	.	.	.
221.0	.	.	.
235.0	.	.	.
196.0	.	.	.
213.0	.	.	.
217.0	.	.	.
210.0	.	.	.
224.0	.	.	.
226.0	.	.	.
222.0	.	.	.
205.0	.	.	.
245.0	.	.	.
184.0	.	.	.
226.0	.	.	.
214.0	.	.	.
209.0	.	.	.
224.0	.	.	.
209.0	.	.	.
220.0	.	.	.
195.0	.	.	.
212.0	.	.	.
224.0	.	.	.
216.0	.	.	.
203.0	.	.	.
184.0	.	.	.
193.0	.	.	.
205.0	.	.	.
209.0	.	.	.
211.0	.	.	.
212.0	.	.	.
186.0	.	.	.

183.0	.	.	.
200.0	.	.	.
188.0	.	.	.
181.0	.	.	.
198.0	.	.	.
203.0	.	.	.
209.0	.	.	.
226.0	.	.	.
173.0	.	.	.
207.0	.	.	.
194.0	.	.	.
203.0	.	.	.
207.0	.	.	.
236.0	.	.	.
209.0	.	.	.
189.0	.	.	.
213.0	.	.	.
177.0	.	.	.
229.0	.	.	.
203.0	.	.	.
193.0	.	.	.
214.0	.	.	.
208.0	.	.	.
212.0	.	.	.
188.0	.	.	.
234.0	.	.	.
217.0	.	.	.
216.0	.	.	.
200.0	.	.	.
235.0	.	.	.
213.0	.	.	.
211.0	.	.	.
229.0	.	.	.
212.0	.	.	.
196.0	.	.	.
231.0	.	.	.
208.0	.	.	.
249.0	.	.	.
263.0	.	.	.
221.0	.	.	.
242.0	.	.	.
261.0	.	.	.
243.0	.	.	.
248.0	.	.	.
273.0	.	.	.
240.0	.	.	.
245.0	.	.	.
241.0	.	.	.
250.0	.	.	.
268.0	.	.	.
253.0	.	.	.
261.0	.	.	.
244.0	.	.	.
258.0	.	.	.

299.0	.	.	.
306.0	.	.	.
259.0	.	.	.
307.0	.	.	.
262.0	.	.	.
281.0	.	.	.
289.0	.	.	.
269.0	.	.	.
312.0	.	.	.
298.0	.	.	.
284.0	.	.	.
306.0	.	.	.
314.0	.	.	.
311.0	.	.	.
314.0	.	.	.
291.0	.	.	.
292.0	.	.	.
313.0	.	.	.
293.0	.	.	.
310.0	.	.	.
290.0	.	.	.
321.0	.	.	.
353.0	.	.	.
324.0	.	.	.
335.0	.	.	.
329.0	.	.	.
301.0	.	.	.
321.0	.	.	.
328.0	.	.	.
345.0	.	.	.
292.0	.	.	.
309.0	.	.	.
319.0	.	.	.
289.0	.	.	.
299.0	.	.	.
304.0	.	.	.
286.0	.	.	.
276.0	.	.	.
274.0	.	.	.
250.0	.	.	.
275.0	.	.	.
270.0	.	.	.
233.0	.	.	.
284.0	.	.	.
290.0	.	.	.
247.0	.	.	.
245.0	.	.	.
211.0	.	.	.
245.0	.	.	.
248.0	.	.	.
261.0	.	.	.
266.0	.	.	.
249.0	.	.	.
225.0	.	.	.

229.0	.	.	.
238.0	.	.	.
238.0	.	.	.
253.0	.	.	.
249.0	.	.	.
238.0	.	.	.
224.0	.	.	.
239.0	.	.	.
232.0	.	.	.
267.0	.	.	.
265.0	.	.	.
264.0	.	.	.
254.0	.	.	.
265.0	.	.	.
263.0	.	.	.
292.0	.	.	.
258.0	.	.	.
244.0	.	.	.
248.0	.	.	.
259.0	.	.	.
297.0	.	.	.
284.0	.	.	.
307.0	.	.	.
271.0	.	.	.
297.0	.	.	.
279.0	.	.	.
287.0	.	.	.
284.0	.	.	.
295.0	.	.	.
300.0	.	.	.
303.0	.	.	.
284.0	.	.	.
307.0	.	.	.
294.0	.	.	.
293.0	.	.	.
312.0	.	.	.
290.0	.	.	.
319.0	.	.	.
350.0	.	.	.
303.0	.	.	.
267.0	.	.	.
334.0	.	.	.
344.0	.	.	.
325.0	.	.	.
316.0	.	.	.
337.0	.	.	.
338.0	.	.	.
370.0	.	.	.
346.0	.	.	.
342.0	.	.	.
330.0	.	.	.
327.0	.	.	.
335.0	.	.	.
328.0	.	.	.



364.0	.	.	.
363.0	.	.	.
338.0	.	.	.
356.0	.	.	.
343.0	.	.	.
315.0	.	.	.
335.0	.	.	.
353.0	.	.	.
351.0	.	.	.
329.0	.	.	.
320.0	.	.	.
302.0	.	.	.
334.0	.	.	.
313.0	.	.	.
357.0	.	.	.
297.0	.	.	.
325.0	.	.	.
326.0	.	.	.
280.0	.	.	.
302.0	.	.	.
258.0	.	.	.
254.0	.	.	.
292.0	.	.	.
310.0	.	.	.
277.0	.	.	.
252.0	.	.	.
281.0	.	.	.
278.0	.	.	.
298.0	.	.	.
263.0	.	.	.
275.0	.	.	.
234.0	.	.	.
260.0	.	.	.
276.0	.	.	.
250.0	.	.	.
269.0	.	.	.
269.0	.	.	.
261.0	.	.	.
259.0	.	.	.
260.0	.	.	.
254.0	.	.	.
248.0	.	.	.
232.0	.	.	.
249.0	.	.	.
253.0	.	.	.
242.0	.	.	.
273.0	.	.	.
248.0	.	.	.
248.0	.	.	.
285.0	.	.	.
238.0	.	.	.
235.0	.	.	.
254.0	.	.	.
229.0	.	.	.

249.0	.	.	.
224.0	.	.	.
240.0	.	.	.
266.0	.	.	.
233.0	.	.	.
245.0	.	.	.
231.0	.	.	.
244.0	.	.	.
212.0	.	.	.
259.0	.	.	.
243.0	.	.	.
241.0	.	.	.
223.0	.	.	.
210.0	.	.	.
249.0	.	.	.
209.0	.	.	.
236.0	.	.	.
189.0	.	.	.
213.0	.	.	.
222.0	.	.	.
206.0	.	.	.
245.0	.	.	.
235.0	.	.	.
214.0	.	.	.
207.0	.	.	.
211.0	.	.	.
215.0	.	.	.
182.0	.	.	.
224.0	.	.	.
203.0	.	.	.
219.0	.	.	.
214.0	.	.	.
211.0	.	.	.
196.0	.	.	.
180.0	.	.	.
169.0	.	.	.
205.0	.	.	.
217.0	.	.	.
197.0	.	.	.
206.0	.	.	.
194.0	.	.	.
186.0	.	.	.
201.0	.	.	.
205.0	.	.	.
181.0	.	.	.
204.0	.	.	.
195.0	.	.	.
207.0	.	.	.
182.0	.	.	.
173.0	.	.	.
200.0	.	.	.
207.0	.	.	.
183.0	.	.	.
183.0	.	.	.

192.0	.	.	.
221.0	.	.	.
202.0	.	.	.
175.0	.	.	.
173.0	.	.	.
198.0	.	.	.
212.0	.	.	.
198.0	.	.	.
205.0	.	.	.
189.0	.	.	.
193.0	.	.	.
200.0	.	.	.
183.0	.	.	.
195.0	.	.	.
190.0	.	.	.
177.0	.	.	.
196.0	.	.	.
214.0	.	.	.
192.0	.	.	.
214.0	.	.	.
191.0	.	.	.
213.0	.	.	.
215.0	.	.	.
223.0	.	.	.
214.0	.	.	.
223.0	.	.	.
205.0	.	.	.
236.0	.	.	.
211.0	.	.	.
251.0	.	.	.
243.0	.	.	.
229.0	.	.	.
240.0	.	.	.
204.0	.	.	.
218.0	.	.	.
256.0	.	.	.
207.0	.	.	.
243.0	.	.	.
215.0	.	.	.
230.0	.	.	.
242.0	.	.	.
247.0	.	.	.
248.0	.	.	.
241.0	.	.	.
236.0	.	.	.
258.0	.	.	.
244.0	.	.	.
250.0	.	.	.
242.0	.	.	.
286.0	.	.	.
238.0	.	.	.
297.0	.	.	.
252.0	.	.	.
259.0	.	.	.

265.0	.	.	.
245.0	.	.	.
259.0	.	.	.
243.0	.	.	.
281.0	.	.	.
261.0	.	.	.
249.0	.	.	.
274.0	.	.	.
270.0	.	.	.
262.0	.	.	.
248.0	.	.	.
217.0	.	.	.
271.0	.	.	.
222.0	.	.	.
259.0	.	.	.
250.0	.	.	.
237.0	.	.	.
244.0	.	.	.
244.0	.	.	.
226.0	.	.	.
241.0	.	.	.
257.0	.	.	.
249.0	.	.	.
248.0	.	.	.
227.0	.	.	.
247.0	.	.	.
280.0	.	.	.
252.0	.	.	.
240.0	.	.	.
240.0	.	.	.
269.0	.	.	.
250.0	.	.	.
259.0	.	.	.
222.0	.	.	.
255.0	.	.	.
259.0	.	.	.
273.0	.	.	.
253.0	.	.	.
283.0	.	.	.
259.0	.	.	.
270.0	.	.	.
246.0	.	.	.
273.0	.	.	.
279.0	.	.	.
232.0	.	.	.
249.0	.	.	.
293.0	.	.	.
270.0	.	.	.
287.0	.	.	.
302.0	.	.	.
294.0	.	.	.
278.0	.	.	.
312.0	.	.	.
322.0	.	.	.

292.0	.	.	.
282.0	.	.	.
325.0	.	.	.
322.0	.	.	.
311.0	.	.	.
325.0	.	.	.
346.0	.	.	.
327.0	.	.	.
349.0	.	.	.
334.0	.	.	.
316.0	.	.	.
364.0	.	.	.
337.0	.	.	.
335.0	.	.	.
339.0	.	.	.
361.0	.	.	.
367.0	.	.	.
317.0	.	.	.
301.0	.	.	.
353.0	.	.	.
356.0	.	.	.
341.0	.	.	.
313.0	.	.	.
308.0	.	.	.
324.0	.	.	.
322.0	.	.	.
305.0	.	.	.
318.0	.	.	.
287.0	.	.	.
295.0	.	.	.
279.0	.	.	.
297.0	.	.	.
319.0	.	.	.
291.0	.	.	.
298.0	.	.	.
283.0	.	.	.
282.0	.	.	.
272.0	.	.	.
292.0	.	.	.
293.0	.	.	.
301.0	.	.	.
254.0	.	.	.
265.0	.	.	.
279.0	.	.	.
250.0	.	.	.
273.0	.	.	.
289.0	.	.	.
271.0	.	.	.
279.0	.	.	.
242.0	.	.	.
244.0	.	.	.
288.0	.	.	.
250.0	.	.	.
279.0	.	.	.

263.0	.	.	.
265.0	.	.	.
257.0	.	.	.
271.0	.	.	.
254.0	.	.	.
271.0	.	.	.
270.0	.	.	.
284.0	.	.	.
246.0	.	.	.
268.0	.	.	.
267.0	.	.	.
328.0	.	.	.
299.0	.	.	.
272.0	.	.	.
284.0	.	.	.
305.0	.	.	.
285.0	.	.	.
286.0	.	.	.
294.0	.	.	.
298.0	.	.	.
272.0	.	.	.
275.0	.	.	.
250.0	.	.	.
285.0	.	.	.
264.0	.	.	.
275.0	.	.	.
262.0	.	.	.
257.0	.	.	.
286.0	.	.	.
268.0	.	.	.
304.0	.	.	.
295.0	.	.	.
275.0	.	.	.
261.0	.	.	.
228.0	.	.	.
277.0	.	.	.
230.0	.	.	.
243.0	.	.	.
267.0	.	.	.
270.0	.	.	.
254.0	.	.	.
281.0	.	.	.
270.0	.	.	.
292.0	.	.	.
244.0	.	.	.
238.0	.	.	.
226.0	.	.	.
248.0	.	.	.
280.0	.	.	.
227.0	.	.	.
252.0	.	.	.
258.0	.	.	.
251.0	.	.	.
261.0	.	.	.

226.0	.	.	.
260.0	.	.	.
264.0	.	.	.
273.0	.	.	.
243.0	.	.	.
251.0	.	.	.
267.0	.	.	.
238.0	.	.	.
261.0	.	.	.
234.0	.	.	.
272.0	.	.	.
234.0	.	.	.
246.0	.	.	.
236.0	.	.	.
232.0	.	.	.
260.0	.	.	.
245.0	.	.	.
271.0	.	.	.
246.0	.	.	.
233.0	.	.	.
216.0	.	.	.
218.0	.	.	.
285.0	.	.	.
250.0	.	.	.
262.0	.	.	.
244.0	.	.	.
230.0	.	.	.
262.0	.	.	.
248.0	.	.	.
264.0	.	.	.
255.0	.	.	.
261.0	.	.	.
234.0	.	.	.
257.0	.	.	.
252.0	.	.	.
256.0	.	.	.
236.0	.	.	.
251.0	.	.	.
267.0	.	.	.
252.0	.	.	.
244.0	.	.	.
235.0	.	.	.
238.0	.	.	.
225.0	.	.	.
229.0	.	.	.
239.0	.	.	.
268.0	.	.	.
266.0	.	.	.
245.0	.	.	.
203.0	.	.	.
268.0	.	.	.
276.0	.	.	.
252.0	.	.	.
255.0	.	.	.

224.0	.	.	.
225.0	.	.	.
235.0	.	.	.
223.0	.	.	.
234.0	.	.	.
238.0	.	.	.
223.0	.	.	.
221.0	.	.	.
215.0	.	.	.
246.0	.	.	.
238.0	.	.	.
247.0	.	.	.
224.0	.	.	.
264.0	.	.	.
249.0	.	.	.
244.0	.	.	.
275.0	.	.	.
255.0	.	.	.
241.0	.	.	.
261.0	.	.	.
255.0	.	.	.
263.0	.	.	.
226.0	.	.	.
254.0	.	.	.
300.0	.	.	.
285.0	.	.	.
233.0	.	.	.
259.0	.	.	.
267.0	.	.	.
264.0	.	.	.
269.0	.	.	.
289.0	.	.	.
278.0	.	.	.
240.0	.	.	.
254.0	.	.	.
240.0	.	.	.
241.0	.	.	.
264.0	.	.	.
265.0	.	.	.
244.0	.	.	.
257.0	.	.	.
255.0	.	.	.
241.0	.	.	.
293.0	.	.	.
262.0	.	.	.
283.0	.	.	.
234.0	.	.	.
265.0	.	.	.
240.0	.	.	.
262.0	.	.	.
234.0	.	.	.
304.0	.	.	.
243.0	.	.	.
244.0	.	.	.



265.0	.	.	.
262.0	.	.	.
267.0	.	.	.
262.0	.	.	.
252.0	.	.	.
272.0	.	.	.
256.0	.	.	.
265.0	.	.	.
273.0	.	.	.
238.0	.	.	.
249.0	.	.	.
261.0	.	.	.
254.0	.	.	.
278.0	.	.	.
265.0	.	.	.
266.0	.	.	.
282.0	.	.	.
264.0	.	.	.
288.0	.	.	.
260.0	.	.	.
293.0	.	.	.
298.0	.	.	.
299.0	.	.	.
262.0	.	.	.
268.0	.	.	.
282.0	.	.	.
249.0	.	.	.
252.0	.	.	.
234.0	.	.	.
249.0	.	.	.
226.0	.	.	.
237.0	.	.	.
256.0	.	.	.
257.0	.	.	.
273.0	.	.	.
257.0	.	.	.
240.0	.	.	.
246.0	.	.	.
230.0	.	.	.
229.0	.	.	.
237.0	.	.	.
221.0	.	.	.
249.0	.	.	.
229.0	.	.	.
253.0	.	.	.
234.0	.	.	.
232.0	.	.	.
209.0	.	.	.
200.0	.	.	.
214.0	.	.	.
248.0	.	.	.
248.0	.	.	.
242.0	.	.	.
225.0	.	.	.

228.0	.	.	.
222.0	.	.	.
251.0	.	.	.
236.0	.	.	.
261.0	.	.	.
247.0	.	.	.
245.0	.	.	.
227.0	.	.	.
240.0	.	.	.
239.0	.	.	.
268.0	.	.	.
248.0	.	.	.
250.0	.	.	.
266.0	.	.	.
246.0	.	.	.
271.0	.	.	.
269.0	.	.	.
246.0	.	.	.
257.0	.	.	.
274.0	.	.	.
237.0	.	.	.
264.0	.	.	.
242.0	.	.	.
232.0	.	.	.
258.0	.	.	.
248.0	.	.	.
257.0	.	.	.
243.0	.	.	.
239.0	.	.	.
238.0	.	.	.
260.0	.	.	.
232.0	.	.	.
234.0	.	.	.
231.0	.	.	.
228.0	.	.	.
227.0	.	.	.
224.0	.	.	.
214.0	.	.	.
197.0	.	.	.
225.0	.	.	.
192.0	.	.	.
228.0	.	.	.
225.0	.	.	.
254.0	.	.	.
219.0	.	.	.
252.0	.	.	.
247.0	.	.	.
239.0	.	.	.
228.0	.	.	.
234.0	.	.	.
234.0	.	.	.
225.0	.	.	.
243.0	.	.	.
273.0	.	.	.

238.0	.	.	.
220.0	.	.	.
217.0	.	.	.
224.0	.	.	.
236.0	.	.	.
238.0	.	.	.
249.0	.	.	.
256.0	.	.	.
239.0	.	.	.
228.0	.	.	.
229.0	.	.	.
250.0	.	.	.
285.0	.	.	.
304.0	.	.	.
257.0	.	.	.
269.0	.	.	.
327.0	.	.	.
300.0	.	.	.
304.0	.	.	.
302.0	.	.	.
295.0	.	.	.
326.0	.	.	.
303.0	.	.	.
319.0	.	.	.
342.0	.	.	.
324.0	.	.	.
340.0	.	.	.
326.0	.	.	.
339.0	.	.	.
318.0	.	.	.
325.0	.	.	.
287.0	.	.	.
283.0	.	.	.
302.0	.	.	.
289.0	.	.	.
289.0	.	.	.
288.0	.	.	.
246.0	.	.	.
286.0	.	.	.
259.0	.	.	.
302.0	.	.	.
235.0	.	.	.
235.0	.	.	.
231.0	.	.	.
274.0	.	.	.
266.0	.	.	.
263.0	.	.	.
235.0	.	.	.
246.0	.	.	.
230.0	.	.	.
262.0	.	.	.
221.0	.	.	.
222.0	.	.	.
267.0	.	.	.

