

data_NH4-K-NAT_20_publ

_pd_block_id

2011-03-16T09:26|NH4-K-NAT_20|x|qw

_audit_creation_method "from EXP file using GSAS2CIF"

_audit_creation_date 2011-03-16T09:26

_audit_author_name x

_audit_update_record

; 2011-03-16T09:26 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    4.92
_refine_ls_shift/su_mean    0.69
_computing_structure_refinement    GSAS
_refine_ls_number_parameters    46
_refine_ls_goodness_of_fit_all    1.62
_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-K-NAT_20
_cell_length_a          19.55532(23)
_cell_length_b          19.94423(21)
_cell_length_c          6.49509(7)
_cell_angle_alpha       90.0

```

```

_cell_angle_beta          90.0
_cell_angle_gamma         90.0
_cell_volume              2533.19(5)
_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      0.0064(10)  1.0      Uiso  0.0043(5)   8
Si
Si2  0.17232(11) 0.19354(12) 0.6271(9)  1.0      Uiso  0.0043(5)  16
Al
Al   0.05699(12) 0.07473(11) 0.6198(9)  1.0      Uiso  0.0043(5)  16
O
O1   0.05046(18) 0.04669(20) 0.8715(9)  1.0      Uiso  0.0192(10) 16
O
O2   0.10487(17) 0.14717(16) 0.6026(11) 1.0      Uiso  0.0192(10) 16
O
O3   0.09649(19) 0.01754(16) 0.4597(10) 1.0      Uiso  0.0192(10) 16
O
O4   0.22571(16) 0.15626(19) 0.7780(10) 1.0      Uiso  0.0192(10) 16
O
O5   0.20344(19) 0.20093(18) 0.3967(9)  1.0      Uiso  0.0192(10) 16
K
K    0.15793(21) 0.09358(22) 0.1267(13) 0.683(8) Uiso  0.0644(23) 16

```

```

N
N    0.1284(16) 0.1353(20) 0.129(8) 0.317(8) Uiso 0.0644(23) 16
O
OW1A 0.2505(7) 0.0027(7) 0.5965(26) 0.630(11) Uiso 0.0618(23) 16
O
OW1B 0.2773(10) 0.0463(11) 0.482(4) 0.354(11) Uiso 0.0618(23) 16

```

```

# If you change Z, be sure to change all 3 of the following
_chemical_formula_sum      "Al2 K1.37 N0.63 O11.97 Si3"
_chemical_formula_weight   391.99
_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      1.6150(11) . 1_554 N
Si1  O1      1.6150(11) . 104_554 N
Si1  O3      3.514(5) . 1_555 N
Si1  O3      3.514(5) . 104_555 N
Si1  O4      3.657(5) . 102_543 N
Si1  O4      3.657(5) . 203_453 N
Si1  O5      1.6179(11) . 102_544 N
Si1  O5      1.6179(11) . 203_454 N
Si1  K       3.692(4) . 1_555 N
Si1  K       3.699(4) . 102_544 N
Si1  K       3.692(4) . 104_555 N
Si1  K       3.699(4) . 203_454 N
Si2  Al      3.0814(27) . 2_555 N
Si2  Al      3.0909(26) . 3_555 N
Si2  O2      1.6187(15) . 1_555 N
Si2  O3      1.6129(15) . 2_555 N
Si2  O3      3.534(5) . 3_555 N
Si2  O4      1.6135(15) . 1_555 N
Si2  O5      1.6220(15) . 1_555 N
Si2  O5      3.5458(35) . 204_555 N
Si2  K       3.823(6) . 1_555 N
Si2  K       3.819(6) . 1_556 N
Si2  K       3.750(5) . 2_555 N
Al   Si2     3.0814(27) . 102_544 N
Al   Si2     3.0909(26) . 203_454 N
Al   O1      1.7328(15) . 1_555 N
Al   O1      3.5990(34) . 104_555 N
Al   O2      1.7251(15) . 1_555 N
Al   O3      1.7260(15) . 1_555 N
Al   O3      3.671(5) . 104_555 N
Al   O4      3.472(5) . 102_544 N
Al   O4      1.7395(15) . 203_454 N
Al   O5      3.715(4) . 203_454 N

```

Al	K	3.781(6)	1_555	N
Al	K	3.857(6)	1_556	N
Al	K	3.733(5)	203_455	N
Al	OW1B	3.647(21)	203_454	N
O1	Si1	1.6150(11)	1_556	N
O1	Al	1.7328(15)	1_555	N
O1	Al	3.5990(34)	104_555	N
O1	O1	2.714(5)	104_555	N
O1	O2	2.863(4)	1_555	N
O1	O3	2.881(4)	1_555	N
O1	O3	3.968(5)	1_556	N
O1	O3	4.130(5)	104_555	N
O1	O4	4.110(4)	1_555	N
O1	O4	3.617(6)	102_544	N
O1	O4	2.828(4)	203_454	N
O1	O5	2.6169(31)	102_545	N
O1	O5	2.6071(32)	203_455	N
O1	K	2.835(6)	1_556	N
O1	K	4.132(5)	102_545	N
O1	K	3.544(7)	203_455	N
O1	N	2.87(4)	1_556	N
O1	OW1A	4.230(16)	2_555	N
O1	OW1A	4.271(14)	304_555	N
O1	OW1B	3.935(27)	203_455	N
O1	OW1B	3.911(20)	304_555	N
O2	Si2	1.6187(15)	1_555	N
O2	Al	1.7251(15)	1_555	N
O2	O1	2.863(4)	1_555	N
O2	O3	2.752(4)	1_555	N
O2	O3	2.6744(33)	2_555	N
O2	O4	2.629(4)	1_555	N
O2	O4	2.7839(34)	203_454	N
O2	O5	2.579(4)	1_555	N
O2	K	3.431(8)	1_555	N
O2	K	3.716(8)	1_556	N
O2	K	4.191(6)	2_555	N
O2	K	4.247(6)	203_455	N
O2	N	3.12(5)	1_555	N
O2	OW1A	4.053(13)	1_555	N
O2	OW1A	3.344(16)	2_555	N
O2	OW1A	3.305(16)	203_454	N
O2	OW1B	4.005(19)	1_555	N
O2	OW1B	4.030(22)	2_555	N
O2	OW1B	3.061(23)	203_454	N
O3	Si1	3.514(5)	1_555	N
O3	Si2	1.6129(15)	102_544	N