249.0	.	.	.
231.0	.	.	.
220.0	.	.	.
250.0	.	.	.
253.0	.	.	.
216.0	.	.	.
225.0	.	.	.
218.0	.	.	.
231.0	.	.	.
225.0	.	.	.
232.0	.	.	.
225.0	.	.	.
221.0	.	.	.
216.0	.	.	.
213.0	.	.	.
238.0	.	.	.
217.0	.	.	.
207.0	.	.	.
219.0	.	.	.
214.0	.	.	.
227.0	.	.	.
236.0	.	.	.
220.0	.	.	.
231.0	.	.	.
225.0	.	.	.
250.0	.	.	.
233.0	.	.	.
232.0	.	.	.
252.0	.	.	.
204.0	.	.	.
227.0	.	.	.
218.0	.	.	.
231.0	.	.	.
249.0	.	.	.
215.0	.	.	.
250.0	.	.	.
249.0	.	.	.
248.0	.	.	.
235.0	.	.	.
245.0	.	.	.
248.0	.	.	.
259.0	.	.	.
264.0	.	.	.
256.0	.	.	.
243.0	.	.	.
244.0	.	.	.
272.0	.	.	.
282.0	.	.	.
294.0	.	.	.
292.0	.	.	.
278.0	.	.	.
277.0	.	.	.
295.0	.	.	.
263.0	.	.	.

293.0	.	.	.
293.0	.	.	.
289.0	.	.	.
245.0	.	.	.
271.0	.	.	.
276.0	.	.	.
266.0	.	.	.
298.0	.	.	.
274.0	.	.	.
275.0	.	.	.
281.0	.	.	.
330.0	.	.	.
268.0	.	.	.
278.0	.	.	.
259.0	.	.	.
241.0	.	.	.
289.0	.	.	.
260.0	.	.	.
267.0	.	.	.
264.0	.	.	.
281.0	.	.	.
253.0	.	.	.
267.0	.	.	.
244.0	.	.	.
277.0	.	.	.
278.0	.	.	.
280.0	.	.	.
258.0	.	.	.
319.0	.	.	.
295.0	.	.	.
292.0	.	.	.
292.0	.	.	.
314.0	.	.	.
283.0	.	.	.
274.0	.	.	.
314.0	.	.	.
312.0	.	.	.
317.0	.	.	.
332.0	.	.	.
299.0	.	.	.
331.0	.	.	.
307.0	.	.	.
333.0	.	.	.
335.0	.	.	.
315.0	.	.	.
307.0	.	.	.
311.0	.	.	.
296.0	.	.	.
312.0	.	.	.
297.0	.	.	.
293.0	.	.	.
349.0	.	.	.
306.0	.	.	.
297.0	.	.	.

289.0	.	.	.
266.0	.	.	.
299.0	.	.	.
289.0	.	.	.
280.0	.	.	.
257.0	.	.	.
269.0	.	.	.
264.0	.	.	.
231.0	.	.	.
239.0	.	.	.
258.0	.	.	.
246.0	.	.	.
255.0	.	.	.
267.0	.	.	.
246.0	.	.	.
256.0	.	.	.
227.0	.	.	.
254.0	.	.	.
234.0	.	.	.
261.0	.	.	.
206.0	.	.	.
229.0	.	.	.
218.0	.	.	.
249.0	.	.	.
222.0	.	.	.
219.0	.	.	.
229.0	.	.	.
208.0	.	.	.
252.0	.	.	.
249.0	.	.	.
203.0	.	.	.
211.0	.	.	.
206.0	.	.	.
217.0	.	.	.
208.0	.	.	.
225.0	.	.	.
214.0	.	.	.
203.0	.	.	.
217.0	.	.	.
197.0	.	.	.
225.0	.	.	.
209.0	.	.	.
218.0	.	.	.
207.0	.	.	.
215.0	.	.	.
199.0	.	.	.
218.0	.	.	.
225.0	.	.	.
202.0	.	.	.
206.0	.	.	.
233.0	.	.	.
205.0	.	.	.
187.0	.	.	.
202.0	.	.	.

201.0	.	.	.
205.0	.	.	.
213.0	.	.	.
202.0	.	.	.
209.0	.	.	.
203.0	.	.	.
200.0	.	.	.
175.0	.	.	.
193.0	.	.	.
208.0	.	.	.
219.0	.	.	.
208.0	.	.	.
214.0	.	.	.
223.0	.	.	.
218.0	.	.	.
206.0	.	.	.
189.0	.	.	.
234.0	.	.	.
194.0	.	.	.
204.0	.	.	.
200.0	.	.	.
222.0	.	.	.
193.0	.	.	.
202.0	.	.	.
214.0	.	.	.
211.0	.	.	.
225.0	.	.	.
222.0	.	.	.
214.0	.	.	.
199.0	.	.	.
206.0	.	.	.
190.0	.	.	.
223.0	.	.	.
216.0	.	.	.
230.0	.	.	.
206.0	.	.	.
186.0	.	.	.
230.0	.	.	.
222.0	.	.	.
220.0	.	.	.
199.0	.	.	.
225.0	.	.	.
192.0	.	.	.
212.0	.	.	.
206.0	.	.	.
232.0	.	.	.
206.0	.	.	.
208.0	.	.	.
206.0	.	.	.
236.0	.	.	.
207.0	.	.	.
255.0	.	.	.
214.0	.	.	.
227.0	.	.	.

191.0	.	.	.
198.0	.	.	.
217.0	.	.	.
228.0	.	.	.
234.0	.	.	.
235.0	.	.	.
211.0	.	.	.
237.0	.	.	.
262.0	.	.	.
214.0	.	.	.
253.0	.	.	.
209.0	.	.	.
237.0	.	.	.
210.0	.	.	.
252.0	.	.	.
235.0	.	.	.
230.0	.	.	.
217.0	.	.	.
217.0	.	.	.
234.0	.	.	.
235.0	.	.	.
245.0	.	.	.
205.0	.	.	.
230.0	.	.	.
213.0	.	.	.
224.0	.	.	.
206.0	.	.	.
231.0	.	.	.
247.0	.	.	.
233.0	.	.	.
216.0	.	.	.
217.0	.	.	.
241.0	.	.	.
216.0	.	.	.
223.0	.	.	.
199.0	.	.	.
218.0	.	.	.
240.0	.	.	.
249.0	.	.	.
206.0	.	.	.
226.0	.	.	.
216.0	.	.	.
213.0	.	.	.
192.0	.	.	.
229.0	.	.	.
186.0	.	.	.
188.0	.	.	.
195.0	.	.	.
223.0	.	.	.
195.0	.	.	.
211.0	.	.	.
207.0	.	.	.
196.0	.	.	.
197.0	.	.	.



195.0	.	.	.
193.0	.	.	.
228.0	.	.	.
216.0	.	.	.
188.0	.	.	.
223.0	.	.	.
229.0	.	.	.
210.0	.	.	.
213.0	.	.	.
199.0	.	.	.
209.0	.	.	.
223.0	.	.	.
212.0	.	.	.
215.0	.	.	.
206.0	.	.	.
214.0	.	.	.
241.0	.	.	.
202.0	.	.	.
225.0	.	.	.
222.0	.	.	.
232.0	.	.	.
216.0	.	.	.
234.0	.	.	.
205.0	.	.	.
229.0	.	.	.
214.0	.	.	.
220.0	.	.	.
222.0	.	.	.
213.0	.	.	.
222.0	.	.	.
224.0	.	.	.
225.0	.	.	.
221.0	.	.	.
246.0	.	.	.
203.0	.	.	.
236.0	.	.	.
226.0	.	.	.
241.0	.	.	.
239.0	.	.	.
225.0	.	.	.
217.0	.	.	.
246.0	.	.	.
249.0	.	.	.
241.0	.	.	.
245.0	.	.	.
223.0	.	.	.
218.0	.	.	.
239.0	.	.	.
217.0	.	.	.
248.0	.	.	.
243.0	.	.	.
240.0	.	.	.
206.0	.	.	.
241.0	.	.	.

205.0	.	.	.
229.0	.	.	.
232.0	.	.	.
228.0	.	.	.
205.0	.	.	.
234.0	.	.	.
227.0	.	.	.
206.0	.	.	.
202.0	.	.	.
234.0	.	.	.
205.0	.	.	.
218.0	.	.	.
246.0	.	.	.
245.0	.	.	.
212.0	.	.	.
236.0	.	.	.
215.0	.	.	.
237.0	.	.	.
199.0	.	.	.
215.0	.	.	.
226.0	.	.	.
229.0	.	.	.
217.0	.	.	.
245.0	.	.	.
206.0	.	.	.
195.0	.	.	.
219.0	.	.	.
206.0	.	.	.
222.0	.	.	.
205.0	.	.	.
193.0	.	.	.
185.0	.	.	.
210.0	.	.	.
217.0	.	.	.
191.0	.	.	.
213.0	.	.	.
210.0	.	.	.
212.0	.	.	.
205.0	.	.	.
198.0	.	.	.
205.0	.	.	.
195.0	.	.	.
223.0	.	.	.
227.0	.	.	.
208.0	.	.	.
218.0	.	.	.
231.0	.	.	.
228.0	.	.	.
222.0	.	.	.
204.0	.	.	.
221.0	.	.	.
229.0	.	.	.
209.0	.	.	.
214.0	.	.	.

256.0	.	.	.
276.0	.	.	.
217.0	.	.	.
236.0	.	.	.
245.0	.	.	.
229.0	.	.	.
228.0	.	.	.
270.0	.	.	.
255.0	.	.	.
223.0	.	.	.
229.0	.	.	.
284.0	.	.	.
254.0	.	.	.
260.0	.	.	.
236.0	.	.	.
248.0	.	.	.
233.0	.	.	.
258.0	.	.	.
232.0	.	.	.
269.0	.	.	.
253.0	.	.	.
267.0	.	.	.
253.0	.	.	.
258.0	.	.	.
252.0	.	.	.
275.0	.	.	.
229.0	.	.	.
270.0	.	.	.
284.0	.	.	.
259.0	.	.	.
271.0	.	.	.
255.0	.	.	.
250.0	.	.	.
250.0	.	.	.
327.0	.	.	.
299.0	.	.	.
238.0	.	.	.
290.0	.	.	.
259.0	.	.	.
263.0	.	.	.
265.0	.	.	.
276.0	.	.	.
262.0	.	.	.
229.0	.	.	.
292.0	.	.	.
271.0	.	.	.
262.0	.	.	.
260.0	.	.	.
266.0	.	.	.
257.0	.	.	.
245.0	.	.	.
241.0	.	.	.
246.0	.	.	.
227.0	.	.	.

261.0	.	.	.
241.0	.	.	.
223.0	.	.	.
210.0	.	.	.
260.0	.	.	.
211.0	.	.	.
234.0	.	.	.
227.0	.	.	.
231.0	.	.	.
214.0	.	.	.
246.0	.	.	.
226.0	.	.	.
225.0	.	.	.
230.0	.	.	.
227.0	.	.	.
229.0	.	.	.
192.0	.	.	.
211.0	.	.	.
233.0	.	.	.
228.0	.	.	.
226.0	.	.	.
198.0	.	.	.
190.0	.	.	.
241.0	.	.	.
222.0	.	.	.
225.0	.	.	.
228.0	.	.	.
188.0	.	.	.
247.0	.	.	.
193.0	.	.	.
208.0	.	.	.
232.0	.	.	.
210.0	.	.	.
218.0	.	.	.
221.0	.	.	.
229.0	.	.	.
225.0	.	.	.
195.0	.	.	.
212.0	.	.	.
219.0	.	.	.
230.0	.	.	.
221.0	.	.	.
250.0	.	.	.
223.0	.	.	.
216.0	.	.	.
232.0	.	.	.
247.0	.	.	.
242.0	.	.	.
226.0	.	.	.
244.0	.	.	.
247.0	.	.	.
229.0	.	.	.
267.0	.	.	.
258.0	.	.	.

256.0	.	.	.
248.0	.	.	.
234.0	.	.	.
238.0	.	.	.
246.0	.	.	.
226.0	.	.	.
276.0	.	.	.
265.0	.	.	.
270.0	.	.	.
206.0	.	.	.
256.0	.	.	.
248.0	.	.	.
274.0	.	.	.
247.0	.	.	.
261.0	.	.	.
230.0	.	.	.
280.0	.	.	.
229.0	.	.	.
217.0	.	.	.
240.0	.	.	.
232.0	.	.	.
231.0	.	.	.
229.0	.	.	.
248.0	.	.	.
239.0	.	.	.
219.0	.	.	.
241.0	.	.	.
222.0	.	.	.
219.0	.	.	.
200.0	.	.	.
223.0	.	.	.
210.0	.	.	.
226.0	.	.	.
219.0	.	.	.
207.0	.	.	.
210.0	.	.	.
198.0	.	.	.
216.0	.	.	.
201.0	.	.	.
187.0	.	.	.
207.0	.	.	.
212.0	.	.	.
237.0	.	.	.
206.0	.	.	.
212.0	.	.	.
231.0	.	.	.
233.0	.	.	.
227.0	.	.	.
198.0	.	.	.
230.0	.	.	.
215.0	.	.	.
236.0	.	.	.
235.0	.	.	.
232.0	.	.	.

226.0	.	.	.
249.0	.	.	.
225.0	.	.	.
242.0	.	.	.
216.0	.	.	.
294.0	.	.	.
253.0	.	.	.
265.0	.	.	.
246.0	.	.	.
241.0	.	.	.
283.0	.	.	.
211.0	.	.	.
260.0	.	.	.
268.0	.	.	.
249.0	.	.	.
255.0	.	.	.
220.0	.	.	.
246.0	.	.	.
269.0	.	.	.
254.0	.	.	.
224.0	.	.	.
221.0	.	.	.
234.0	.	.	.
254.0	.	.	.
232.0	.	.	.
242.0	.	.	.
238.0	.	.	.
205.0	.	.	.
233.0	.	.	.
206.0	.	.	.
215.0	.	.	.
239.0	.	.	.
177.0	.	.	.
229.0	.	.	.
210.0	.	.	.
212.0	.	.	.
257.0	.	.	.
200.0	.	.	.
231.0	.	.	.
229.0	.	.	.
216.0	.	.	.
236.0	.	.	.
196.0	.	.	.
232.0	.	.	.
219.0	.	.	.
223.0	.	.	.
220.0	.	.	.
218.0	.	.	.
235.0	.	.	.
232.0	.	.	.
228.0	.	.	.
233.0	.	.	.
209.0	.	.	.
229.0	.	.	.

247.0	.	.	.
250.0	.	.	.
226.0	.	.	.
235.0	.	.	.
231.0	.	.	.
253.0	.	.	.
221.0	.	.	.
241.0	.	.	.
248.0	.	.	.
267.0	.	.	.
280.0	.	.	.
294.0	.	.	.
257.0	.	.	.
256.0	.	.	.
277.0	.	.	.
308.0	.	.	.
285.0	.	.	.
281.0	.	.	.
296.0	.	.	.
283.0	.	.	.
319.0	.	.	.
306.0	.	.	.
339.0	.	.	.
316.0	.	.	.
292.0	.	.	.
319.0	.	.	.
312.0	.	.	.
320.0	.	.	.
313.0	.	.	.
306.0	.	.	.
348.0	.	.	.
287.0	.	.	.
293.0	.	.	.
291.0	.	.	.
282.0	.	.	.
280.0	.	.	.
290.0	.	.	.
324.0	.	.	.
271.0	.	.	.
288.0	.	.	.
305.0	.	.	.
320.0	.	.	.
286.0	.	.	.
282.0	.	.	.
239.0	.	.	.
260.0	.	.	.
283.0	.	.	.
261.0	.	.	.
262.0	.	.	.
327.0	.	.	.
302.0	.	.	.
289.0	.	.	.
277.0	.	.	.
295.0	.	.	.

281.0	.	.	.
293.0	.	.	.
289.0	.	.	.
280.0	.	.	.
284.0	.	.	.
288.0	.	.	.
284.0	.	.	.
311.0	.	.	.
302.0	.	.	.
259.0	.	.	.
266.0	.	.	.
307.0	.	.	.
288.0	.	.	.
324.0	.	.	.
303.0	.	.	.
320.0	.	.	.
281.0	.	.	.
287.0	.	.	.
250.0	.	.	.
252.0	.	.	.
284.0	.	.	.
273.0	.	.	.
246.0	.	.	.
271.0	.	.	.
239.0	.	.	.
275.0	.	.	.
247.0	.	.	.
230.0	.	.	.
278.0	.	.	.
229.0	.	.	.
260.0	.	.	.
237.0	.	.	.
238.0	.	.	.
199.0	.	.	.
240.0	.	.	.
251.0	.	.	.
225.0	.	.	.
220.0	.	.	.
211.0	.	.	.
194.0	.	.	.
229.0	.	.	.
215.0	.	.	.
187.0	.	.	.
219.0	.	.	.
201.0	.	.	.
222.0	.	.	.
228.0	.	.	.
238.0	.	.	.
206.0	.	.	.
201.0	.	.	.
235.0	.	.	.
198.0	.	.	.
181.0	.	.	.
217.0	.	.	.



213.0	.	.	.
211.0	.	.	.
210.0	.	.	.
221.0	.	.	.
212.0	.	.	.
207.0	.	.	.
191.0	.	.	.
208.0	.	.	.
205.0	.	.	.
206.0	.	.	.
201.0	.	.	.
216.0	.	.	.
200.0	.	.	.
200.0	.	.	.
170.0	.	.	.
191.0	.	.	.
205.0	.	.	.
206.0	.	.	.
199.0	.	.	.
188.0	.	.	.
208.0	.	.	.
221.0	.	.	.
179.0	.	.	.
190.0	.	.	.
202.0	.	.	.
200.0	.	.	.
175.0	.	.	.
175.0	.	.	.
200.0	.	.	.
170.0	.	.	.
215.0	.	.	.
207.0	.	.	.
196.0	.	.	.
191.0	.	.	.
187.0	.	.	.
234.0	.	.	.
201.0	.	.	.
205.0	.	.	.
201.0	.	.	.
224.0	.	.	.
192.0	.	.	.
183.0	.	.	.
219.0	.	.	.
191.0	.	.	.
206.0	.	.	.
185.0	.	.	.
208.0	.	.	.
197.0	.	.	.
180.0	.	.	.
182.0	.	.	.
219.0	.	.	.
190.0	.	.	.
217.0	.	.	.
214.0	.	.	.

161.0	.	.	.
215.0	.	.	.
190.0	.	.	.
201.0	.	.	.
178.0	.	.	.
179.0	.	.	.
196.0	.	.	.
193.0	.	.	.
198.0	.	.	.
207.0	.	.	.
162.0	.	.	.
179.0	.	.	.
195.0	.	.	.
175.0	.	.	.
194.0	.	.	.
184.0	.	.	.
172.0	.	.	.
186.0	.	.	.
186.0	.	.	.
195.0	.	.	.
169.0	.	.	.
198.0	.	.	.
174.0	.	.	.
175.0	.	.	.
178.0	.	.	.
166.0	.	.	.
166.0	.	.	.
162.0	.	.	.
188.0	.	.	.
170.0	.	.	.
181.0	.	.	.
192.0	.	.	.
171.0	.	.	.
189.0	.	.	.
184.0	.	.	.
174.0	.	.	.
179.0	.	.	.
199.0	.	.	.
180.0	.	.	.
162.0	.	.	.
198.0	.	.	.
230.0	.	.	.
160.0	.	.	.
226.0	.	.	.
173.0	.	.	.
165.0	.	.	.
179.0	.	.	.
188.0	.	.	.
205.0	.	.	.
209.0	.	.	.
162.0	.	.	.
181.0	.	.	.
190.0	.	.	.
172.0	.	.	.

158.0	.	.	.
177.0	.	.	.
176.0	.	.	.
164.0	.	.	.
196.0	.	.	.
172.0	.	.	.
173.0	.	.	.
172.0	.	.	.
208.0	.	.	.
176.0	.	.	.
204.0	.	.	.
160.0	.	.	.
168.0	.	.	.
185.0	.	.	.
193.0	.	.	.
197.0	.	.	.
180.0	.	.	.
192.0	.	.	.
195.0	.	.	.
211.0	.	.	.
215.0	.	.	.
194.0	.	.	.
173.0	.	.	.
191.0	.	.	.
166.0	.	.	.
204.0	.	.	.
193.0	.	.	.
170.0	.	.	.
204.0	.	.	.
162.0	.	.	.
171.0	.	.	.
195.0	.	.	.
195.0	.	.	.
183.0	.	.	.
193.0	.	.	.
196.0	.	.	.
187.0	.	.	.
202.0	.	.	.
189.0	.	.	.
184.0	.	.	.
209.0	.	.	.
222.0	.	.	.
212.0	.	.	.
213.0	.	.	.
209.0	.	.	.
203.0	.	.	.
230.0	.	.	.
220.0	.	.	.
210.0	.	.	.
210.0	.	.	.
229.0	.	.	.
209.0	.	.	.
201.0	.	.	.
198.0	.	.	.

217.0	.	.	.
215.0	.	.	.
240.0	.	.	.
237.0	.	.	.
225.0	.	.	.
211.0	.	.	.
222.0	.	.	.
230.0	.	.	.
211.0	.	.	.
221.0	.	.	.
220.0	.	.	.
244.0	.	.	.
231.0	.	.	.
282.0	.	.	.
238.0	.	.	.
223.0	.	.	.
276.0	.	.	.
261.0	.	.	.
264.0	.	.	.
273.0	.	.	.
247.0	.	.	.
271.0	.	.	.
281.0	.	.	.
275.0	.	.	.
285.0	.	.	.
310.0	.	.	.
266.0	.	.	.
317.0	.	.	.
306.0	.	.	.
315.0	.	.	.
311.0	.	.	.
314.0	.	.	.
311.0	.	.	.
342.0	.	.	.
303.0	.	.	.
349.0	.	.	.
312.0	.	.	.
294.0	.	.	.
337.0	.	.	.
341.0	.	.	.
336.0	.	.	.
315.0	.	.	.
368.0	.	.	.
334.0	.	.	.
363.0	.	.	.
318.0	.	.	.
347.0	.	.	.
348.0	.	.	.
335.0	.	.	.
371.0	.	.	.
326.0	.	.	.
335.0	.	.	.
371.0	.	.	.
361.0	.	.	.

340.0	.	.	.
355.0	.	.	.
347.0	.	.	.
375.0	.	.	.
373.0	.	.	.
331.0	.	.	.
370.0	.	.	.
346.0	.	.	.
336.0	.	.	.
355.0	.	.	.
319.0	.	.	.
363.0	.	.	.
343.0	.	.	.
326.0	.	.	.
348.0	.	.	.
346.0	.	.	.
355.0	.	.	.
338.0	.	.	.
309.0	.	.	.
315.0	.	.	.
300.0	.	.	.
310.0	.	.	.
321.0	.	.	.
302.0	.	.	.
306.0	.	.	.
313.0	.	.	.
314.0	.	.	.
296.0	.	.	.
303.0	.	.	.
298.0	.	.	.
308.0	.	.	.
291.0	.	.	.
295.0	.	.	.
290.0	.	.	.
261.0	.	.	.
295.0	.	.	.
291.0	.	.	.
289.0	.	.	.
273.0	.	.	.
296.0	.	.	.
272.0	.	.	.
285.0	.	.	.
253.0	.	.	.
269.0	.	.	.
261.0	.	.	.
277.0	.	.	.
271.0	.	.	.
264.0	.	.	.
259.0	.	.	.
277.0	.	.	.
298.0	.	.	.
288.0	.	.	.
263.0	.	.	.
244.0	.	.	.

268.0	.	.	.
267.0	.	.	.
259.0	.	.	.
276.0	.	.	.
265.0	.	.	.
247.0	.	.	.
248.0	.	.	.
253.0	.	.	.
286.0	.	.	.
259.0	.	.	.
266.0	.	.	.
276.0	.	.	.
276.0	.	.	.
287.0	.	.	.
270.0	.	.	.
260.0	.	.	.
266.0	.	.	.
270.0	.	.	.
272.0	.	.	.
272.0	.	.	.
267.0	.	.	.
271.0	.	.	.
257.0	.	.	.
244.0	.	.	.
242.0	.	.	.
272.0	.	.	.
262.0	.	.	.
257.0	.	.	.
252.0	.	.	.
242.0	.	.	.
272.0	.	.	.
244.0	.	.	.
260.0	.	.	.
245.0	.	.	.
253.0	.	.	.
231.0	.	.	.
261.0	.	.	.
272.0	.	.	.
259.0	.	.	.
253.0	.	.	.
254.0	.	.	.
260.0	.	.	.
248.0	.	.	.
240.0	.	.	.
239.0	.	.	.
261.0	.	.	.
233.0	.	.	.
264.0	.	.	.
253.0	.	.	.
248.0	.	.	.
250.0	.	.	.
237.0	.	.	.
240.0	.	.	.
234.0	.	.	.

272.0	.	.	.
240.0	.	.	.
257.0	.	.	.
254.0	.	.	.
244.0	.	.	.
265.0	.	.	.
271.0	.	.	.
266.0	.	.	.
244.0	.	.	.
263.0	.	.	.
264.0	.	.	.
268.0	.	.	.
273.0	.	.	.
259.0	.	.	.
269.0	.	.	.
262.0	.	.	.
257.0	.	.	.
275.0	.	.	.
232.0	.	.	.
256.0	.	.	.
248.0	.	.	.
238.0	.	.	.
238.0	.	.	.
255.0	.	.	.
242.0	.	.	.
243.0	.	.	.
259.0	.	.	.
241.0	.	.	.
245.0	.	.	.
239.0	.	.	.
236.0	.	.	.
235.0	.	.	.
243.0	.	.	.
210.0	.	.	.
229.0	.	.	.
233.0	.	.	.
232.0	.	.	.
233.0	.	.	.
227.0	.	.	.
254.0	.	.	.
218.0	.	.	.
222.0	.	.	.
216.0	.	.	.
221.0	.	.	.
225.0	.	.	.
208.0	.	.	.
198.0	.	.	.
251.0	.	.	.
249.0	.	.	.
237.0	.	.	.
217.0	.	.	.
216.0	.	.	.
237.0	.	.	.
223.0	.	.	.

235.0	.	.	.
212.0	.	.	.
223.0	.	.	.
230.0	.	.	.
217.0	.	.	.
209.0	.	.	.
232.0	.	.	.
234.0	.	.	.
233.0	.	.	.
228.0	.	.	.
255.0	.	.	.
214.0	.	.	.
228.0	.	.	.
240.0	.	.	.
228.0	.	.	.
261.0	.	.	.
214.0	.	.	.
233.0	.	.	.
236.0	.	.	.
214.0	.	.	.
230.0	.	.	.
256.0	.	.	.
223.0	.	.	.
238.0	.	.	.
244.0	.	.	.
275.0	.	.	.
250.0	.	.	.
277.0	.	.	.
246.0	.	.	.
275.0	.	.	.
267.0	.	.	.
286.0	.	.	.
285.0	.	.	.
239.0	.	.	.
271.0	.	.	.
272.0	.	.	.
279.0	.	.	.
305.0	.	.	.
270.0	.	.	.
272.0	.	.	.
272.0	.	.	.
258.0	.	.	.
266.0	.	.	.
270.0	.	.	.
273.0	.	.	.
278.0	.	.	.
282.0	.	.	.
271.0	.	.	.
295.0	.	.	.
274.0	.	.	.
269.0	.	.	.
275.0	.	.	.
255.0	.	.	.
273.0	.	.	.



282.0	.	.	.
260.0	.	.	.
262.0	.	.	.
251.0	.	.	.
258.0	.	.	.
257.0	.	.	.
243.0	.	.	.
254.0	.	.	.
242.0	.	.	.
235.0	.	.	.
247.0	.	.	.
262.0	.	.	.
247.0	.	.	.
232.0	.	.	.
264.0	.	.	.
238.0	.	.	.
229.0	.	.	.
238.0	.	.	.
252.0	.	.	.
226.0	.	.	.
241.0	.	.	.
233.0	.	.	.
225.0	.	.	.
213.0	.	.	.
229.0	.	.	.
201.0	.	.	.
246.0	.	.	.
224.0	.	.	.
244.0	.	.	.
221.0	.	.	.
230.0	.	.	.
223.0	.	.	.
221.0	.	.	.
225.0	.	.	.
203.0	.	.	.
240.0	.	.	.
228.0	.	.	.
244.0	.	.	.
217.0	.	.	.
235.0	.	.	.
239.0	.	.	.
231.0	.	.	.
236.0	.	.	.
224.0	.	.	.
236.0	.	.	.
244.0	.	.	.
217.0	.	.	.
241.0	.	.	.
241.0	.	.	.
247.0	.	.	.
220.0	.	.	.
230.0	.	.	.
239.0	.	.	.
213.0	.	.	.

227.0	.	.	.
230.0	.	.	.
251.0	.	.	.
237.0	.	.	.
269.0	.	.	.
236.0	.	.	.
259.0	.	.	.
252.0	.	.	.
252.0	.	.	.
276.0	.	.	.
241.0	.	.	.
288.0	.	.	.
274.0	.	.	.
269.0	.	.	.
259.0	.	.	.
267.0	.	.	.
271.0	.	.	.
275.0	.	.	.
289.0	.	.	.
277.0	.	.	.
298.0	.	.	.
256.0	.	.	.
269.0	.	.	.
281.0	.	.	.
239.0	.	.	.
282.0	.	.	.
271.0	.	.	.
289.0	.	.	.
277.0	.	.	.
271.0	.	.	.
245.0	.	.	.
271.0	.	.	.
284.0	.	.	.
276.0	.	.	.
278.0	.	.	.
262.0	.	.	.
266.0	.	.	.
270.0	.	.	.
262.0	.	.	.
287.0	.	.	.
257.0	.	.	.
259.0	.	.	.
240.0	.	.	.
232.0	.	.	.
265.0	.	.	.
240.0	.	.	.
242.0	.	.	.
230.0	.	.	.
247.0	.	.	.
231.0	.	.	.
246.0	.	.	.
241.0	.	.	.
237.0	.	.	.
241.0	.	.	.

249.0	.	.	.
250.0	.	.	.
244.0	.	.	.
270.0	.	.	.
249.0	.	.	.
255.0	.	.	.
239.0	.	.	.
245.0	.	.	.
251.0	.	.	.
240.0	.	.	.
256.0	.	.	.
273.0	.	.	.
280.0	.	.	.
252.0	.	.	.
254.0	.	.	.
269.0	.	.	.
251.0	.	.	.
250.0	.	.	.
247.0	.	.	.
269.0	.	.	.
262.0	.	.	.
268.0	.	.	.
290.0	.	.	.
240.0	.	.	.
241.0	.	.	.
238.0	.	.	.
262.0	.	.	.
251.0	.	.	.
262.0	.	.	.
252.0	.	.	.
245.0	.	.	.
255.0	.	.	.
257.0	.	.	.
258.0	.	.	.
242.0	.	.	.
226.0	.	.	.
254.0	.	.	.
244.0	.	.	.
252.0	.	.	.
253.0	.	.	.
240.0	.	.	.
253.0	.	.	.
248.0	.	.	.
248.0	.	.	.
254.0	.	.	.
254.0	.	.	.
234.0	.	.	.
249.0	.	.	.
269.0	.	.	.
262.0	.	.	.
256.0	.	.	.
251.0	.	.	.
239.0	.	.	.
247.0	.	.	.

272.0	.	.	.
266.0	.	.	.
232.0	.	.	.
272.0	.	.	.
253.0	.	.	.
257.0	.	.	.
234.0	.	.	.
230.0	.	.	.
253.0	.	.	.
250.0	.	.	.
255.0	.	.	.
252.0	.	.	.
231.0	.	.	.
250.0	.	.	.
260.0	.	.	.
241.0	.	.	.
269.0	.	.	.
244.0	.	.	.
259.0	.	.	.
244.0	.	.	.
233.0	.	.	.
208.0	.	.	.
222.0	.	.	.
226.0	.	.	.
234.0	.	.	.
256.0	.	.	.
242.0	.	.	.
245.0	.	.	.
247.0	.	.	.
254.0	.	.	.
256.0	.	.	.
235.0	.	.	.
257.0	.	.	.
226.0	.	.	.
242.0	.	.	.
258.0	.	.	.
263.0	.	.	.
220.0	.	.	.
247.0	.	.	.
238.0	.	.	.
245.0	.	.	.
265.0	.	.	.
237.0	.	.	.
231.0	.	.	.
253.0	.	.	.
248.0	.	.	.
259.0	.	.	.
238.0	.	.	.
253.0	.	.	.
259.0	.	.	.
269.0	.	.	.
264.0	.	.	.
274.0	.	.	.
234.0	.	.	.

246.0	.	.	.
262.0	.	.	.
268.0	.	.	.
270.0	.	.	.
239.0	.	.	.
262.0	.	.	.
260.0	.	.	.
260.0	.	.	.
238.0	.	.	.
247.0	.	.	.
284.0	.	.	.
264.0	.	.	.
269.0	.	.	.
291.0	.	.	.
236.0	.	.	.
228.0	.	.	.
234.0	.	.	.
252.0	.	.	.
270.0	.	.	.
252.0	.	.	.
274.0	.	.	.
265.0	.	.	.
248.0	.	.	.
304.0	.	.	.
282.0	.	.	.
268.0	.	.	.
263.0	.	.	.
236.0	.	.	.
258.0	.	.	.
275.0	.	.	.
254.0	.	.	.
284.0	.	.	.
275.0	.	.	.
268.0	.	.	.
284.0	.	.	.
234.0	.	.	.
279.0	.	.	.
253.0	.	.	.
247.0	.	.	.
272.0	.	.	.
290.0	.	.	.
236.0	.	.	.
269.0	.	.	.
245.0	.	.	.
262.0	.	.	.
278.0	.	.	.
250.0	.	.	.
282.0	.	.	.
228.0	.	.	.
282.0	.	.	.
262.0	.	.	.
287.0	.	.	.
272.0	.	.	.
264.0	.	.	.

260.0	.	.	.
234.0	.	.	.
248.0	.	.	.
254.0	.	.	.
266.0	.	.	.
254.0	.	.	.
285.0	.	.	.
257.0	.	.	.
244.0	.	.	.
252.0	.	.	.
245.0	.	.	.
269.0	.	.	.
263.0	.	.	.
262.0	.	.	.
248.0	.	.	.
252.0	.	.	.
273.0	.	.	.
254.0	.	.	.
273.0	.	.	.
269.0	.	.	.
279.0	.	.	.
250.0	.	.	.
248.0	.	.	.
257.0	.	.	.
247.0	.	.	.
255.0	.	.	.
253.0	.	.	.
265.0	.	.	.
253.0	.	.	.
251.0	.	.	.
240.0	.	.	.
224.0	.	.	.
249.0	.	.	.
213.0	.	.	.
249.0	.	.	.
225.0	.	.	.
249.0	.	.	.
236.0	.	.	.
221.0	.	.	.
241.0	.	.	.
243.0	.	.	.
219.0	.	.	.
205.0	.	.	.
219.0	.	.	.
227.0	.	.	.
212.0	.	.	.
228.0	.	.	.
216.0	.	.	.
226.0	.	.	.
221.0	.	.	.
216.0	.	.	.
222.0	.	.	.
201.0	.	.	.
206.0	.	.	.

238.0	.	.	.
231.0	.	.	.
188.0	.	.	.
205.0	.	.	.
206.0	.	.	.
215.0	.	.	.
207.0	.	.	.
188.0	.	.	.
212.0	.	.	.
205.0	.	.	.
234.0	.	.	.
217.0	.	.	.
202.0	.	.	.
232.0	.	.	.
230.0	.	.	.
213.0	.	.	.
213.0	.	.	.
236.0	.	.	.
207.0	.	.	.
208.0	.	.	.
230.0	.	.	.
217.0	.	.	.
204.0	.	.	.
202.0	.	.	.
190.0	.	.	.
219.0	.	.	.
212.0	.	.	.
201.0	.	.	.
217.0	.	.	.
237.0	.	.	.
224.0	.	.	.
216.0	.	.	.
211.0	.	.	.
216.0	.	.	.
228.0	.	.	.
236.0	.	.	.
224.0	.	.	.
210.0	.	.	.
213.0	.	.	.
219.0	.	.	.
214.0	.	.	.
208.0	.	.	.
219.0	.	.	.
212.0	.	.	.
224.0	.	.	.
233.0	.	.	.
213.0	.	.	.
225.0	.	.	.
216.0	.	.	.
206.0	.	.	.
201.0	.	.	.
232.0	.	.	.
209.0	.	.	.
220.0	.	.	.

204.0	.	.	.
203.0	.	.	.
214.0	.	.	.
214.0	.	.	.
249.0	.	.	.
214.0	.	.	.
231.0	.	.	.
226.0	.	.	.
218.0	.	.	.
229.0	.	.	.
230.0	.	.	.
233.0	.	.	.
222.0	.	.	.
221.0	.	.	.
216.0	.	.	.
222.0	.	.	.
238.0	.	.	.
238.0	.	.	.
241.0	.	.	.
212.0	.	.	.
237.0	.	.	.
214.0	.	.	.
213.0	.	.	.
242.0	.	.	.
230.0	.	.	.
223.0	.	.	.
234.0	.	.	.
237.0	.	.	.
224.0	.	.	.
250.0	.	.	.
243.0	.	.	.
210.0	.	.	.
267.0	.	.	.
226.0	.	.	.
260.0	.	.	.
244.0	.	.	.
262.0	.	.	.
271.0	.	.	.
254.0	.	.	.
256.0	.	.	.
276.0	.	.	.
227.0	.	.	.
257.0	.	.	.
259.0	.	.	.
252.0	.	.	.
261.0	.	.	.
282.0	.	.	.
288.0	.	.	.
261.0	.	.	.
276.0	.	.	.
285.0	.	.	.
251.0	.	.	.
260.0	.	.	.
271.0	.	.	.