O3	Si2	3.534(5)	203_454	N
O3	Al	1.7260(15)	1_555	N
O3	Al	3.671(5)	104_555	N
O3	O1	3.968(5)	1_554	N
O3	O1	2.881(4)	1_555	N
O3	O1	4.130(5)	104_555	N
O3	O2	2.752(4)	1_555	N
O3	O2	2.6744(33)	102_544	N

O3	O3	3.838(7)	104_555	N
O3	O4	4.279(4)	1_555	N
O3	O4	2.667(4)	102_544	N
O3	O4	2.843(4)	203_454	N
O3	O5	4.233(4)	1_555	N
O3	O5	2.617(4)	102_544	N
O3	O5	3.515(5)	203_454	N
O3	K	2.902(6)	1_555	N
O3	K	4.745(6)	1_556	N
O3	K	4.402(6)	102_545	N
O3	N	3.24(5)	1_555	N
O3	OW1A	3.155(13)	1_555	N
O3	OW1A	3.831(14)	304_554	N
O3	OW1B	3.586(20)	1_555	N
O3	OW1B	4.219(21)	203_454	N
O3	OW1B	4.165(24)	304_554	N
O4	Si1	3.657(5)	2_556	N
O4	Si2	1.6135(15)	1_555	N
O4	Al	3.472(5)	2_555	N
O4	Al	1.7395(15)	3_555	N
O4	O1	4.110(4)	1_555	N
O4	O1	3.617(6)	2_555	N
O4	O1	2.828(4)	3_555	N
O4	O2	2.629(4)	1_555	N
O4	O2	2.7839(34)	3_555	N
O4	O3	4.279(4)	1_555	N
O4	O3	2.667(4)	2_555	N
O4	O3	2.843(4)	3_555	N
O4	O4	3.858(7)	204_555	N
O4	O5	2.668(4)	1_555	N
O4	O5	4.139(5)	1_556	N
O4	O5	4.021(5)	204_555	N
O4	K	4.606(7)	1_555	N
O4	K	2.907(6)	1_556	N
O4	K	4.415(6)	3_555	N
O4	N	3.00(5)	1_556	N
O4	OW1A	3.318(15)	1_555	N
O4	OW1A	3.813(14)	304_555	N
O4	OW1B	3.087(22)	1_555	N
O4	OW1B	4.252(21)	304_555	N
O5	Si1	1.6179(11)	2_555	N
O5	Si2	1.6220(15)	1_555	N
O5	Si2	3.5458(35)	204_555	N
O5	Al	3.715(4)	3_555	N
O5	O1	2.6169(31)	2_554	N
O5	O1	2.6071(32)	3_554	N
O5	O2	2.579(4)	1_555	N
O5	O3	4.233(4)	1_555	N
O5	O3	2.617(4)	2_555	N
O5	O3	3.515(5)	3_555	N
O5	O4	4.139(5)	1_554	N
O5	O4	2.668(4)	1_555	N
O5	O4	4.021(5)	204_555	N
O5	O5	2.674(5)	204_555	N

O5	K	2.907(6)	. 1_555 N
O5	K	3.585(6)	. 2_555 N
O5	K	4.098(6)	. 3_555 N
O5	N	2.63(4)	. 1_555 N
O5	OW1A	4.263(16)	. 1_555 N
O5	OW1A	4.087(14)	. 203_454 N
O5	OW1B	3.450(22)	. 1_555 N
O5	OW1B	3.607(19)	. 203_454 N
K	Si1	3.692(4)	. 1_555 N
K	Si1	3.699(4)	. 2_555 N
K	Si2	3.819(6)	. 1_554 N
K	Si2	3.823(6)	. 1_555 N
K	Si2	3.750(5)	. 102_544 N
K	Al	3.857(6)	. 1_554 N
K	Al	3.781(6)	. 1_555 N
K	Al	3.733(5)	. 3_554 N
K	O1	2.835(6)	. 1_554 N
K	O1	4.132(5)	. 2_554 N
K	O1	3.544(7)	. 3_554 N
K	O2	3.716(8)	. 1_554 N
K	O2	3.431(8)	. 1_555 N
K	O2	4.247(6)	. 3_554 N
K	O2	4.191(6)	. 102_544 N
K	O3	4.745(6)	. 1_554 N
K	O3	2.902(6)	. 1_555 N
K	O3	4.402(6)	. 2_554 N
K	O4	2.907(6)	. 1_554 N
K	O4	4.606(7)	. 1_555 N
K	O4	4.415(6)	. 203_454 N
K	O5	2.907(6)	. 1_555 N
K	O5	3.585(6)	. 102_544 N
K	O5	4.098(6)	. 203_454 N
K	N	1.01(4)	. 1_555 N
K	OW1A	4.293(17)	. 1_554 N
K	OW1A	3.985(17)	. 1_555 N
K	OW1A	4.573(18)	. 203_454 N
K	OW1A	2.632(12)	. 304_554 N
K	OW1B	3.415(24)	. 1_555 N