281.0	.	.	.
288.0	.	.	.
290.0	.	.	.
314.0	.	.	.
259.0	.	.	.
267.0	.	.	.
315.0	.	.	.
312.0	.	.	.
283.0	.	.	.
270.0	.	.	.
271.0	.	.	.
281.0	.	.	.
271.0	.	.	.
286.0	.	.	.
299.0	.	.	.
285.0	.	.	.
290.0	.	.	.
270.0	.	.	.
292.0	.	.	.
292.0	.	.	.
290.0	.	.	.
274.0	.	.	.
271.0	.	.	.
254.0	.	.	.
266.0	.	.	.
267.0	.	.	.
266.0	.	.	.
258.0	.	.	.
275.0	.	.	.
271.0	.	.	.
254.0	.	.	.
248.0	.	.	.
250.0	.	.	.
268.0	.	.	.
265.0	.	.	.
225.0	.	.	.
260.0	.	.	.
251.0	.	.	.
236.0	.	.	.
240.0	.	.	.
242.0	.	.	.
253.0	.	.	.
225.0	.	.	.
233.0	.	.	.
213.0	.	.	.
250.0	.	.	.
254.0	.	.	.
237.0	.	.	.
228.0	.	.	.
223.0	.	.	.
245.0	.	.	.
206.0	.	.	.
222.0	.	.	.
244.0	.	.	.

234.0	.	.	.
232.0	.	.	.
210.0	.	.	.
214.0	.	.	.
233.0	.	.	.
240.0	.	.	.
227.0	.	.	.
258.0	.	.	.
237.0	.	.	.
248.0	.	.	.
241.0	.	.	.
252.0	.	.	.
237.0	.	.	.
253.0	.	.	.
233.0	.	.	.
233.0	.	.	.
222.0	.	.	.
278.0	.	.	.
252.0	.	.	.
251.0	.	.	.
236.0	.	.	.
262.0	.	.	.
235.0	.	.	.
252.0	.	.	.
265.0	.	.	.
253.0	.	.	.
235.0	.	.	.
223.0	.	.	.
256.0	.	.	.
264.0	.	.	.
262.0	.	.	.
257.0	.	.	.
252.0	.	.	.
237.0	.	.	.
265.0	.	.	.
242.0	.	.	.
242.0	.	.	.
251.0	.	.	.
260.0	.	.	.
269.0	.	.	.
235.0	.	.	.
259.0	.	.	.
255.0	.	.	.
255.0	.	.	.
286.0	.	.	.
257.0	.	.	.
282.0	.	.	.
252.0	.	.	.
258.0	.	.	.
267.0	.	.	.
238.0	.	.	.
288.0	.	.	.
272.0	.	.	.
256.0	.	.	.

313.0	.	.	.
284.0	.	.	.
287.0	.	.	.
275.0	.	.	.
283.0	.	.	.
306.0	.	.	.
300.0	.	.	.
305.0	.	.	.
326.0	.	.	.
317.0	.	.	.
325.0	.	.	.
365.0	.	.	.
337.0	.	.	.
325.0	.	.	.
331.0	.	.	.
338.0	.	.	.
339.0	.	.	.
377.0	.	.	.
347.0	.	.	.
366.0	.	.	.
337.0	.	.	.
351.0	.	.	.
341.0	.	.	.
358.0	.	.	.
333.0	.	.	.
308.0	.	.	.
308.0	.	.	.
308.0	.	.	.
350.0	.	.	.
307.0	.	.	.
312.0	.	.	.
302.0	.	.	.
292.0	.	.	.
326.0	.	.	.
288.0	.	.	.
290.0	.	.	.
275.0	.	.	.
262.0	.	.	.
253.0	.	.	.
282.0	.	.	.
266.0	.	.	.
278.0	.	.	.
278.0	.	.	.
259.0	.	.	.
270.0	.	.	.
265.0	.	.	.
260.0	.	.	.
257.0	.	.	.
270.0	.	.	.
278.0	.	.	.
230.0	.	.	.
256.0	.	.	.
264.0	.	.	.
258.0	.	.	.

261.0	.	.	.
254.0	.	.	.
256.0	.	.	.
246.0	.	.	.
258.0	.	.	.
237.0	.	.	.
222.0	.	.	.
246.0	.	.	.
255.0	.	.	.
232.0	.	.	.
269.0	.	.	.
259.0	.	.	.
249.0	.	.	.
266.0	.	.	.
250.0	.	.	.
246.0	.	.	.
234.0	.	.	.
256.0	.	.	.
263.0	.	.	.
260.0	.	.	.
274.0	.	.	.
248.0	.	.	.
269.0	.	.	.
256.0	.	.	.
198.0	.	.	.
238.0	.	.	.
247.0	.	.	.
260.0	.	.	.
243.0	.	.	.
228.0	.	.	.
252.0	.	.	.
242.0	.	.	.
247.0	.	.	.
233.0	.	.	.
237.0	.	.	.
241.0	.	.	.
245.0	.	.	.
213.0	.	.	.
246.0	.	.	.
229.0	.	.	.
247.0	.	.	.
232.0	.	.	.
233.0	.	.	.
233.0	.	.	.
241.0	.	.	.
226.0	.	.	.
231.0	.	.	.
218.0	.	.	.
220.0	.	.	.
199.0	.	.	.
213.0	.	.	.
224.0	.	.	.
248.0	.	.	.
203.0	.	.	.

227.0	.	.	.
215.0	.	.	.
202.0	.	.	.
229.0	.	.	.
221.0	.	.	.
237.0	.	.	.
243.0	.	.	.
223.0	.	.	.
204.0	.	.	.
222.0	.	.	.
215.0	.	.	.
216.0	.	.	.
214.0	.	.	.
210.0	.	.	.
231.0	.	.	.
236.0	.	.	.
217.0	.	.	.
221.0	.	.	.
204.0	.	.	.
232.0	.	.	.
239.0	.	.	.
234.0	.	.	.
231.0	.	.	.
252.0	.	.	.
197.0	.	.	.
218.0	.	.	.
230.0	.	.	.
223.0	.	.	.
234.0	.	.	.
216.0	.	.	.
228.0	.	.	.
240.0	.	.	.
243.0	.	.	.
234.0	.	.	.
227.0	.	.	.
218.0	.	.	.
212.0	.	.	.
214.0	.	.	.
207.0	.	.	.
232.0	.	.	.
200.0	.	.	.
220.0	.	.	.
195.0	.	.	.
230.0	.	.	.
220.0	.	.	.
219.0	.	.	.
218.0	.	.	.
220.0	.	.	.
219.0	.	.	.
226.0	.	.	.
210.0	.	.	.
213.0	.	.	.
225.0	.	.	.
218.0	.	.	.

244.0	.	.	.
217.0	.	.	.
208.0	.	.	.
261.0	.	.	.
226.0	.	.	.
194.0	.	.	.
235.0	.	.	.
229.0	.	.	.
220.0	.	.	.
200.0	.	.	.
232.0	.	.	.
231.0	.	.	.
246.0	.	.	.
233.0	.	.	.
217.0	.	.	.
203.0	.	.	.
235.0	.	.	.
257.0	.	.	.
256.0	.	.	.
245.0	.	.	.
244.0	.	.	.
253.0	.	.	.
245.0	.	.	.
261.0	.	.	.
214.0	.	.	.
256.0	.	.	.
265.0	.	.	.
247.0	.	.	.
270.0	.	.	.
247.0	.	.	.
278.0	.	.	.
270.0	.	.	.
248.0	.	.	.
284.0	.	.	.
264.0	.	.	.
253.0	.	.	.
270.0	.	.	.
293.0	.	.	.
299.0	.	.	.
296.0	.	.	.
284.0	.	.	.
287.0	.	.	.
310.0	.	.	.
269.0	.	.	.
283.0	.	.	.
304.0	.	.	.
275.0	.	.	.
271.0	.	.	.
270.0	.	.	.
285.0	.	.	.
303.0	.	.	.
304.0	.	.	.
287.0	.	.	.
298.0	.	.	.

292.0	.	.	.
272.0	.	.	.
274.0	.	.	.
273.0	.	.	.
279.0	.	.	.
282.0	.	.	.
268.0	.	.	.
244.0	.	.	.
266.0	.	.	.
272.0	.	.	.
269.0	.	.	.
259.0	.	.	.
265.0	.	.	.
291.0	.	.	.
263.0	.	.	.
256.0	.	.	.
258.0	.	.	.
254.0	.	.	.
262.0	.	.	.
262.0	.	.	.
259.0	.	.	.
249.0	.	.	.
258.0	.	.	.
279.0	.	.	.
265.0	.	.	.
247.0	.	.	.
266.0	.	.	.
314.0	.	.	.
267.0	.	.	.
292.0	.	.	.
305.0	.	.	.
265.0	.	.	.
248.0	.	.	.
281.0	.	.	.
296.0	.	.	.
277.0	.	.	.
282.0	.	.	.
299.0	.	.	.
296.0	.	.	.
280.0	.	.	.
287.0	.	.	.
270.0	.	.	.
291.0	.	.	.
292.0	.	.	.
313.0	.	.	.
272.0	.	.	.
297.0	.	.	.
302.0	.	.	.
293.0	.	.	.
313.0	.	.	.
305.0	.	.	.
325.0	.	.	.
267.0	.	.	.
299.0	.	.	.

294.0	.	.	.
298.0	.	.	.
244.0	.	.	.
291.0	.	.	.
300.0	.	.	.
291.0	.	.	.
264.0	.	.	.
305.0	.	.	.
275.0	.	.	.
267.0	.	.	.
277.0	.	.	.
258.0	.	.	.
264.0	.	.	.
285.0	.	.	.
295.0	.	.	.
292.0	.	.	.
259.0	.	.	.
279.0	.	.	.
284.0	.	.	.
293.0	.	.	.
296.0	.	.	.
289.0	.	.	.
270.0	.	.	.
278.0	.	.	.
261.0	.	.	.
311.0	.	.	.
310.0	.	.	.
321.0	.	.	.
281.0	.	.	.
274.0	.	.	.
291.0	.	.	.
304.0	.	.	.
311.0	.	.	.
296.0	.	.	.
273.0	.	.	.
282.0	.	.	.
314.0	.	.	.
282.0	.	.	.
285.0	.	.	.
278.0	.	.	.
260.0	.	.	.
260.0	.	.	.
279.0	.	.	.
276.0	.	.	.
278.0	.	.	.
287.0	.	.	.
284.0	.	.	.
301.0	.	.	.
292.0	.	.	.
249.0	.	.	.
290.0	.	.	.
292.0	.	.	.
299.0	.	.	.
279.0	.	.	.



269.0	.	.	.
275.0	.	.	.
299.0	.	.	.
251.0	.	.	.
289.0	.	.	.
265.0	.	.	.
294.0	.	.	.
285.0	.	.	.
233.0	.	.	.
246.0	.	.	.
264.0	.	.	.
265.0	.	.	.
265.0	.	.	.
262.0	.	.	.
233.0	.	.	.
263.0	.	.	.
246.0	.	.	.
241.0	.	.	.
257.0	.	.	.
260.0	.	.	.
267.0	.	.	.
276.0	.	.	.
260.0	.	.	.
267.0	.	.	.
270.0	.	.	.
263.0	.	.	.
255.0	.	.	.
236.0	.	.	.
271.0	.	.	.
248.0	.	.	.
278.0	.	.	.
241.0	.	.	.
236.0	.	.	.
241.0	.	.	.
243.0	.	.	.
274.0	.	.	.
262.0	.	.	.
250.0	.	.	.
245.0	.	.	.
275.0	.	.	.
265.0	.	.	.
265.0	.	.	.
256.0	.	.	.
287.0	.	.	.
282.0	.	.	.
270.0	.	.	.
292.0	.	.	.
277.0	.	.	.
311.0	.	.	.
313.0	.	.	.
308.0	.	.	.
280.0	.	.	.
297.0	.	.	.
322.0	.	.	.

291.0	.	.	.
310.0	.	.	.
295.0	.	.	.
344.0	.	.	.
283.0	.	.	.
319.0	.	.	.
317.0	.	.	.
299.0	.	.	.
338.0	.	.	.
343.0	.	.	.
347.0	.	.	.
363.0	.	.	.
323.0	.	.	.
364.0	.	.	.
369.0	.	.	.
370.0	.	.	.
384.0	.	.	.
362.0	.	.	.
369.0	.	.	.
346.0	.	.	.
395.0	.	.	.
351.0	.	.	.
375.0	.	.	.
384.0	.	.	.
384.0	.	.	.
351.0	.	.	.
356.0	.	.	.
347.0	.	.	.
357.0	.	.	.
355.0	.	.	.
323.0	.	.	.
344.0	.	.	.
353.0	.	.	.
371.0	.	.	.
324.0	.	.	.
338.0	.	.	.
325.0	.	.	.
337.0	.	.	.
314.0	.	.	.
321.0	.	.	.
347.0	.	.	.
340.0	.	.	.
324.0	.	.	.
309.0	.	.	.
350.0	.	.	.
329.0	.	.	.
342.0	.	.	.
373.0	.	.	.
339.0	.	.	.
353.0	.	.	.
353.0	.	.	.
332.0	.	.	.
339.0	.	.	.
329.0	.	.	.

313.0	.	.	.
341.0	.	.	.
348.0	.	.	.
340.0	.	.	.
340.0	.	.	.
295.0	.	.	.
383.0	.	.	.
342.0	.	.	.
321.0	.	.	.
306.0	.	.	.
337.0	.	.	.
315.0	.	.	.
338.0	.	.	.
356.0	.	.	.
302.0	.	.	.
327.0	.	.	.
351.0	.	.	.
331.0	.	.	.
324.0	.	.	.
332.0	.	.	.
306.0	.	.	.
311.0	.	.	.
317.0	.	.	.
335.0	.	.	.
326.0	.	.	.
312.0	.	.	.
318.0	.	.	.
323.0	.	.	.
288.0	.	.	.
297.0	.	.	.
345.0	.	.	.
319.0	.	.	.
321.0	.	.	.
279.0	.	.	.
316.0	.	.	.
318.0	.	.	.
309.0	.	.	.
327.0	.	.	.
348.0	.	.	.
291.0	.	.	.
285.0	.	.	.
316.0	.	.	.
319.0	.	.	.
304.0	.	.	.
283.0	.	.	.
303.0	.	.	.
282.0	.	.	.
287.0	.	.	.
282.0	.	.	.
307.0	.	.	.
281.0	.	.	.
291.0	.	.	.
300.0	.	.	.
289.0	.	.	.

272.0	.	.	.
290.0	.	.	.
271.0	.	.	.
297.0	.	.	.
275.0	.	.	.
288.0	.	.	.
268.0	.	.	.
302.0	.	.	.
291.0	.	.	.
290.0	.	.	.
266.0	.	.	.
274.0	.	.	.
263.0	.	.	.
304.0	.	.	.
267.0	.	.	.
281.0	.	.	.
272.0	.	.	.
262.0	.	.	.
247.0	.	.	.
264.0	.	.	.
268.0	.	.	.
262.0	.	.	.
272.0	.	.	.
263.0	.	.	.
285.0	.	.	.
259.0	.	.	.
249.0	.	.	.
261.0	.	.	.
258.0	.	.	.
271.0	.	.	.
279.0	.	.	.
244.0	.	.	.
273.0	.	.	.
282.0	.	.	.
263.0	.	.	.
265.0	.	.	.
257.0	.	.	.
255.0	.	.	.
257.0	.	.	.
262.0	.	.	.
266.0	.	.	.
255.0	.	.	.
278.0	.	.	.
272.0	.	.	.
246.0	.	.	.
232.0	.	.	.
255.0	.	.	.
267.0	.	.	.
266.0	.	.	.
282.0	.	.	.
272.0	.	.	.
263.0	.	.	.
288.0	.	.	.
240.0	.	.	.

268.0	.	.	.
268.0	.	.	.
246.0	.	.	.
280.0	.	.	.
273.0	.	.	.
281.0	.	.	.
251.0	.	.	.
305.0	.	.	.
285.0	.	.	.
279.0	.	.	.
310.0	.	.	.
324.0	.	.	.
290.0	.	.	.
323.0	.	.	.
323.0	.	.	.
315.0	.	.	.
347.0	.	.	.
317.0	.	.	.
322.0	.	.	.
319.0	.	.	.
366.0	.	.	.
337.0	.	.	.
328.0	.	.	.
348.0	.	.	.
317.0	.	.	.
353.0	.	.	.
343.0	.	.	.
369.0	.	.	.
353.0	.	.	.
375.0	.	.	.
292.0	.	.	.
325.0	.	.	.
365.0	.	.	.
343.0	.	.	.
321.0	.	.	.
318.0	.	.	.
316.0	.	.	.
325.0	.	.	.
328.0	.	.	.
291.0	.	.	.
283.0	.	.	.
330.0	.	.	.
291.0	.	.	.
293.0	.	.	.
302.0	.	.	.
293.0	.	.	.
295.0	.	.	.
266.0	.	.	.
300.0	.	.	.
293.0	.	.	.
276.0	.	.	.
295.0	.	.	.
267.0	.	.	.
266.0	.	.	.

271.0	.	.	.
242.0	.	.	.
244.0	.	.	.
269.0	.	.	.
285.0	.	.	.
280.0	.	.	.
267.0	.	.	.
298.0	.	.	.
245.0	.	.	.
286.0	.	.	.
262.0	.	.	.
258.0	.	.	.
255.0	.	.	.
298.0	.	.	.
263.0	.	.	.
282.0	.	.	.
238.0	.	.	.
273.0	.	.	.
290.0	.	.	.
271.0	.	.	.
275.0	.	.	.
280.0	.	.	.
277.0	.	.	.
285.0	.	.	.
275.0	.	.	.
303.0	.	.	.
276.0	.	.	.
268.0	.	.	.
277.0	.	.	.
287.0	.	.	.
276.0	.	.	.
281.0	.	.	.
271.0	.	.	.
312.0	.	.	.
302.0	.	.	.
300.0	.	.	.
271.0	.	.	.
267.0	.	.	.
274.0	.	.	.
291.0	.	.	.
297.0	.	.	.
279.0	.	.	.
262.0	.	.	.
288.0	.	.	.
256.0	.	.	.
263.0	.	.	.
255.0	.	.	.
269.0	.	.	.
281.0	.	.	.
267.0	.	.	.
281.0	.	.	.
279.0	.	.	.
238.0	.	.	.
282.0	.	.	.

278.0	.	.	.
280.0	.	.	.
250.0	.	.	.
235.0	.	.	.
273.0	.	.	.
242.0	.	.	.
224.0	.	.	.
236.0	.	.	.
231.0	.	.	.
219.0	.	.	.
277.0	.	.	.
246.0	.	.	.
236.0	.	.	.
243.0	.	.	.
194.0	.	.	.
238.0	.	.	.
254.0	.	.	.
245.0	.	.	.
197.0	.	.	.
215.0	.	.	.
241.0	.	.	.
219.0	.	.	.
235.0	.	.	.
227.0	.	.	.
222.0	.	.	.
228.0	.	.	.
235.0	.	.	.
225.0	.	.	.
222.0	.	.	.
226.0	.	.	.
211.0	.	.	.
226.0	.	.	.
218.0	.	.	.
214.0	.	.	.
218.0	.	.	.
232.0	.	.	.
216.0	.	.	.
197.0	.	.	.
203.0	.	.	.
207.0	.	.	.
209.0	.	.	.
210.0	.	.	.
225.0	.	.	.
221.0	.	.	.
218.0	.	.	.
215.0	.	.	.
232.0	.	.	.
192.0	.	.	.
231.0	.	.	.
211.0	.	.	.
226.0	.	.	.
203.0	.	.	.
216.0	.	.	.
215.0	.	.	.