K	OW1B	3.436(24)	. 203_454 N
K	OW1B	3.205(23)	. 304_554 N
N	O1	2.87(4)	. 1_554 N
N	O2	3.12(5)	. 1_555 N
N	O3	3.24(5)	. 1_555 N
N	O4	3.00(5)	. 1_554 N
N	O5	2.63(4)	. 1_555 N
N	K	1.01(4)	. 1_555 N
N	OW1B	2.49(5)	. 203_454 N
OW1A	O1	4.230(16)	. 102_544 N
OW1A	O1	4.271(14)	. 304_554 N
OW1A	O2	4.053(13)	. 1_555 N
OW1A	O2	3.305(16)	. 3_555 N
OW1A	O2	3.344(16)	. 102_544 N
OW1A	O3	3.155(13)	. 1_555 N
OW1A	O3	3.831(14)	. 304_555 N

OW1A	O4	3.318(15)	.	1_555	N
OW1A	O4	3.813(14)	.	304_554	N
OW1A	O5	4.263(16)	.	1_555	N
OW1A	O5	4.087(14)	.	3_555	N
OW1A	K	3.985(17)	.	1_555	N
OW1A	K	4.293(17)	.	1_556	N
OW1A	K	4.573(18)	.	3_555	N
OW1A	K	2.632(12)	.	304_555	N
OW1A	OW1A	3.2493(10)	.	304_554	N
OW1A	OW1A	3.2493(10)	.	304_555	N
OW1A	OW1B	1.260(23)	.	1_555	N
OW1A	OW1B	4.146(32)	.	304_554	N
OW1A	OW1B	2.741(29)	.	304_555	N
OW1B	Al	3.647(21)	.	3_555	N
OW1B	O1	3.935(27)	.	3_554	N
OW1B	O1	3.911(20)	.	304_554	N
OW1B	O2	4.005(19)	.	1_555	N
OW1B	O2	3.061(23)	.	3_555	N
OW1B	O2	4.030(22)	.	102_544	N
OW1B	O3	3.586(20)	.	1_555	N
OW1B	O3	4.219(21)	.	3_555	N
OW1B	O3	4.165(24)	.	304_555	N
OW1B	O4	3.087(22)	.	1_555	N
OW1B	O4	4.252(21)	.	304_554	N
OW1B	O5	3.450(22)	.	1_555	N
OW1B	O5	3.607(19)	.	3_555	N
OW1B	K	3.415(24)	.	1_555	N
OW1B	K	3.436(24)	.	3_555	N
OW1B	K	3.205(23)	.	304_555	N
OW1B	N	2.49(5)	.	3_555	N
OW1B	OW1A	1.260(23)	.	1_555	N
OW1B	OW1A	2.741(29)	.	304_554	N
OW1B	OW1A	4.146(32)	.	304_555	N
OW1B	OW1B	3.886(25)	.	304_554	N
OW1B	OW1B	3.886(25)	.	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	114.30(32)	1_554	.	104_543	N
O1	Si1	O5	108.08(18)	1_554	.	102_544	N
O1	Si1	O5	107.50(18)	1_554	.	203_454	N
O1	Si1	K	46.55(14)	1_554	.	1_555	N
O1	Si1	K	93.74(20)	1_554	.	102_544	N
O1	Si1	K	156.54(21)	1_554	.	104_544	N
O1	Si1	K	71.80(18)	1_554	.	203_454	N
O1	Si1	O5	107.50(18)	104_543	.	102_544	N
O1	Si1	O5	108.08(18)	104_543	.	203_454	N

O1	Si1	K	156.54(21)	104_543 .	1_555 N
O1	Si1	K	71.80(18)	104_543 .	102_544 N
O1	Si1	K	46.55(14)	104_543 .	104_544 N
O1	Si1	K	93.74(20)	104_543 .	203_454 N
O5	Si1	O5	111.43(33)	102_544 .	203_454 N
O5	Si1	K	73.49(18)	102_544 .	1_555 N
O5	Si1	K	49.02(15)	102_544 .	102_544 N
O5	Si1	K	92.62(18)	102_544 .	104_544 N
O5	Si1	K	155.83(21)	102_544 .	203_454 N
O5	Si1	K	92.62(18)	203_454 .	1_555 N
O5	Si1	K	155.83(21)	203_454 .	102_544 N
O5	Si1	K	73.49(18)	203_454 .	104_544 N
O5	Si1	K	49.02(15)	203_454 .	203_454 N
K	Si1	K	93.864(31)	1_555 .	102_544 N
K	Si1	K	155.56(20)	1_555 .	104_544 N
K	Si1	K	91.662(30)	1_555 .	203_454 N
K	Si1	K	91.662(30)	102_544 .	104_544 N
K	Si1	K	153.68(20)	102_544 .	203_454 N
K	Si1	K	93.864(31)	104_544 .	203_454 N
O2	Si2	O3	111.70(21)	1_555 .	2_555 N
O2	Si2	O4	108.88(23)	1_555 .	1_555 N
O2	Si2	O5	105.49(24)	1_555 .	1_555 N
O3	Si2	O4	111.53(25)	2_555 .	1_555 N
O3	Si2	O5	108.02(23)	2_555 .	1_555 N
O4	Si2	O5	111.07(25)	1_555 .	1_555 N
O1	Al	O2	111.80(23)	1_555 .	1_555 N
O1	Al	O3	112.83(23)	1_555 .	1_555 N
O1	Al	O4	109.06(22)	1_555 .	203_454 N
O1	Al	K	150.44(17)	1_555 .	1_555 N
O1	Al	K	70.22(19)	1_555 .	203_455 N
O2	Al	O3	105.76(21)	1_555 .	1_555 N
O2	Al	O4	106.94(20)	1_555 .	203_454 N
O2	Al	K	65.08(21)	1_555 .	1_555 N
O2	Al	K	95.01(18)	1_555 .	203_455 N
O3	Al	O4	110.27(23)	1_555 .	203_454 N
O3	Al	K	47.29(16)	1_555 .	1_555 N
O3	Al	K	155.12(17)	1_555 .	203_455 N
O4	Al	K	99.50(19)	203_454 .	1_555 N
O4	Al	K	49.05(16)	203_454 .	203_455 N
K	Al	K	137.98(12)	1_555 .	203_455 N
Si1	O1	Al	137.98(25)	1_556 .	1_555 N
Si1	O1	K	109.03(17)	1_556 .	1_556 N
Al	O1	K	112.99(16)	1_555 .	1_556 N
Si2	O2	Al	156.11(30)	1_555 .	1_555 N
Si2	O3	Al	134.68(24)	102_544 .	1_555 N
Si2	O3	K	108.94(20)	102_544 .	1_555 N
Al	O3	K	106.79(20)	1_555 .	1_555 N
Si2	O4	Al	134.36(23)	1_555 .	3_555 N
Si2	O4	K	112.11(20)	1_555 .	1_556 N
Al	O4	K	104.08(19)	3_555 .	1_556 N
Si1	O5	Si2	141.79(28)	2_555 .	1_555 N
Si1	O5	K	106.14(18)	2_555 .	1_555 N
Si2	O5	K	112.01(18)	1_555 .	1_555 N
Si1	K	Si1	151.84(13)	1_555 .	2_555 N

Si1	K	Al	72.08(10)	1_555 .	1_555 N
Si1	K	Al	141.18(18)	1_555 .	3_554 N
Si1	K	O1	24.43(5)	1_555 .	1_554 N
Si1	K	O3	63.08(12)	1_555 .	1_555 N
Si1	K	O4	115.71(18)	1_555 .	1_554 N
Si1	K	O5	139.12(17)	1_555 .	1_555 N
Si1	K	N	86.6(17)	1_555 .	1_555 N
Si1	K	OW1A	100.6(4)	1_555 .	304_544 N
Si1	K	OW1B	80.1(4)	1_555 .	304_544 N
Si1	K	Al	98.34(14)	2_555 .	1_555 N
Si1	K	Al	49.73(7)	2_555 .	3_554 N
Si1	K	O1	140.54(18)	2_555 .	1_554 N
Si1	K	O3	118.20(18)	2_555 .	1_555 N
Si1	K	O4	65.97(12)	2_555 .	1_554 N
Si1	K	O5	24.84(5)	2_555 .	1_555 N
Si1	K	N	65.3(17)	2_555 .	1_555 N
Si1	K	OW1A	107.52(35)	2_555 .	304_544 N
Si1	K	OW1B	127.5(4)	2_555 .	304_544 N
Al	K	Al	146.07(16)	1_555 .	3_554 N
Al	K	O1	94.33(13)	1_555 .	1_554 N
Al	K	O3	25.92(6)	1_555 .	1_555 N
Al	K	O4	160.20(18)	1_555 .	1_554 N
Al	K	O5	73.86(13)	1_555 .	1_555 N
Al	K	N	76.8(29)	1_555 .	1_555 N
Al	K	OW1A	110.2(4)	1_555 .	304_544 N
Al	K	OW1B	111.6(4)	1_555 .	304_544 N
Al	K	O1	117.48(18)	3_554 .	1_554 N
Al	K	O3	152.19(18)	3_554 .	1_555 N
Al	K	O4	26.87(5)	3_554 .	1_554 N
Al	K	O5	73.10(10)	3_554 .	1_555 N
Al	K	N	95.3(20)	3_554 .	1_555 N