218.0	.	.	.
202.0	.	.	.
215.0	.	.	.
228.0	.	.	.
225.0	.	.	.
199.0	.	.	.
211.0	.	.	.
226.0	.	.	.
232.0	.	.	.
208.0	.	.	.
221.0	.	.	.
224.0	.	.	.
266.0	.	.	.
220.0	.	.	.
241.0	.	.	.
238.0	.	.	.
224.0	.	.	.
228.0	.	.	.
228.0	.	.	.
253.0	.	.	.
232.0	.	.	.
225.0	.	.	.
261.0	.	.	.
236.0	.	.	.
239.0	.	.	.
246.0	.	.	.
232.0	.	.	.
236.0	.	.	.
280.0	.	.	.
248.0	.	.	.
256.0	.	.	.
267.0	.	.	.
256.0	.	.	.
261.0	.	.	.
263.0	.	.	.
252.0	.	.	.
281.0	.	.	.
271.0	.	.	.
277.0	.	.	.
276.0	.	.	.
272.0	.	.	.
264.0	.	.	.
289.0	.	.	.
304.0	.	.	.
283.0	.	.	.
309.0	.	.	.
289.0	.	.	.
274.0	.	.	.
268.0	.	.	.
270.0	.	.	.
302.0	.	.	.
311.0	.	.	.
322.0	.	.	.
318.0	.	.	.



298.0	.	.	.
353.0	.	.	.
348.0	.	.	.
322.0	.	.	.
325.0	.	.	.
373.0	.	.	.
356.0	.	.	.
328.0	.	.	.
355.0	.	.	.
384.0	.	.	.
343.0	.	.	.
344.0	.	.	.
367.0	.	.	.
381.0	.	.	.
393.0	.	.	.
386.0	.	.	.
386.0	.	.	.
393.0	.	.	.
376.0	.	.	.
425.0	.	.	.
386.0	.	.	.
383.0	.	.	.
380.0	.	.	.
389.0	.	.	.
368.0	.	.	.
377.0	.	.	.
356.0	.	.	.
378.0	.	.	.
380.0	.	.	.
339.0	.	.	.
346.0	.	.	.
378.0	.	.	.
327.0	.	.	.
321.0	.	.	.
321.0	.	.	.
300.0	.	.	.
305.0	.	.	.
305.0	.	.	.
296.0	.	.	.
313.0	.	.	.
295.0	.	.	.
339.0	.	.	.
335.0	.	.	.
328.0	.	.	.
299.0	.	.	.
323.0	.	.	.
327.0	.	.	.
326.0	.	.	.
308.0	.	.	.
314.0	.	.	.
292.0	.	.	.
292.0	.	.	.
310.0	.	.	.
317.0	.	.	.

310.0	.	.	.
345.0	.	.	.
341.0	.	.	.
337.0	.	.	.
350.0	.	.	.
318.0	.	.	.
305.0	.	.	.
314.0	.	.	.
332.0	.	.	.
318.0	.	.	.
346.0	.	.	.
345.0	.	.	.
322.0	.	.	.
354.0	.	.	.
377.0	.	.	.
345.0	.	.	.
325.0	.	.	.
335.0	.	.	.
332.0	.	.	.
354.0	.	.	.
334.0	.	.	.
322.0	.	.	.
283.0	.	.	.
318.0	.	.	.
303.0	.	.	.
319.0	.	.	.
315.0	.	.	.
300.0	.	.	.
342.0	.	.	.
316.0	.	.	.
297.0	.	.	.
283.0	.	.	.
300.0	.	.	.
246.0	.	.	.
296.0	.	.	.
252.0	.	.	.
252.0	.	.	.
260.0	.	.	.
251.0	.	.	.
253.0	.	.	.
261.0	.	.	.
236.0	.	.	.
240.0	.	.	.
259.0	.	.	.
240.0	.	.	.
235.0	.	.	.
229.0	.	.	.
221.0	.	.	.
247.0	.	.	.
257.0	.	.	.
238.0	.	.	.
237.0	.	.	.
256.0	.	.	.
242.0	.	.	.

236.0	.	.	.
231.0	.	.	.
223.0	.	.	.
244.0	.	.	.
240.0	.	.	.
250.0	.	.	.
231.0	.	.	.
247.0	.	.	.
263.0	.	.	.
221.0	.	.	.
249.0	.	.	.
239.0	.	.	.
231.0	.	.	.
258.0	.	.	.
231.0	.	.	.
226.0	.	.	.
223.0	.	.	.
226.0	.	.	.
249.0	.	.	.
236.0	.	.	.
228.0	.	.	.
205.0	.	.	.
229.0	.	.	.
223.0	.	.	.
230.0	.	.	.
186.0	.	.	.
249.0	.	.	.
205.0	.	.	.
219.0	.	.	.
216.0	.	.	.
227.0	.	.	.
209.0	.	.	.
243.0	.	.	.
229.0	.	.	.
226.0	.	.	.
241.0	.	.	.
210.0	.	.	.
212.0	.	.	.
208.0	.	.	.
207.0	.	.	.
227.0	.	.	.
208.0	.	.	.
227.0	.	.	.
207.0	.	.	.
197.0	.	.	.
207.0	.	.	.
214.0	.	.	.
213.0	.	.	.
228.0	.	.	.
213.0	.	.	.
207.0	.	.	.
220.0	.	.	.
226.0	.	.	.
221.0	.	.	.

222.0	.	.	.
220.0	.	.	.
214.0	.	.	.
211.0	.	.	.
248.0	.	.	.
243.0	.	.	.
229.0	.	.	.
235.0	.	.	.
230.0	.	.	.
248.0	.	.	.
224.0	.	.	.
257.0	.	.	.
238.0	.	.	.
218.0	.	.	.
224.0	.	.	.
256.0	.	.	.
250.0	.	.	.
245.0	.	.	.
270.0	.	.	.
247.0	.	.	.
251.0	.	.	.
259.0	.	.	.
270.0	.	.	.
260.0	.	.	.
236.0	.	.	.
224.0	.	.	.
244.0	.	.	.
246.0	.	.	.
259.0	.	.	.
230.0	.	.	.
232.0	.	.	.
232.0	.	.	.
247.0	.	.	.
236.0	.	.	.
243.0	.	.	.
205.0	.	.	.
253.0	.	.	.
223.0	.	.	.
223.0	.	.	.
245.0	.	.	.
236.0	.	.	.
229.0	.	.	.
211.0	.	.	.
213.0	.	.	.
229.0	.	.	.
225.0	.	.	.
210.0	.	.	.
234.0	.	.	.
215.0	.	.	.
222.0	.	.	.
232.0	.	.	.
200.0	.	.	.
212.0	.	.	.
228.0	.	.	.

258.0	.	.	.
239.0	.	.	.
213.0	.	.	.
198.0	.	.	.
210.0	.	.	.
209.0	.	.	.
227.0	.	.	.
197.0	.	.	.
198.0	.	.	.
225.0	.	.	.
176.0	.	.	.
216.0	.	.	.
195.0	.	.	.
222.0	.	.	.
221.0	.	.	.
194.0	.	.	.
203.0	.	.	.
215.0	.	.	.
220.0	.	.	.
222.0	.	.	.
218.0	.	.	.
245.0	.	.	.
222.0	.	.	.
232.0	.	.	.
195.0	.	.	.
208.0	.	.	.
203.0	.	.	.
228.0	.	.	.
204.0	.	.	.
207.0	.	.	.
216.0	.	.	.
225.0	.	.	.
229.0	.	.	.
204.0	.	.	.
218.0	.	.	.
224.0	.	.	.
247.0	.	.	.
179.0	.	.	.
219.0	.	.	.
214.0	.	.	.
208.0	.	.	.
218.0	.	.	.
215.0	.	.	.
205.0	.	.	.
211.0	.	.	.
191.0	.	.	.
225.0	.	.	.
220.0	.	.	.
204.0	.	.	.
218.0	.	.	.
223.0	.	.	.
211.0	.	.	.
208.0	.	.	.
210.0	.	.	.

210.0	.	.	.
225.0	.	.	.
183.0	.	.	.
209.0	.	.	.
213.0	.	.	.
186.0	.	.	.
227.0	.	.	.
194.0	.	.	.
210.0	.	.	.
197.0	.	.	.
192.0	.	.	.
180.0	.	.	.
216.0	.	.	.
226.0	.	.	.
206.0	.	.	.
215.0	.	.	.
219.0	.	.	.
210.0	.	.	.
198.0	.	.	.
203.0	.	.	.
228.0	.	.	.
202.0	.	.	.
218.0	.	.	.
216.0	.	.	.
200.0	.	.	.
228.0	.	.	.
213.0	.	.	.
192.0	.	.	.
209.0	.	.	.
188.0	.	.	.
200.0	.	.	.
190.0	.	.	.
206.0	.	.	.
195.0	.	.	.
197.0	.	.	.
211.0	.	.	.
203.0	.	.	.
186.0	.	.	.
194.0	.	.	.
213.0	.	.	.
194.0	.	.	.
208.0	.	.	.
220.0	.	.	.
214.0	.	.	.
214.0	.	.	.
212.0	.	.	.
188.0	.	.	.
222.0	.	.	.
189.0	.	.	.
185.0	.	.	.
210.0	.	.	.
202.0	.	.	.
181.0	.	.	.
194.0	.	.	.

212.0	.	.	.
218.0	.	.	.
212.0	.	.	.
212.0	.	.	.
193.0	.	.	.
214.0	.	.	.
212.0	.	.	.
214.0	.	.	.
198.0	.	.	.
206.0	.	.	.
222.0	.	.	.
221.0	.	.	.
202.0	.	.	.
220.0	.	.	.
203.0	.	.	.
192.0	.	.	.
219.0	.	.	.
201.0	.	.	.
222.0	.	.	.
209.0	.	.	.
230.0	.	.	.
236.0	.	.	.
222.0	.	.	.
224.0	.	.	.
228.0	.	.	.
221.0	.	.	.
234.0	.	.	.
210.0	.	.	.
240.0	.	.	.
222.0	.	.	.
220.0	.	.	.
232.0	.	.	.
246.0	.	.	.
244.0	.	.	.
233.0	.	.	.
208.0	.	.	.
244.0	.	.	.
236.0	.	.	.
231.0	.	.	.
229.0	.	.	.
225.0	.	.	.
236.0	.	.	.
220.0	.	.	.
221.0	.	.	.
187.0	.	.	.
250.0	.	.	.
226.0	.	.	.
183.0	.	.	.
242.0	.	.	.
197.0	.	.	.
243.0	.	.	.
231.0	.	.	.
223.0	.	.	.
226.0	.	.	.

222.0	.	.	.
206.0	.	.	.
218.0	.	.	.
240.0	.	.	.
218.0	.	.	.
224.0	.	.	.
210.0	.	.	.
219.0	.	.	.
191.0	.	.	.
213.0	.	.	.
230.0	.	.	.
211.0	.	.	.
211.0	.	.	.
226.0	.	.	.
215.0	.	.	.
219.0	.	.	.
211.0	.	.	.
201.0	.	.	.
175.0	.	.	.
212.0	.	.	.
187.0	.	.	.
226.0	.	.	.
204.0	.	.	.
205.0	.	.	.
210.0	.	.	.
207.0	.	.	.
230.0	.	.	.
208.0	.	.	.
215.0	.	.	.
218.0	.	.	.
207.0	.	.	.
221.0	.	.	.
195.0	.	.	.
204.0	.	.	.
225.0	.	.	.
186.0	.	.	.
216.0	.	.	.
202.0	.	.	.
209.0	.	.	.
216.0	.	.	.
220.0	.	.	.
230.0	.	.	.
243.0	.	.	.
214.0	.	.	.
216.0	.	.	.
238.0	.	.	.
227.0	.	.	.
212.0	.	.	.
186.0	.	.	.
201.0	.	.	.
207.0	.	.	.
221.0	.	.	.
233.0	.	.	.
211.0	.	.	.



224.0	.	.	.
223.0	.	.	.
230.0	.	.	.
212.0	.	.	.
203.0	.	.	.
229.0	.	.	.
226.0	.	.	.
223.0	.	.	.
239.0	.	.	.
238.0	.	.	.
228.0	.	.	.
242.0	.	.	.
229.0	.	.	.
220.0	.	.	.
248.0	.	.	.
229.0	.	.	.
241.0	.	.	.
250.0	.	.	.
249.0	.	.	.
224.0	.	.	.
252.0	.	.	.
225.0	.	.	.
223.0	.	.	.
268.0	.	.	.
256.0	.	.	.
221.0	.	.	.
251.0	.	.	.
254.0	.	.	.
238.0	.	.	.
225.0	.	.	.
240.0	.	.	.
245.0	.	.	.
231.0	.	.	.
246.0	.	.	.
279.0	.	.	.
255.0	.	.	.
257.0	.	.	.
247.0	.	.	.
248.0	.	.	.
254.0	.	.	.
282.0	.	.	.
269.0	.	.	.
252.0	.	.	.
278.0	.	.	.
249.0	.	.	.
272.0	.	.	.
251.0	.	.	.
296.0	.	.	.
277.0	.	.	.
276.0	.	.	.
266.0	.	.	.
256.0	.	.	.
267.0	.	.	.
254.0	.	.	.

250.0	.	.	.
250.0	.	.	.
264.0	.	.	.
270.0	.	.	.
270.0	.	.	.
279.0	.	.	.
278.0	.	.	.
290.0	.	.	.
297.0	.	.	.
292.0	.	.	.
302.0	.	.	.
278.0	.	.	.
309.0	.	.	.
257.0	.	.	.
305.0	.	.	.
322.0	.	.	.
289.0	.	.	.
306.0	.	.	.
298.0	.	.	.
315.0	.	.	.
304.0	.	.	.
320.0	.	.	.
330.0	.	.	.
307.0	.	.	.
342.0	.	.	.
315.0	.	.	.
332.0	.	.	.
331.0	.	.	.
304.0	.	.	.
321.0	.	.	.
319.0	.	.	.
339.0	.	.	.
325.0	.	.	.
331.0	.	.	.
306.0	.	.	.
341.0	.	.	.
304.0	.	.	.
322.0	.	.	.
335.0	.	.	.
329.0	.	.	.
328.0	.	.	.
297.0	.	.	.
277.0	.	.	.
308.0	.	.	.
275.0	.	.	.
319.0	.	.	.
292.0	.	.	.
263.0	.	.	.
279.0	.	.	.
303.0	.	.	.
289.0	.	.	.
294.0	.	.	.
284.0	.	.	.
331.0	.	.	.

299.0	.	.	.
300.0	.	.	.
291.0	.	.	.
253.0	.	.	.
305.0	.	.	.
277.0	.	.	.
263.0	.	.	.
275.0	.	.	.
257.0	.	.	.
280.0	.	.	.
276.0	.	.	.
293.0	.	.	.
275.0	.	.	.
271.0	.	.	.
243.0	.	.	.
273.0	.	.	.
272.0	.	.	.
276.0	.	.	.
269.0	.	.	.
276.0	.	.	.
264.0	.	.	.
296.0	.	.	.
281.0	.	.	.
233.0	.	.	.
270.0	.	.	.
282.0	.	.	.
274.0	.	.	.
249.0	.	.	.
301.0	.	.	.
300.0	.	.	.
262.0	.	.	.
298.0	.	.	.
305.0	.	.	.
326.0	.	.	.
332.0	.	.	.
316.0	.	.	.
316.0	.	.	.
308.0	.	.	.
336.0	.	.	.
372.0	.	.	.
331.0	.	.	.
368.0	.	.	.
364.0	.	.	.
355.0	.	.	.
382.0	.	.	.
380.0	.	.	.
373.0	.	.	.
385.0	.	.	.
410.0	.	.	.
409.0	.	.	.
389.0	.	.	.
453.0	.	.	.
406.0	.	.	.
420.0	.	.	.

468.0	.	.	.
441.0	.	.	.
441.0	.	.	.
464.0	.	.	.
511.0	.	.	.
442.0	.	.	.
500.0	.	.	.
471.0	.	.	.
470.0	.	.	.
473.0	.	.	.
485.0	.	.	.
473.0	.	.	.
462.0	.	.	.
459.0	.	.	.
474.0	.	.	.
442.0	.	.	.
462.0	.	.	.
442.0	.	.	.
476.0	.	.	.
461.0	.	.	.
442.0	.	.	.
419.0	.	.	.
455.0	.	.	.
445.0	.	.	.
427.0	.	.	.
434.0	.	.	.
422.0	.	.	.
420.0	.	.	.
395.0	.	.	.
448.0	.	.	.
428.0	.	.	.
470.0	.	.	.
406.0	.	.	.
443.0	.	.	.
390.0	.	.	.
399.0	.	.	.
429.0	.	.	.
367.0	.	.	.
348.0	.	.	.
401.0	.	.	.
369.0	.	.	.
334.0	.	.	.
348.0	.	.	.
348.0	.	.	.
338.0	.	.	.
367.0	.	.	.
343.0	.	.	.
317.0	.	.	.
340.0	.	.	.
377.0	.	.	.
354.0	.	.	.
348.0	.	.	.
373.0	.	.	.
347.0	.	.	.

307.0	.	.	.
325.0	.	.	.
327.0	.	.	.
316.0	.	.	.
326.0	.	.	.
324.0	.	.	.
311.0	.	.	.
311.0	.	.	.
317.0	.	.	.
321.0	.	.	.
307.0	.	.	.
281.0	.	.	.
292.0	.	.	.
316.0	.	.	.
306.0	.	.	.
294.0	.	.	.
281.0	.	.	.
264.0	.	.	.
284.0	.	.	.
297.0	.	.	.
254.0	.	.	.
286.0	.	.	.
296.0	.	.	.
299.0	.	.	.
250.0	.	.	.
265.0	.	.	.
275.0	.	.	.
273.0	.	.	.
285.0	.	.	.
294.0	.	.	.
300.0	.	.	.
279.0	.	.	.
297.0	.	.	.
279.0	.	.	.
273.0	.	.	.
283.0	.	.	.
251.0	.	.	.
278.0	.	.	.
272.0	.	.	.
275.0	.	.	.
302.0	.	.	.
286.0	.	.	.
275.0	.	.	.
273.0	.	.	.
280.0	.	.	.
268.0	.	.	.
252.0	.	.	.
264.0	.	.	.
272.0	.	.	.
300.0	.	.	.
258.0	.	.	.
275.0	.	.	.
262.0	.	.	.
260.0	.	.	.

307.0	.	.	.
283.0	.	.	.
310.0	.	.	.
283.0	.	.	.
305.0	.	.	.
308.0	.	.	.
293.0	.	.	.
307.0	.	.	.
294.0	.	.	.
280.0	.	.	.
307.0	.	.	.
286.0	.	.	.
297.0	.	.	.
313.0	.	.	.
307.0	.	.	.
336.0	.	.	.
339.0	.	.	.
330.0	.	.	.
310.0	.	.	.
353.0	.	.	.
343.0	.	.	.
364.0	.	.	.
336.0	.	.	.
332.0	.	.	.
349.0	.	.	.
296.0	.	.	.
307.0	.	.	.
369.0	.	.	.
317.0	.	.	.
349.0	.	.	.
352.0	.	.	.
314.0	.	.	.
313.0	.	.	.
353.0	.	.	.
312.0	.	.	.
357.0	.	.	.
299.0	.	.	.
337.0	.	.	.
304.0	.	.	.
363.0	.	.	.
324.0	.	.	.
338.0	.	.	.
346.0	.	.	.
330.0	.	.	.
327.0	.	.	.
297.0	.	.	.
312.0	.	.	.
330.0	.	.	.
318.0	.	.	.
286.0	.	.	.
301.0	.	.	.
309.0	.	.	.
314.0	.	.	.
280.0	.	.	.