Al	K	OW1A	75.75(33)	3_554 .	304_544 N
Al	K	OW1B	86.6(4)	3_554 .	304_544 N
O1	K	O3	87.50(14)	1_554 .	1_555 N
O1	K	O4	91.39(17)	1_554 .	1_554 N
O1	K	O5	145.34(21)	1_554 .	1_555 N
O1	K	N	81.8(23)	1_554 .	1_555 N
O1	K	OW1A	102.7(4)	1_554 .	304_544 N
O1	K	OW1B	80.4(5)	1_554 .	304_544 N
O3	K	O4	173.86(21)	1_555 .	1_554 N
O3	K	O5	93.56(18)	1_555 .	1_555 N
O3	K	N	100.5(26)	1_555 .	1_555 N
O3	K	OW1A	87.5(4)	1_555 .	304_544 N
O3	K	OW1B	85.8(4)	1_555 .	304_544 N
O4	K	O5	90.79(15)	1_554 .	1_555 N
O4	K	N	85.3(27)	1_554 .	1_555 N
O4	K	OW1A	86.9(4)	1_554 .	304_544 N
O4	K	OW1B	88.0(4)	1_554 .	304_544 N
O5	K	N	63.9(24)	1_555 .	1_555 N
O5	K	OW1A	112.0(4)	1_555 .	304_544 N
O5	K	OW1B	134.2(5)	1_555 .	304_544 N
N	K	OW1A	171.1(20)	1_555 .	304_544 N
N	K	OW1B	160.8(29)	1_555 .	304_544 N
OW1A	K	OW1B	22.3(4)	304_544 .	304_544 N

K	OW1A	OW1B	105.4(13)	304_545	.	1_555	N
K	OW1B	OW1A	52.3(10)	304_545	.	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       95.747 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
K       10.928 0.000  0.000
8.21860 12.7949 7.43980 0.77480 1.05190 213.187 0.86590 41.6841 1.42280
International_Tables_Vol_C
N        5.072 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
_diffraction_radiation_probe      x-ray
_diffraction_radiation_polarisation_ratio      0.95
_diffraction_radiation_wavelength      1.5494
_diffraction_radiation_type      ?
_pd_proc_ls_profile_R_factor      0.1141
_pd_proc_ls_profile_wR_factor      0.1482
_pd_proc_ls_profile_wR_expected      0.0951
_refine_ls_R_Fsqd_factor      0.11230

_pd_proc_ls_background_function
; GSAS Background function number 1 with 10 terms.
Shifted Chebyshev function of 1st kind
  1:  63.7142   2: -33.2340   3:  28.4267   4: -15.0901
  5:  13.4777   6: -12.1401   7:   3.98028   8: -4.02607
  9:  -1.06895  10:  0.422150
;

_exptl_absorption_process_details
; GSAS Absorption/surface roughness correction: function number 0
No correction is applied.
;
_exptl_absorption_correction_T_min      1.00000
_exptl_absorption_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_preference_orient_corr
; March-Dollase
AXIS 1 Ratio=  1.26399 h= 0.000 k= 0.000 l= 1.000
Preferred orientation correction range: Min=  0.49536, Max=  1.42082
;

_pd_proc_ls_profile_function
;
CW Profile function number 2 with 18 terms
Profile coefficients for Simpson's rule integration of pseudovoigt function
C.J. Howard (1982). J. Appl. Cryst.,15,615-620.
P. Thompson, D.E. Cox & J.B. Hastings (1987). J. Appl. Cryst.,20,79-83.

```

```

#1(GU) = 0.000 #2(GV) = -27.794 #3(GW) = 4.546
#4(LX) = 1.157 #5(LY) = 17.103 #6(trns) = 0.000
#7(asym) = 0.0245 #8(shft) = 0.0000 #9(GP) = 0.000
#10(stec) = -11.78 #11(ptec) = 1.25 #12(sfec) = 0.00
#13(L11) = 0.000 #14(L22) = 0.000 #15(L33) = 0.000
#16(L12) = 0.000 #17(L13) = 0.000 #18(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 2011-03-16T09:26:52
_pd_calc_method "Rietveld Refinement"

```

```

#---- raw/calc data loop ----
_pd_meas_2theta_range_min 10.0
_pd_meas_2theta_range_max 130.995
_pd_meas_2theta_range_inc 0.005
_pd_proc_2theta_range_min 10.00646
_pd_proc_2theta_range_max 131.00146
_pd_proc_2theta_range_inc 0.005

```

```

loop_
  _pd_meas_intensity_total
  _pd_proc_ls_weight
  _pd_proc_intensity_bkg_calc
  _pd_calc_intensity_total
250(26) 0.0 245.9 .
325(30) 0.0 245.6 .
262(27) 0.0 245.4 .
336(30) 0.0 245.2 .
259(27) 0.0 245.0 .
297(29) 0.0 244.8 .
270(27) 0.0 244.6 .
294(28) 0.0 244.4 .
311(29) 0.0 244.1 .
296(29) 0.0 243.9 .
308(29) 0.0 243.7 .
294(28) 0.0 243.5 .
308(29) 0.0 243.3 .
312(29) 0.0 243.1 .
319(30) 0.0 242.9 .
330(30) 0.0 242.7 .
309(29) 0.0 242.4 .
315(29) 0.0 242.2 .
286(28) 0.0 242.0 .
302(29) 0.0 241.8 .
278(27) 0.0 241.6 .
279(28) 0.0 241.4 .
326(30) 0.0 241.2 .
369(32) 0.0 241.0 .
296(28) 0.0 240.8 .
291(28) 0.0 240.6 .
264(27) 0.0 240.3 .
310(29) 0.0 240.1 .

```


317(29)	0.0	239.9	.
325(30)	0.0	239.7	.
244(26)	0.0	239.5	.
305(29)	0.0	239.3	.
294(28)	0.0	239.1	.
259(26)	0.0	238.9	.
270(27)	0.0	238.7	.
241(25)	0.0	238.5	.
277(27)	0.0	238.3	.
283(28)	0.0	238.0	.
283(28)	0.0	237.8	.
280(27)	0.0	237.6	.
270(27)	0.0	237.4	.
305(29)	0.0	237.2	.
320(29)	0.0	237.0	.
294(28)	0.0	236.8	.
272(27)	0.0	236.6	.
254(26)	0.0	236.4	.
303(28)	0.0	236.2	.
271(27)	0.0	236.0	.
279(27)	0.0	235.8	.
269(27)	0.0	235.6	.
228(24)	0.0	235.4	.
304(28)	0.0	235.1	.
291(28)	0.0	234.9	.
248(26)	0.0	234.7	.
302(28)	0.0	234.5	.
225(24)	0.0	234.3	.
251(26)	0.0	234.1	.
278(27)	0.0	233.9	.
285(27)	0.0	233.7	.
232(25)	0.0	233.5	.
275(27)	0.0	233.3	.
259(26)	0.0	233.1	.
327(29)	0.0	232.9	.
290(27)	0.0	232.7	.
231(24)	0.0	232.5	.
220(24)	0.0	232.3	.
254(26)	0.0	232.1	.
257(26)	0.0	231.9	.
266(26)	0.0	231.7	.
284(27)	0.0	231.5	.
267(26)	0.0	231.3	.
248(25)	0.0	231.1	.
283(27)	0.0	230.9	.
246(25)	0.0	230.7	.
307(28)	0.0	230.5	.
283(27)	0.0	230.3	.
250(25)	0.0	230.1	.
233(24)	0.0	229.9	.
304(28)	0.0	229.7	.
260(26)	0.0	229.5	.
275(27)	0.0	229.2	.
276(27)	0.0	229.0	.