252.0	.	.	.
278.0	.	.	.
277.0	.	.	.
283.0	.	.	.
266.0	.	.	.
293.0	.	.	.
288.0	.	.	.
286.0	.	.	.
283.0	.	.	.
304.0	.	.	.
264.0	.	.	.
278.0	.	.	.
282.0	.	.	.
269.0	.	.	.
264.0	.	.	.
282.0	.	.	.
276.0	.	.	.
259.0	.	.	.
262.0	.	.	.
294.0	.	.	.
240.0	.	.	.
247.0	.	.	.
240.0	.	.	.
246.0	.	.	.
274.0	.	.	.
282.0	.	.	.
251.0	.	.	.
265.0	.	.	.
238.0	.	.	.
237.0	.	.	.
266.0	.	.	.
259.0	.	.	.
250.0	.	.	.
245.0	.	.	.
249.0	.	.	.
257.0	.	.	.
276.0	.	.	.
270.0	.	.	.
241.0	.	.	.
269.0	.	.	.
237.0	.	.	.
246.0	.	.	.
235.0	.	.	.
243.0	.	.	.
247.0	.	.	.
261.0	.	.	.
239.0	.	.	.
243.0	.	.	.
239.0	.	.	.
258.0	.	.	.
233.0	.	.	.
227.0	.	.	.
281.0	.	.	.
279.0	.	.	.

260.0	.	.	.
250.0	.	.	.
246.0	.	.	.
247.0	.	.	.
258.0	.	.	.
235.0	.	.	.
266.0	.	.	.
252.0	.	.	.
269.0	.	.	.
219.0	.	.	.
285.0	.	.	.
295.0	.	.	.
235.0	.	.	.
263.0	.	.	.
275.0	.	.	.
229.0	.	.	.
257.0	.	.	.
271.0	.	.	.
249.0	.	.	.
273.0	.	.	.
282.0	.	.	.
243.0	.	.	.
256.0	.	.	.
255.0	.	.	.
270.0	.	.	.
271.0	.	.	.
265.0	.	.	.
215.0	.	.	.
227.0	.	.	.
275.0	.	.	.
264.0	.	.	.
236.0	.	.	.
239.0	.	.	.
255.0	.	.	.
259.0	.	.	.
261.0	.	.	.
248.0	.	.	.
238.0	.	.	.
216.0	.	.	.
241.0	.	.	.
224.0	.	.	.
210.0	.	.	.
266.0	.	.	.
223.0	.	.	.
216.0	.	.	.
260.0	.	.	.
262.0	.	.	.
231.0	.	.	.
237.0	.	.	.
235.0	.	.	.
238.0	.	.	.
221.0	.	.	.
234.0	.	.	.
238.0	.	.	.



211.0	.	.	.
232.0	.	.	.
225.0	.	.	.
252.0	.	.	.
221.0	.	.	.
217.0	.	.	.
216.0	.	.	.
235.0	.	.	.
215.0	.	.	.
182.0	.	.	.
238.0	.	.	.
230.0	.	.	.
222.0	.	.	.
209.0	.	.	.
225.0	.	.	.
214.0	.	.	.
211.0	.	.	.
227.0	.	.	.
235.0	.	.	.
223.0	.	.	.
178.0	.	.	.
240.0	.	.	.
208.0	.	.	.
213.0	.	.	.
217.0	.	.	.
245.0	.	.	.
211.0	.	.	.
200.0	.	.	.
224.0	.	.	.
252.0	.	.	.
214.0	.	.	.
204.0	.	.	.
249.0	.	.	.
238.0	.	.	.
221.0	.	.	.
212.0	.	.	.
241.0	.	.	.
227.0	.	.	.
237.0	.	.	.
244.0	.	.	.
249.0	.	.	.
240.0	.	.	.
228.0	.	.	.
249.0	.	.	.
245.0	.	.	.
297.0	.	.	.
255.0	.	.	.
281.0	.	.	.
257.0	.	.	.
259.0	.	.	.
254.0	.	.	.
272.0	.	.	.
283.0	.	.	.
297.0	.	.	.

281.0	.	.	.
263.0	.	.	.
260.0	.	.	.
281.0	.	.	.
272.0	.	.	.
304.0	.	.	.
286.0	.	.	.
272.0	.	.	.
311.0	.	.	.
293.0	.	.	.
256.0	.	.	.
279.0	.	.	.
264.0	.	.	.
308.0	.	.	.
260.0	.	.	.
292.0	.	.	.
248.0	.	.	.
302.0	.	.	.
299.0	.	.	.
284.0	.	.	.
286.0	.	.	.
272.0	.	.	.
265.0	.	.	.
245.0	.	.	.
265.0	.	.	.
290.0	.	.	.
276.0	.	.	.
260.0	.	.	.
310.0	.	.	.
291.0	.	.	.
251.0	.	.	.
285.0	.	.	.
259.0	.	.	.
275.0	.	.	.
262.0	.	.	.
269.0	.	.	.
291.0	.	.	.
295.0	.	.	.
287.0	.	.	.
275.0	.	.	.
280.0	.	.	.
304.0	.	.	.
278.0	.	.	.
277.0	.	.	.
284.0	.	.	.
267.0	.	.	.
282.0	.	.	.
263.0	.	.	.
297.0	.	.	.
263.0	.	.	.
272.0	.	.	.
254.0	.	.	.
279.0	.	.	.
253.0	.	.	.

274.0	.	.	.
258.0	.	.	.
254.0	.	.	.
270.0	.	.	.
267.0	.	.	.
241.0	.	.	.
228.0	.	.	.
242.0	.	.	.
226.0	.	.	.
281.0	.	.	.
230.0	.	.	.
258.0	.	.	.
267.0	.	.	.
239.0	.	.	.
258.0	.	.	.
246.0	.	.	.
239.0	.	.	.
256.0	.	.	.
242.0	.	.	.
253.0	.	.	.
228.0	.	.	.
236.0	.	.	.
235.0	.	.	.
258.0	.	.	.
252.0	.	.	.
241.0	.	.	.
228.0	.	.	.
213.0	.	.	.
225.0	.	.	.
211.0	.	.	.
270.0	.	.	.
268.0	.	.	.
257.0	.	.	.
252.0	.	.	.
222.0	.	.	.
244.0	.	.	.
262.0	.	.	.
263.0	.	.	.
240.0	.	.	.
277.0	.	.	.
243.0	.	.	.
277.0	.	.	.
256.0	.	.	.
282.0	.	.	.
250.0	.	.	.
270.0	.	.	.
267.0	.	.	.
242.0	.	.	.
255.0	.	.	.
272.0	.	.	.
253.0	.	.	.
275.0	.	.	.
256.0	.	.	.
231.0	.	.	.

262.0	.	.	.
236.0	.	.	.
267.0	.	.	.
266.0	.	.	.
247.0	.	.	.
261.0	.	.	.
271.0	.	.	.
290.0	.	.	.
277.0	.	.	.
283.0	.	.	.
277.0	.	.	.
265.0	.	.	.
252.0	.	.	.
292.0	.	.	.
270.0	.	.	.
287.0	.	.	.
252.0	.	.	.
288.0	.	.	.
270.0	.	.	.
248.0	.	.	.
254.0	.	.	.
271.0	.	.	.
275.0	.	.	.
267.0	.	.	.
269.0	.	.	.
276.0	.	.	.
277.0	.	.	.
273.0	.	.	.
299.0	.	.	.
227.0	.	.	.
287.0	.	.	.
253.0	.	.	.
279.0	.	.	.
256.0	.	.	.
264.0	.	.	.
259.0	.	.	.
276.0	.	.	.
282.0	.	.	.
279.0	.	.	.
265.0	.	.	.
267.0	.	.	.
232.0	.	.	.
286.0	.	.	.
260.0	.	.	.
251.0	.	.	.
261.0	.	.	.
254.0	.	.	.
241.0	.	.	.
245.0	.	.	.
257.0	.	.	.
244.0	.	.	.
241.0	.	.	.
259.0	.	.	.
272.0	.	.	.

249.0	.	.	.
251.0	.	.	.
256.0	.	.	.
245.0	.	.	.
246.0	.	.	.
285.0	.	.	.
256.0	.	.	.
280.0	.	.	.
283.0	.	.	.
251.0	.	.	.
228.0	.	.	.
244.0	.	.	.
250.0	.	.	.
223.0	.	.	.
237.0	.	.	.
247.0	.	.	.
287.0	.	.	.
257.0	.	.	.
247.0	.	.	.
249.0	.	.	.
259.0	.	.	.
260.0	.	.	.
302.0	.	.	.
237.0	.	.	.
254.0	.	.	.
279.0	.	.	.
275.0	.	.	.
273.0	.	.	.
254.0	.	.	.
284.0	.	.	.
265.0	.	.	.
257.0	.	.	.
277.0	.	.	.
268.0	.	.	.
256.0	.	.	.
277.0	.	.	.
298.0	.	.	.
240.0	.	.	.
259.0	.	.	.
256.0	.	.	.
253.0	.	.	.
284.0	.	.	.
253.0	.	.	.
245.0	.	.	.
243.0	.	.	.
275.0	.	.	.
252.0	.	.	.
252.0	.	.	.
238.0	.	.	.
237.0	.	.	.
265.0	.	.	.
299.0	.	.	.
259.0	.	.	.
240.0	.	.	.

237.0	.	.	.
277.0	.	.	.
265.0	.	.	.
235.0	.	.	.
263.0	.	.	.
247.0	.	.	.
245.0	.	.	.
256.0	.	.	.
258.0	.	.	.
255.0	.	.	.
274.0	.	.	.
278.0	.	.	.
250.0	.	.	.
256.0	.	.	.
267.0	.	.	.
271.0	.	.	.
306.0	.	.	.
266.0	.	.	.
284.0	.	.	.
304.0	.	.	.
284.0	.	.	.
255.0	.	.	.
245.0	.	.	.
241.0	.	.	.
289.0	.	.	.
266.0	.	.	.
284.0	.	.	.
280.0	.	.	.
271.0	.	.	.
290.0	.	.	.
288.0	.	.	.
277.0	.	.	.
272.0	.	.	.
265.0	.	.	.
237.0	.	.	.
282.0	.	.	.
246.0	.	.	.
286.0	.	.	.
257.0	.	.	.
273.0	.	.	.
291.0	.	.	.
252.0	.	.	.
297.0	.	.	.
300.0	.	.	.
287.0	.	.	.
268.0	.	.	.
301.0	.	.	.
277.0	.	.	.
272.0	.	.	.
271.0	.	.	.
234.0	.	.	.
259.0	.	.	.
264.0	.	.	.
284.0	.	.	.

287.0	.	.	.
273.0	.	.	.
278.0	.	.	.
261.0	.	.	.
284.0	.	.	.
290.0	.	.	.
278.0	.	.	.
277.0	.	.	.
298.0	.	.	.
266.0	.	.	.
262.0	.	.	.
275.0	.	.	.
242.0	.	.	.
305.0	.	.	.
301.0	.	.	.
300.0	.	.	.
283.0	.	.	.
262.0	.	.	.
288.0	.	.	.
275.0	.	.	.
259.0	.	.	.
261.0	.	.	.
281.0	.	.	.
252.0	.	.	.
252.0	.	.	.
270.0	.	.	.
277.0	.	.	.
263.0	.	.	.
275.0	.	.	.
245.0	.	.	.
252.0	.	.	.
287.0	.	.	.
265.0	.	.	.
275.0	.	.	.
241.0	.	.	.
251.0	.	.	.
257.0	.	.	.
267.0	.	.	.
272.0	.	.	.
263.0	.	.	.
264.0	.	.	.
282.0	.	.	.
262.0	.	.	.
274.0	.	.	.
257.0	.	.	.
236.0	.	.	.
275.0	.	.	.
252.0	.	.	.
246.0	.	.	.
262.0	.	.	.
269.0	.	.	.
262.0	.	.	.
260.0	.	.	.
279.0	.	.	.

265.0	.	.	.
280.0	.	.	.
255.0	.	.	.
272.0	.	.	.
272.0	.	.	.
261.0	.	.	.
236.0	.	.	.
252.0	.	.	.
230.0	.	.	.
273.0	.	.	.
264.0	.	.	.
239.0	.	.	.
240.0	.	.	.
253.0	.	.	.
268.0	.	.	.
245.0	.	.	.
262.0	.	.	.
259.0	.	.	.
256.0	.	.	.
242.0	.	.	.
226.0	.	.	.
249.0	.	.	.
226.0	.	.	.
265.0	.	.	.
235.0	.	.	.
243.0	.	.	.
267.0	.	.	.
240.0	.	.	.
234.0	.	.	.
255.0	.	.	.
243.0	.	.	.
247.0	.	.	.
222.0	.	.	.
228.0	.	.	.
255.0	.	.	.
245.0	.	.	.
224.0	.	.	.
230.0	.	.	.
242.0	.	.	.
212.0	.	.	.
239.0	.	.	.
233.0	.	.	.
222.0	.	.	.
241.0	.	.	.
234.0	.	.	.
219.0	.	.	.
206.0	.	.	.
215.0	.	.	.
245.0	.	.	.
213.0	.	.	.
229.0	.	.	.
228.0	.	.	.
204.0	.	.	.
200.0	.	.	.



225.0	.	.	.
252.0	.	.	.
240.0	.	.	.
225.0	.	.	.
247.0	.	.	.
208.0	.	.	.
235.0	.	.	.
228.0	.	.	.
246.0	.	.	.
236.0	.	.	.
247.0	.	.	.
221.0	.	.	.
231.0	.	.	.
243.0	.	.	.
216.0	.	.	.
230.0	.	.	.
224.0	.	.	.
230.0	.	.	.
233.0	.	.	.
211.0	.	.	.
218.0	.	.	.
184.0	.	.	.
214.0	.	.	.
210.0	.	.	.
211.0	.	.	.
219.0	.	.	.
217.0	.	.	.
234.0	.	.	.
216.0	.	.	.
232.0	.	.	.
224.0	.	.	.
207.0	.	.	.
219.0	.	.	.
232.0	.	.	.
206.0	.	.	.
213.0	.	.	.
211.0	.	.	.
184.0	.	.	.
182.0	.	.	.
214.0	.	.	.
219.0	.	.	.
205.0	.	.	.
190.0	.	.	.
198.0	.	.	.
194.0	.	.	.
181.0	.	.	.
188.0	.	.	.
194.0	.	.	.
184.0	.	.	.
212.0	.	.	.
201.0	.	.	.
190.0	.	.	.
192.0	.	.	.
209.0	.	.	.

187.0	.	.	.
217.0	.	.	.
223.0	.	.	.
195.0	.	.	.
219.0	.	.	.
197.0	.	.	.
207.0	.	.	.
210.0	.	.	.
228.0	.	.	.
219.0	.	.	.
203.0	.	.	.
223.0	.	.	.
216.0	.	.	.
203.0	.	.	.
202.0	.	.	.
199.0	.	.	.
206.0	.	.	.
226.0	.	.	.
199.0	.	.	.
199.0	.	.	.
208.0	.	.	.
215.0	.	.	.
208.0	.	.	.
207.0	.	.	.
206.0	.	.	.
227.0	.	.	.
220.0	.	.	.
195.0	.	.	.
208.0	.	.	.
215.0	.	.	.
215.0	.	.	.
197.0	.	.	.
183.0	.	.	.
226.0	.	.	.
223.0	.	.	.
221.0	.	.	.
225.0	.	.	.
192.0	.	.	.
210.0	.	.	.
197.0	.	.	.
224.0	.	.	.
210.0	.	.	.
203.0	.	.	.
247.0	.	.	.
233.0	.	.	.
206.0	.	.	.
212.0	.	.	.
217.0	.	.	.
235.0	.	.	.
212.0	.	.	.
222.0	.	.	.
221.0	.	.	.
231.0	.	.	.
229.0	.	.	.

223.0	.	.	.
243.0	.	.	.
229.0	.	.	.
234.0	.	.	.
224.0	.	.	.
218.0	.	.	.
210.0	.	.	.
220.0	.	.	.
207.0	.	.	.
240.0	.	.	.
206.0	.	.	.
232.0	.	.	.
234.0	.	.	.
212.0	.	.	.
212.0	.	.	.
241.0	.	.	.
236.0	.	.	.
276.0	.	.	.
251.0	.	.	.
244.0	.	.	.
222.0	.	.	.
226.0	.	.	.
256.0	.	.	.
219.0	.	.	.
217.0	.	.	.
232.0	.	.	.
267.0	.	.	.
254.0	.	.	.
223.0	.	.	.
198.0	.	.	.
221.0	.	.	.
225.0	.	.	.
219.0	.	.	.
220.0	.	.	.
263.0	.	.	.
251.0	.	.	.
230.0	.	.	.
217.0	.	.	.
256.0	.	.	.
241.0	.	.	.
223.0	.	.	.
247.0	.	.	.
224.0	.	.	.
225.0	.	.	.
225.0	.	.	.
199.0	.	.	.
205.0	.	.	.
231.0	.	.	.
226.0	.	.	.
225.0	.	.	.
214.0	.	.	.
216.0	.	.	.
233.0	.	.	.
230.0	.	.	.

233.0	.	.	.
235.0	.	.	.
190.0	.	.	.
242.0	.	.	.
237.0	.	.	.
204.0	.	.	.
235.0	.	.	.
232.0	.	.	.
212.0	.	.	.
219.0	.	.	.
233.0	.	.	.
206.0	.	.	.
229.0	.	.	.
214.0	.	.	.
231.0	.	.	.
222.0	.	.	.
201.0	.	.	.
204.0	.	.	.
168.0	.	.	.
209.0	.	.	.
234.0	.	.	.
208.0	.	.	.
233.0	.	.	.
213.0	.	.	.
237.0	.	.	.
206.0	.	.	.
247.0	.	.	.
246.0	.	.	.
202.0	.	.	.
192.0	.	.	.
208.0	.	.	.
220.0	.	.	.
245.0	.	.	.
229.0	.	.	.
235.0	.	.	.
202.0	.	.	.
177.0	.	.	.
215.0	.	.	.
232.0	.	.	.
209.0	.	.	.
219.0	.	.	.
206.0	.	.	.
212.0	.	.	.
203.0	.	.	.
222.0	.	.	.
225.0	.	.	.
228.0	.	.	.
224.0	.	.	.
242.0	.	.	.
226.0	.	.	.
229.0	.	.	.
222.0	.	.	.
214.0	.	.	.
246.0	.	.	.

203.0	.	.	.
207.0	.	.	.
223.0	.	.	.
226.0	.	.	.
249.0	.	.	.
236.0	.	.	.
247.0	.	.	.
248.0	.	.	.
241.0	.	.	.
247.0	.	.	.
225.0	.	.	.
257.0	.	.	.
254.0	.	.	.
262.0	.	.	.
244.0	.	.	.
254.0	.	.	.
223.0	.	.	.
269.0	.	.	.
207.0	.	.	.
247.0	.	.	.
235.0	.	.	.
243.0	.	.	.
235.0	.	.	.
255.0	.	.	.
235.0	.	.	.
261.0	.	.	.
236.0	.	.	.
241.0	.	.	.
248.0	.	.	.
216.0	.	.	.
258.0	.	.	.
238.0	.	.	.
253.0	.	.	.
270.0	.	.	.
242.0	.	.	.
239.0	.	.	.
236.0	.	.	.
263.0	.	.	.
253.0	.	.	.
286.0	.	.	.
262.0	.	.	.
241.0	.	.	.
260.0	.	.	.
269.0	.	.	.
243.0	.	.	.
272.0	.	.	.
257.0	.	.	.
235.0	.	.	.
258.0	.	.	.
269.0	.	.	.
248.0	.	.	.
223.0	.	.	.
240.0	.	.	.
262.0	.	.	.

243.0	.	.	.
222.0	.	.	.
214.0	.	.	.
249.0	.	.	.
234.0	.	.	.
195.0	.	.	.
240.0	.	.	.
234.0	.	.	.
246.0	.	.	.
208.0	.	.	.
223.0	.	.	.
208.0	.	.	.
206.0	.	.	.
207.0	.	.	.
231.0	.	.	.
209.0	.	.	.
233.0	.	.	.
244.0	.	.	.
217.0	.	.	.
257.0	.	.	.
211.0	.	.	.
212.0	.	.	.
232.0	.	.	.
201.0	.	.	.
221.0	.	.	.
201.0	.	.	.
209.0	.	.	.
213.0	.	.	.
186.0	.	.	.
252.0	.	.	.
199.0	.	.	.
192.0	.	.	.
227.0	.	.	.
214.0	.	.	.
196.0	.	.	.
199.0	.	.	.
214.0	.	.	.
243.0	.	.	.
202.0	.	.	.
239.0	.	.	.
194.0	.	.	.
209.0	.	.	.
222.0	.	.	.
225.0	.	.	.
201.0	.	.	.
237.0	.	.	.
164.0	.	.	.
218.0	.	.	.
234.0	.	.	.
201.0	.	.	.
242.0	.	.	.
238.0	.	.	.
218.0	.	.	.
201.0	.	.	.

238.0	.	.	.
239.0	.	.	.
195.0	.	.	.
237.0	.	.	.
244.0	.	.	.
236.0	.	.	.
239.0	.	.	.
229.0	.	.	.
200.0	.	.	.
207.0	.	.	.
228.0	.	.	.
228.0	.	.	.
227.0	.	.	.
228.0	.	.	.
241.0	.	.	.
226.0	.	.	.
244.0	.	.	.
265.0	.	.	.
262.0	.	.	.
250.0	.	.	.
234.0	.	.	.
254.0	.	.	.
248.0	.	.	.
266.0	.	.	.
219.0	.	.	.
267.0	.	.	.
258.0	.	.	.
245.0	.	.	.
269.0	.	.	.
263.0	.	.	.
265.0	.	.	.
258.0	.	.	.
278.0	.	.	.
260.0	.	.	.
240.0	.	.	.
260.0	.	.	.
288.0	.	.	.
249.0	.	.	.
242.0	.	.	.
265.0	.	.	.
238.0	.	.	.
253.0	.	.	.
249.0	.	.	.
245.0	.	.	.
233.0	.	.	.
249.0	.	.	.
271.0	.	.	.
244.0	.	.	.
245.0	.	.	.
233.0	.	.	.
273.0	.	.	.
252.0	.	.	.
243.0	.	.	.
240.0	.	.	.

254.0	.	.	.
234.0	.	.	.
235.0	.	.	.
248.0	.	.	.
241.0	.	.	.
245.0	.	.	.
222.0	.	.	.
229.0	.	.	.
240.0	.	.	.
234.0	.	.	.
243.0	.	.	.
221.0	.	.	.
251.0	.	.	.
206.0	.	.	.
197.0	.	.	.
247.0	.	.	.
243.0	.	.	.
203.0	.	.	.
238.0	.	.	.
226.0	.	.	.
201.0	.	.	.
197.0	.	.	.
204.0	.	.	.
208.0	.	.	.
227.0	.	.	.
193.0	.	.	.
234.0	.	.	.
186.0	.	.	.
218.0	.	.	.
217.0	.	.	.
219.0	.	.	.
196.0	.	.	.
213.0	.	.	.
217.0	.	.	.
210.0	.	.	.
202.0	.	.	.
212.0	.	.	.
227.0	.	.	.
217.0	.	.	.
204.0	.	.	.
225.0	.	.	.
241.0	.	.	.
220.0	.	.	.
206.0	.	.	.
232.0	.	.	.
210.0	.	.	.
240.0	.	.	.
212.0	.	.	.
203.0	.	.	.
244.0	.	.	.
232.0	.	.	.
218.0	.	.	.
235.0	.	.	.
226.0	.	.	.



239.0	.	.	.
232.0	.	.	.
231.0	.	.	.
239.0	.	.	.
223.0	.	.	.
209.0	.	.	.
241.0	.	.	.
229.0	.	.	.
237.0	.	.	.
267.0	.	.	.
224.0	.	.	.
241.0	.	.	.
208.0	.	.	.
221.0	.	.	.
229.0	.	.	.
221.0	.	.	.
238.0	.	.	.
247.0	.	.	.
252.0	.	.	.
264.0	.	.	.
241.0	.	.	.
249.0	.	.	.
239.0	.	.	.
257.0	.	.	.
258.0	.	.	.
235.0	.	.	.
275.0	.	.	.
267.0	.	.	.
264.0	.	.	.
250.0	.	.	.
273.0	.	.	.
275.0	.	.	.
275.0	.	.	.
259.0	.	.	.
258.0	.	.	.
266.0	.	.	.
261.0	.	.	.
248.0	.	.	.
271.0	.	.	.
257.0	.	.	.
231.0	.	.	.
281.0	.	.	.
263.0	.	.	.
263.0	.	.	.
270.0	.	.	.
268.0	.	.	.
252.0	.	.	.
214.0	.	.	.
288.0	.	.	.
240.0	.	.	.
276.0	.	.	.
270.0	.	.	.
248.0	.	.	.
264.0	.	.	.

287.0	.	.	.
226.0	.	.	.
254.0	.	.	.
230.0	.	.	.
265.0	.	.	.
262.0	.	.	.
245.0	.	.	.
229.0	.	.	.
257.0	.	.	.
236.0	.	.	.
210.0	.	.	.
240.0	.	.	.
242.0	.	.	.
252.0	.	.	.
275.0	.	.	.
260.0	.	.	.
240.0	.	.	.
212.0	.	.	.
220.0	.	.	.
231.0	.	.	.
223.0	.	.	.
230.0	.	.	.
238.0	.	.	.
237.0	.	.	.
229.0	.	.	.
225.0	.	.	.
239.0	.	.	.
217.0	.	.	.
246.0	.	.	.
216.0	.	.	.
222.0	.	.	.
250.0	.	.	.
228.0	.	.	.
239.0	.	.	.
244.0	.	.	.
243.0	.	.	.
244.0	.	.	.
257.0	.	.	.
228.0	.	.	.
253.0	.	.	.
261.0	.	.	.
253.0	.	.	.
230.0	.	.	.
258.0	.	.	.
263.0	.	.	.
267.0	.	.	.
258.0	.	.	.
261.0	.	.	.
233.0	.	.	.
249.0	.	.	.
238.0	.	.	.
256.0	.	.	.
222.0	.	.	.
263.0	.	.	.

251.0	.	.	.
232.0	.	.	.
238.0	.	.	.
289.0	.	.	.
255.0	.	.	.
269.0	.	.	.
288.0	.	.	.
265.0	.	.	.
282.0	.	.	.
254.0	.	.	.
229.0	.	.	.
292.0	.	.	.
273.0	.	.	.
278.0	.	.	.
295.0	.	.	.
298.0	.	.	.
256.0	.	.	.
251.0	.	.	.
266.0	.	.	.
263.0	.	.	.
266.0	.	.	.
304.0	.	.	.
291.0	.	.	.
262.0	.	.	.
277.0	.	.	.
283.0	.	.	.
285.0	.	.	.
279.0	.	.	.
278.0	.	.	.
276.0	.	.	.
279.0	.	.	.
293.0	.	.	.
253.0	.	.	.
292.0	.	.	.
318.0	.	.	.
268.0	.	.	.
320.0	.	.	.
285.0	.	.	.
272.0	.	.	.
312.0	.	.	.
273.0	.	.	.
268.0	.	.	.
275.0	.	.	.
264.0	.	.	.
266.0	.	.	.
279.0	.	.	.
283.0	.	.	.
253.0	.	.	.
248.0	.	.	.
247.0	.	.	.
274.0	.	.	.
271.0	.	.	.
270.0	.	.	.
257.0	.	.	.

280.0	.	.	.
276.0	.	.	.
270.0	.	.	.
261.0	.	.	.
296.0	.	.	.
263.0	.	.	.
256.0	.	.	.
263.0	.	.	.
294.0	.	.	.
244.0	.	.	.
277.0	.	.	.
277.0	.	.	.
246.0	.	.	.
248.0	.	.	.
247.0	.	.	.
272.0	.	.	.
282.0	.	.	.
275.0	.	.	.
293.0	.	.	.
242.0	.	.	.
273.0	.	.	.
258.0	.	.	.
293.0	.	.	.
263.0	.	.	.
237.0	.	.	.
276.0	.	.	.
301.0	.	.	.
257.0	.	.	.
291.0	.	.	.
259.0	.	.	.
271.0	.	.	.
242.0	.	.	.
268.0	.	.	.
296.0	.	.	.
274.0	.	.	.
249.0	.	.	.
244.0	.	.	.
268.0	.	.	.
255.0	.	.	.
251.0	.	.	.
245.0	.	.	.
246.0	.	.	.
259.0	.	.	.
238.0	.	.	.
240.0	.	.	.
230.0	.	.	.
250.0	.	.	.
268.0	.	.	.
252.0	.	.	.
247.0	.	.	.
243.0	.	.	.
257.0	.	.	.
285.0	.	.	.
219.0	.	.	.

257.0	.	.	.
227.0	.	.	.
244.0	.	.	.
217.0	.	.	.
254.0	.	.	.
220.0	.	.	.
228.0	.	.	.
222.0	.	.	.
234.0	.	.	.
255.0	.	.	.
212.0	.	.	.
250.0	.	.	.
215.0	.	.	.
222.0	.	.	.
220.0	.	.	.
199.0	.	.	.
215.0	.	.	.
231.0	.	.	.
197.0	.	.	.
209.0	.	.	.
238.0	.	.	.
224.0	.	.	.
224.0	.	.	.
220.0	.	.	.
208.0	.	.	.
228.0	.	.	.
223.0	.	.	.
217.0	.	.	.
232.0	.	.	.
249.0	.	.	.
217.0	.	.	.
236.0	.	.	.
230.0	.	.	.
214.0	.	.	.
203.0	.	.	.
217.0	.	.	.
221.0	.	.	.
219.0	.	.	.
243.0	.	.	.
198.0	.	.	.
214.0	.	.	.
215.0	.	.	.
258.0	.	.	.
198.0	.	.	.
180.0	.	.	.
229.0	.	.	.
240.0	.	.	.
203.0	.	.	.
202.0	.	.	.
217.0	.	.	.
266.0	.	.	.
211.0	.	.	.
197.0	.	.	.
228.0	.	.	.

218.0	.	.	.
203.0	.	.	.
216.0	.	.	.
204.0	.	.	.
226.0	.	.	.
227.0	.	.	.
262.0	.	.	.
204.0	.	.	.
244.0	.	.	.
228.0	.	.	.
239.0	.	.	.
213.0	.	.	.
204.0	.	.	.
234.0	.	.	.
232.0	.	.	.
261.0	.	.	.
262.0	.	.	.
241.0	.	.	.
232.0	.	.	.
268.0	.	.	.
231.0	.	.	.
247.0	.	.	.
238.0	.	.	.
235.0	.	.	.
242.0	.	.	.
229.0	.	.	.
228.0	.	.	.
245.0	.	.	.
233.0	.	.	.
242.0	.	.	.
238.0	.	.	.
198.0	.	.	.
232.0	.	.	.
215.0	.	.	.
246.0	.	.	.
235.0	.	.	.
224.0	.	.	.
244.0	.	.	.
216.0	.	.	.
249.0	.	.	.
240.0	.	.	.
244.0	.	.	.
263.0	.	.	.
265.0	.	.	.
217.0	.	.	.
239.0	.	.	.
246.0	.	.	.
262.0	.	.	.
236.0	.	.	.
229.0	.	.	.
242.0	.	.	.
259.0	.	.	.
252.0	.	.	.
216.0	.	.	.

232.0	.	.	.
209.0	.	.	.
263.0	.	.	.
263.0	.	.	.
249.0	.	.	.
229.0	.	.	.
228.0	.	.	.
237.0	.	.	.
243.0	.	.	.
221.0	.	.	.
240.0	.	.	.
267.0	.	.	.
229.0	.	.	.
226.0	.	.	.
239.0	.	.	.
244.0	.	.	.
229.0	.	.	.
261.0	.	.	.
221.0	.	.	.
251.0	.	.	.
252.0	.	.	.
243.0	.	.	.
275.0	.	.	.
248.0	.	.	.
280.0	.	.	.
248.0	.	.	.
272.0	.	.	.
264.0	.	.	.
248.0	.	.	.
264.0	.	.	.
293.0	.	.	.
295.0	.	.	.
267.0	.	.	.
259.0	.	.	.
287.0	.	.	.
286.0	.	.	.
292.0	.	.	.
250.0	.	.	.
262.0	.	.	.
271.0	.	.	.
292.0	.	.	.
260.0	.	.	.
292.0	.	.	.
287.0	.	.	.
293.0	.	.	.
297.0	.	.	.
291.0	.	.	.
263.0	.	.	.
305.0	.	.	.
291.0	.	.	.
303.0	.	.	.
289.0	.	.	.
325.0	.	.	.
300.0	.	.	.

284.0	.	.	.
324.0	.	.	.
355.0	.	.	.
331.0	.	.	.
314.0	.	.	.
323.0	.	.	.
322.0	.	.	.
282.0	.	.	.
313.0	.	.	.
342.0	.	.	.
361.0	.	.	.
308.0	.	.	.
328.0	.	.	.
314.0	.	.	.
342.0	.	.	.
343.0	.	.	.
304.0	.	.	.
318.0	.	.	.
338.0	.	.	.
331.0	.	.	.
290.0	.	.	.
299.0	.	.	.
348.0	.	.	.
309.0	.	.	.
315.0	.	.	.
277.0	.	.	.
311.0	.	.	.
305.0	.	.	.
309.0	.	.	.
283.0	.	.	.
290.0	.	.	.
319.0	.	.	.
294.0	.	.	.
289.0	.	.	.
261.0	.	.	.
268.0	.	.	.
272.0	.	.	.
279.0	.	.	.
266.0	.	.	.
267.0	.	.	.
286.0	.	.	.
262.0	.	.	.
254.0	.	.	.
264.0	.	.	.
282.0	.	.	.
263.0	.	.	.
244.0	.	.	.
233.0	.	.	.
253.0	.	.	.
254.0	.	.	.
224.0	.	.	.
249.0	.	.	.
258.0	.	.	.
231.0	.	.	.



236.0	.	.	.
266.0	.	.	.
268.0	.	.	.
269.0	.	.	.
239.0	.	.	.
230.0	.	.	.
243.0	.	.	.
259.0	.	.	.
265.0	.	.	.
240.0	.	.	.
238.0	.	.	.
263.0	.	.	.
259.0	.	.	.
207.0	.	.	.
232.0	.	.	.
239.0	.	.	.
218.0	.	.	.
226.0	.	.	.
218.0	.	.	.
248.0	.	.	.
227.0	.	.	.
225.0	.	.	.
218.0	.	.	.
269.0	.	.	.
253.0	.	.	.
216.0	.	.	.
265.0	.	.	.
226.0	.	.	.
228.0	.	.	.
231.0	.	.	.
224.0	.	.	.
240.0	.	.	.
217.0	.	.	.
206.0	.	.	.
253.0	.	.	.
227.0	.	.	.
232.0	.	.	.
224.0	.	.	.
204.0	.	.	.
237.0	.	.	.
233.0	.	.	.
258.0	.	.	.
226.0	.	.	.
221.0	.	.	.
238.0	.	.	.
250.0	.	.	.
237.0	.	.	.
213.0	.	.	.
232.0	.	.	.
250.0	.	.	.
253.0	.	.	.
206.0	.	.	.
209.0	.	.	.
221.0	.	.	.

215.0	.	.	.
240.0	.	.	.
214.0	.	.	.
236.0	.	.	.
238.0	.	.	.
244.0	.	.	.
227.0	.	.	.
225.0	.	.	.
230.0	.	.	.
204.0	.	.	.
226.0	.	.	.
239.0	.	.	.
258.0	.	.	.
268.0	.	.	.
189.0	.	.	.
246.0	.	.	.
227.0	.	.	.
222.0	.	.	.
227.0	.	.	.
229.0	.	.	.
261.0	.	.	.
223.0	.	.	.
247.0	.	.	.
224.0	.	.	.
268.0	.	.	.
268.0	.	.	.
235.0	.	.	.
258.0	.	.	.
255.0	.	.	.
271.0	.	.	.
267.0	.	.	.
249.0	.	.	.
272.0	.	.	.
250.0	.	.	.
270.0	.	.	.
295.0	.	.	.
269.0	.	.	.
246.0	.	.	.
292.0	.	.	.
262.0	.	.	.
298.0	.	.	.
246.0	.	.	.
253.0	.	.	.
253.0	.	.	.
254.0	.	.	.
267.0	.	.	.
257.0	.	.	.
256.0	.	.	.
282.0	.	.	.
242.0	.	.	.
271.0	.	.	.
280.0	.	.	.
256.0	.	.	.
295.0	.	.	.

281.0	.	.	.
252.0	.	.	.
260.0	.	.	.
249.0	.	.	.
267.0	.	.	.
245.0	.	.	.
289.0	.	.	.
274.0	.	.	.
263.0	.	.	.
250.0	.	.	.
283.0	.	.	.
276.0	.	.	.
285.0	.	.	.
288.0	.	.	.
301.0	.	.	.
262.0	.	.	.
267.0	.	.	.
273.0	.	.	.
264.0	.	.	.
286.0	.	.	.
283.0	.	.	.
289.0	.	.	.
279.0	.	.	.
280.0	.	.	.
281.0	.	.	.
291.0	.	.	.
291.0	.	.	.
269.0	.	.	.
280.0	.	.	.
295.0	.	.	.
282.0	.	.	.
242.0	.	.	.
251.0	.	.	.
297.0	.	.	.
336.0	.	.	.
278.0	.	.	.
293.0	.	.	.
274.0	.	.	.
299.0	.	.	.
282.0	.	.	.
292.0	.	.	.
283.0	.	.	.
306.0	.	.	.
283.0	.	.	.
287.0	.	.	.
282.0	.	.	.
294.0	.	.	.
291.0	.	.	.
278.0	.	.	.
274.0	.	.	.
310.0	.	.	.
289.0	.	.	.
276.0	.	.	.
290.0	.	.	.

305.0	.	.	.
273.0	.	.	.
271.0	.	.	.
290.0	.	.	.
322.0	.	.	.
293.0	.	.	.
270.0	.	.	.
280.0	.	.	.
295.0	.	.	.
277.0	.	.	.
288.0	.	.	.
245.0	.	.	.
298.0	.	.	.
270.0	.	.	.
282.0	.	.	.
306.0	.	.	.
251.0	.	.	.
289.0	.	.	.
245.0	.	.	.
275.0	.	.	.
244.0	.	.	.
261.0	.	.	.
258.0	.	.	.
277.0	.	.	.
266.0	.	.	.
266.0	.	.	.
251.0	.	.	.
267.0	.	.	.
284.0	.	.	.
266.0	.	.	.
262.0	.	.	.
255.0	.	.	.
278.0	.	.	.
203.0	.	.	.
275.0	.	.	.
250.0	.	.	.
271.0	.	.	.
257.0	.	.	.
239.0	.	.	.
255.0	.	.	.
240.0	.	.	.
247.0	.	.	.
276.0	.	.	.
247.0	.	.	.
278.0	.	.	.
221.0	.	.	.
239.0	.	.	.
247.0	.	.	.
256.0	.	.	.
235.0	.	.	.
229.0	.	.	.
232.0	.	.	.
241.0	.	.	.
248.0	.	.	.

237.0 . . .  
206.0 . . .  
206.0 . . .  
244.0 . . .  
222.0 . . .  
208.0 . . .  
252.0 . . .  
237.0 . . .  
219.0 . . .  
217.0 . . .  
241.0 . . .  
245.0 . . .  
244.0 . . .  
223.0 . . .  
248.0 . . .  
211.0 . . .  
232.0 . . .  
202.0 . . .  
221.0 . . .  
234.0 . . .  
209.0 . . .  
247.0 . . .  
254.0 . . .  
243.0 . . .  
209.0 . . .  
207.0 . . .

\_pd\_meas\_number\_of\_points 24200  
\_pd\_proc\_number\_of\_points 24200

loop\_  
\_refln\_index\_h  
\_refln\_index\_k  
\_refln\_index\_l  
\_refln\_observed\_status  
\_refln\_F\_squared\_meas  
\_refln\_F\_squared\_calc  
\_refln\_phase\_calc  
\_refln\_d\_spacing  
\_gsas\_i100\_meas  
2 2 0 o 159205.70 159356.80 0.00 7.05438 100.00  
1 1 1 o 32943.895 36869.45 120.24 5.91812 10.66  
0 4 0 o 9549.730 9965.238 0.00 5.01630 1.52  
4 0 0 o 6794.378 7420.736 0.00 4.96057 1.06  
1 3 1 o 25276.939 27482.844 64.59 4.54442 6.77  
3 1 1 o 23438.654 25738.244 13.80 4.52350 6.26  
2 4 0 o 191.451 182.192 0.00 4.47661 0.05  
4 2 0 o 5230.297 3489.154 0.00 4.44671 1.31  
3 3 1 o 13755.052 13822.971 141.00 3.81410 3.09  
4 4 0 o 32094.982 24480.063 0.00 3.52719 5.10  
1 5 1 o 7600.391 6844.253 -51.37 3.36789 1.47  
5 1 1 o 15385.814 13492.288 -60.60 3.34246 2.95  
2 6 0 o 28923.674 31126.906 -180.00 3.16901 3.72  
6 2 0 o 45407.74 45243.76 -180.00 3.14081 5.75  
0 2 2 o 55371.14 55967.32 -5.86 3.10016 2.33

2	0	2	o	25121.688	24867.738	-37.57	3.09683	1.06
3	5	1	o	143732.64	146161.58	58.37	3.03614	24.31
5	3	1	o	128944.62	122090.21	20.76	3.02365	21.69
2	2	2	o	68599.00	65122.59	-112.74	2.95906	5.65
4	6	0	o	6281.927	1908.308	0.00	2.77292	0.62
6	4	0	o	8323.041	3454.354	-180.00	2.76103	0.82
2	4	2	o	11356.032	9608.396	-104.64	2.63512	0.88
4	2	2	o	23876.881	22970.576	46.15	2.62898	1.84
1	7	1	o	23372.018	26622.816	10.33	2.60137	3.18
5	5	1	o	17993.215	17004.965	117.23	2.58960	2.43
7	1	1	o	25371.240	26272.838	60.19	2.57798	3.41
0	8	0	o	27132.906	27287.555	180.00	2.50815	1.11
8	0	0	o	24837.846	19810.082	180.00	2.48029	0.99
3	7	1	o	11063.924	8441.280	-31.72	2.43908	1.37
2	8	0	o	127.281	101.549	-180.00	2.43165	0.01
7	3	1	o	17903.814	15223.343	-91.78	2.42296	2.19
8	2	0	o	19.734	12.139	0.00	2.40780	0.00
4	4	2	o	4031.438	3610.659	-106.59	2.39394	0.29
6	6	0	o	5.860	0.529	180.00	2.35146	0.00
0	6	2	o	14302.862	9209.144	-37.83	2.33426	0.51
6	0	2	o	9916.578	3926.042	54.36	2.32151	0.35
2	6	2	o	4205.440	2283.669	115.03	2.27221	0.29
6	2	2	o	7699.515	5094.790	31.27	2.26175	0.53
4	8	0	o	98.010	27.989	-180.00	2.23831	0.01
8	4	0	o	2568.108	1633.521	0.00	2.22335	0.17
5	7	1	o	30798.482	28462.490	47.64	2.18880	3.23
7	5	1	o	23725.113	21366.557	19.91	2.18178	2.47
1	1	3	o	3374.393	1404.276	-22.22	2.14780	0.13
4	6	2	o	3158.876	1307.839	-171.81	2.11210	0.21
6	4	2	o	3915.358	2203.216	160.13	2.10683	0.25
1	9	1	o	5433.076	3603.445	50.05	2.09770	0.53
9	1	1	o	3047.311	1512.305	173.78	2.07729	0.29
1	3	3	o	18750.711	11850.012	64.96	2.05566	0.72
3	1	3	o	17229.789	10745.474	151.37	2.05371	0.66
3	9	1	o	639.747	397.470	-71.93	2.00978	0.06
6	8	0	o	4272.579	2863.439	0.00	1.99841	0.23
9	3	1	o	900.659	739.830	159.13	1.99358	0.08
8	6	0	o	9789.600	8259.999	-180.00	1.99217	0.52
3	3	3	o	49277.52	36745.74	19.46	1.97271	1.87
2	10	0	o	5510.836	5386.895	180.00	1.96670	0.28
2	8	2	o	8594.339	8469.047	-24.11	1.94908	0.52
10	2	0	o	7707.589	8632.337	-180.00	1.94652	0.39
8	2	2	o	14480.342	13392.675	-4.37	1.93673	0.87
7	7	1	o	7290.444	5649.548	117.79	1.92561	0.63
6	6	2	o	2193.627	1552.454	157.38	1.90705	0.13
1	5	3	o	3147.698	1921.149	35.01	1.90214	0.12
5	1	3	o	2542.934	1133.228	26.24	1.89752	0.09
5	9	1	o	1564.215	971.570	-59.87	1.86271	0.13
4	10	0	o	560.926	364.712	180.00	1.86011	0.03
9	5	1	o	2727.232	2296.726	11.82	1.85263	0.22
4	8	2	o	12274.248	9871.997	108.25	1.84518	0.70
10	4	0	o	1100.197	886.513	0.00	1.84512	0.05
8	4	2	o	16720.748	13671.585	54.58	1.83678	0.95
3	5	3	o	11437.365	9292.874	36.32	1.83585	0.42

5	3	3	o	24797.629	19749.498	169.21	1.83308	0.91
8	8	0	o	149263.77	147230.44	0.00	1.76360	6.30
1	11	1	o	7850.916	9089.678	-111.25	1.74980	0.58
11	1	1	o	7996.683	7509.882	162.91	1.73204	0.58
1	7	3	o	3807.865	3940.446	87.97	1.72517	0.14
5	5	3	o	109869.16	97491.63	17.68	1.72172	3.91
7	1	3	o	54.322	50.796	-161.68	1.71830	0.00
6	10	0	o	50081.07	49676.92	0.00	1.71545	2.01
0	10	2	o	34039.492	34917.961	7.04	1.70874	0.90
10	6	0	o	51991.80	49846.52	0.00	1.70646	2.07
6	8	2	o	8869.669	8209.714	-104.79	1.70372	0.47
10	0	2	o	35080.49	31710.258	-58.87	1.69491	0.91
7	9	1	o	10026.033	8423.463	135.50	1.69232	0.70
8	6	2	o	17331.240	15881.334	43.11	1.69985	0.91
3	11	1	o	7227.721	6916.353	-91.25	1.69778	0.51
9	7	1	o	16630.402	14152.348	-71.92	1.68798	1.16
2	10	2	o	25069.318	21167.836	85.68	1.68395	1.30
11	3	1	o	4866.483	4154.418	-32.35	1.68261	0.34
3	7	3	o	7262.893	5924.409	38.52	1.67526	0.25
0	12	0	o	14440.447	12812.660	0.00	1.67210	0.28
10	2	2	o	25785.770	23092.834	54.80	1.67123	1.32
7	3	3	o	6494.321	5774.615	75.37	1.67001	0.23
12	0	0	o	15236.190	12173.120	0.00	1.65352	0.29
2	12	0	o	706.330	379.653	-180.00	1.64885	0.03
12	2	0	o	3695.722	2971.605	0.00	1.63151	0.14
0	0	4	o	106925.77	85583.70	132.33	1.62985	0.62
4	10	2	o	8516.020	7819.019	4.46	1.61558	0.42
5	11	1	o	7847.579	6798.628	-149.33	1.60631	0.51
10	4	2	o	9365.355	8224.772	-42.68	1.60573	0.46
11	5	1	o	12233.568	11488.566	-147.44	1.59526	0.78
2	2	4	o	4352.912	3370.401	-173.94	1.58802	0.10
5	7	3	o	15860.108	12232.025	-21.17	1.58719	0.54
7	5	3	o	13723.818	11239.409	-114.92	1.58451	0.47
4	12	0	o	1800.993	1475.088	0.00	1.58450	0.06
12	4	0	o	6292.128	8076.170	0.00	1.57041	0.22
8	10	0	o	14941.134	13746.632	0.00	1.55997	0.51
10	8	0	o	23845.273	21381.324	-180.00	1.55615	0.81
1	9	3	o	34.517	27.755	35.56	1.55141	0.00
8	8	2	o	16159.751	12842.312	80.96	1.55113	0.77
0	4	4	o	14788.717	11434.120	-57.03	1.55008	0.17
4	0	4	o	17423.861	12816.168	-6.92	1.54841	0.20
9	1	3	o	1929.499	1024.902	111.74	1.54309	0.06
2	4	4	o	1099.479	477.503	-163.33	1.53150	0.03
4	2	4	o	1762.674	857.590	-74.62	1.53029	0.04
9	9	1	o	3168.043	3116.891	110.90	1.52420	0.19
6	10	2	o	17332.186	17658.498	70.54	1.51807	0.80
3	9	3	o	9575.173	8344.205	-49.40	1.51481	0.32
10	6	2	o	22966.252	19133.502	79.19	1.51183	1.06
9	3	3	o	7692.064	5584.655	-94.83	1.50783	0.25
1	13	1	o	1507.764	1630.461	164.64	1.49767	0.09
7	11	1	o	3559.792	4387.464	-58.10	1.49317	0.21
6	12	0	o	638.010	764.192	0.00	1.49220	0.02
11	7	1	o	4180.833	4126.136	-70.04	1.48649	0.24
12	6	0	o	79.968	94.326	0.00	1.48224	0.00

13	1	1	o	333.434	395.352	65.94	1.48208	0.02
4	4	4	o	8531.173	9410.271	114.42	1.47953	0.19
7	7	3	o	28443.297	28173.379	21.14	1.47778	0.92
2	12	2	o	17269.406	16760.965	6.04	1.47133	0.77
3	13	1	o	16832.627	17868.975	-126.03	1.46467	0.94
12	2	2	o	15174.342	14271.178	-38.28	1.45897	0.67
13	3	1	o	21223.680	21696.313	-171.66	1.45076	1.17
2	6	4	o	24505.178	23241.176	-48.67	1.44939	0.55
5	9	3	o	7013.385	6393.113	-18.27	1.44876	0.23
6	2	4	o	27870.797	22915.668	-30.74	1.44666	0.63
9	5	3	o	4902.378	4070.537	79.72	1.44401	0.16
4	12	2	o	27559.650	27605.914	69.28	1.42506	1.19
2	14	0	o	11720.662	12938.354	0.00	1.41850	0.34
12	4	2	o	22317.396	21665.523	56.69	1.41478	0.96
10	10	0	o	19240.576	23118.053	0.00	1.41088	0.55
8	10	2	o	9779.490	9269.081	-67.75	1.40713	0.42
4	6	4	o	3776.563	3873.673	166.84	1.40511	0.08
5	13	1	o	26120.836	27012.416	-38.43	1.40472	1.38
10	8	2	o	15763.712	16277.526	26.88	1.40433	0.67
6	4	4	o	10405.781	10631.099	-57.65	1.40355	0.23
14	2	0	o	2905.183	2964.056	0.00	1.40337	0.08
1	11	3	o	2353.688	2060.805	-65.81	1.39370	0.07
13	5	1	o	17863.482	15647.032	-86.25	1.39365	0.93
8	12	0	o	2541.559	2559.532	0.00	1.38646	0.07
11	1	3	o	8576.515	8752.604	-31.16	1.38467	0.27
12	8	0	o	1585.418	2398.265	0.00	1.38052	0.04
4	14	0	o	4221.270	4819.816	-180.00	1.37691	0.12
9	11	1	o	16363.172	16838.090	71.65	1.37387	0.83
11	9	1	o	19317.266	19245.104	-2.84	1.37097	0.98
3	11	3	o	6583.073	5380.871	-118.26	1.36698	0.20
0	8	4	o	108052.88	88342.66	-32.95	1.36665	1.20
7	9	3	o	14661.132	12353.698	-44.44	1.36412	0.45
14	4	0	o	17418.832	14557.398	0.00	1.36391	0.47
8	0	4	o	101255.08	78894.98	-23.85	1.36209	1.13
9	7	3	o	8149.917	6356.111	-120.59	1.36185	0.25
11	3	3	o	14924.076	12582.894	125.72	1.35902	0.46
6	12	2	o	3270.802	2478.865	-37.69	1.35680	0.13
2	8	4	o	4335.135	3355.286	159.56	1.35386	0.10
8	2	4	o	9150.064	8182.509	-26.49	1.34970	0.20
12	6	2	o	8485.083	7612.072	18.59	1.34929	0.35
6	6	4	o	10573.512	6096.920	150.70	1.33954	0.23
7	13	1	o	18333.350	15226.033	77.19	1.32716	0.89
13	7	1	o	18727.320	16558.471	-5.14	1.31936	0.90
5	11	3	o	20997.211	18354.711	-71.13	1.31786	0.64
4	8	4	o	1464.080	1291.096	6.07	1.31756	0.03
6	14	0	o	10931.195	11093.996	180.00	1.31504	0.28
8	4	4	o	2744.305	2708.109	-17.41	1.31449	0.06
0	14	2	o	15016.264	13260.250	26.61	1.31201	0.30
11	5	3	o	21058.475	18543.660	-77.83	1.31174	0.64
1	15	1	o	5823.755	6856.667	-111.17	1.30753	0.28
14	6	0	o	5544.264	5925.166	-180.00	1.30495	0.14
2	14	2	o	541.490	516.732	114.47	1.30069	0.02
14	0	2	o	12398.720	11326.372	-103.78	1.29976	0.24
1	1	5	o	9262.342	7601.402	-99.93	1.29835	0.15



10	10	2	o	24178.098	22262.936	-115.89	1.29480	0.94
15	1	1	o	3560.136	3562.576	142.89	1.29370	0.17
14	2	2	o	1662.148	1723.773	-22.23	1.28899	0.06
3	15	1	o	10174.572	12380.184	-6.89	1.28540	0.47
10	12	0	o	9674.949	12162.306	0.00	1.27864	0.24
1	3	5	o	326.632	355.709	-172.31	1.27713	0.01
3	1	5	o	775.242	816.051	129.38	1.27667	0.01
12	10	0	o	8771.173	9042.639	-180.00	1.27606	0.22
8	12	2	o	11948.898	12313.759	-80.52	1.27585	0.46
15	3	1	o	13185.549	15308.413	-107.67	1.27271	0.60
9	9	3	o	4640.559	4933.617	-6.07	1.27137	0.14
12	8	2	o	9614.729	10152.550	-139.39	1.27121	0.37
4	14	2	o	13.743	15.514	-95.78	1.26839	0.00
6	8	4	o	5460.093	5606.557	161.23	1.26305	0.12
8	6	4	o	5435.771	5962.383	-61.53	1.26147	0.12
11	11	1	o	491.198	632.559	-64.81	1.25849	0.02
14	4	2	o	1178.528	1453.029	10.47	1.25821	0.04
3	3	5	o	27727.635	28741.359	-87.95	1.25648	0.44
1	13	3	o	2632.728	2786.373	-14.24	1.25585	0.08
2	10	4	o	45035.80	51404.19	-27.55	1.25493	0.98
0	16	0	o	18831.504	24470.926	0.00	1.25407	0.23
7	11	3	o	986.805	1393.312	110.33	1.25319	0.03
10	2	4	o	32241.135	41424.97	-41.31	1.24964	0.70
11	7	3	o	3236.551	4201.865	-105.12	1.24923	0.09
5	15	1	o	7107.559	10931.363	6.75	1.24430	0.32
2	16	0	o	13905.313	21556.268	-180.00	1.24417	0.33
13	1	3	o	6484.745	8400.061	52.36	1.24662	0.19
9	13	1	o	1800.917	3516.264	-112.03	1.24128	0.08
8	14	0	o	4200.376	8472.486	0.00	1.24094	0.10
16	0	0	o	4643.699	10385.307	0.00	1.24014	0.05
1	5	5	o	2405.583	3893.672	-20.84	1.23765	0.04
13	9	1	o	4932.603	6762.132	-7.40	1.23659	0.22
5	1	5	o	642.262	870.048	-133.02	1.23638	0.01
3	13	3	o	25445.760	34302.695	-80.51	1.23620	0.74
14	8	0	o	3325.213	4628.726	-180.00	1.23393	0.08
15	5	1	o	8527.488	11906.238	75.74	1.23363	0.38
16	2	0	o	21500.316	30731.535	0.00	1.23078	0.50
13	3	3	o	24567.408	26618.822	-64.93	1.22780	0.71
4	10	4	o	785.064	1005.087	132.88	1.22585	0.02
10	4	4	o	1910.368	2479.083	-12.49	1.22153	0.04
6	14	2	o	4368.578	4737.646	-72.99	1.21954	0.16
3	5	5	o	9509.550	9471.530	-145.97	1.21883	0.15
5	3	5	o	3821.549	3576.934	136.51	1.21802	0.06
4	16	0	o	800.949	657.630	180.00	1.21582	0.02
14	6	2	o	7264.121	6261.661	-123.23	1.21148	0.27
_reflns_number_total				222				
_reflns_limit_h_min				0				
_reflns_limit_h_max				25				
_reflns_limit_k_min				0				
_reflns_limit_k_max				25				
_reflns_limit_l_min				0				
_reflns_limit_l_max				8				
_reflns_d_resolution_high				1.211				
_reflns_d_resolution_low				7.054				

```
#--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--eof--#
```