292(27)	0.0	228.8	.
264(26)	0.0	228.6	.
277(27)	0.0	228.4	.
289(27)	0.0	228.2	.
278(27)	0.0	228.0	.
274(26)	0.0	227.8	.
253(25)	0.0	227.6	.
269(26)	0.0	227.4	.
262(26)	0.0	227.2	.
265(26)	0.0	227.0	.
285(27)	0.0	226.8	.
248(25)	0.0	226.6	.
246(25)	0.0	226.5	.
251(25)	0.0	226.3	.
235(24)	0.0	226.1	.
241(25)	0.0	225.9	.
213(23)	0.0	225.7	.
269(26)	0.0	225.5	.
236(24)	0.0	225.3	.
231(24)	0.0	225.1	.
309(28)	0.0	224.9	.
238(24)	0.0	224.7	.
247(25)	0.0	224.5	.
234(24)	0.0	224.3	.
182(21)	0.0	224.1	.
276(26)	0.0	223.9	.
233(24)	0.0	223.7	.
250(25)	0.0	223.5	.
252(25)	0.0	223.3	.
239(24)	0.0	223.1	.
266(26)	0.0	222.9	.
230(24)	0.0	222.7	.
248(25)	0.0	222.5	.
268(26)	0.0	222.3	.
269(26)	0.0	222.1	.
253(25)	0.0	221.9	.
238(24)	0.0	221.7	.
236(24)	0.0	221.5	.
246(25)	0.0	221.3	.
291(27)	0.0	221.1	.
230(24)	0.0	220.9	.
259(25)	0.0	220.7	.
240(24)	0.0	220.6	.
235(24)	0.0	220.4	.
233(24)	0.0	220.2	.
178(21)	0.0	220.0	.
281(26)	0.0	219.8	.
257(25)	0.0	219.6	.
224(23)	0.0	219.4	.
235(24)	0.0	219.2	.
232(24)	0.0	219.0	.
246(25)	0.0	218.8	.
274(26)	0.0	218.6	.
179(21)	0.0	218.4	.

210(23)	0.0	218.2	.
197(22)	0.0	218.0	.
213(23)	0.0	217.9	.
263(25)	0.0	217.7	.
250(25)	0.0	217.5	.
227(23)	0.0	217.3	.
249(25)	0.0	217.1	.
236(24)	0.0	216.9	.
245(24)	0.0	216.7	.
258(25)	0.0	216.5	.
263(25)	0.0	216.3	.
267(25)	0.0	216.1	.
274(26)	0.0	215.9	.
228(23)	0.0	215.8	.
261(25)	0.0	215.6	.
261(25)	0.0	215.4	.
297(27)	0.0	215.2	.
227(23)	0.0	215.0	.
240(24)	0.0	214.8	.
247(24)	0.0	214.6	.
243(24)	0.0	214.4	.
219(23)	0.0	214.2	.
236(24)	0.0	214.0	.
201(22)	0.0	213.9	.
231(23)	0.0	213.7	.
212(22)	0.0	213.5	.
233(24)	0.0	213.3	.
241(24)	0.0	213.1	.
222(23)	0.0	212.9	.
223(23)	0.0	212.7	.
268(25)	0.0	212.5	.
277(26)	0.0	212.4	.
255(25)	0.0	212.2	.
225(23)	0.0	212.0	.
273(25)	0.0	211.8	.
244(24)	0.0	211.6	.
235(24)	0.0	211.4	.
274(25)	0.0	211.2	.
227(23)	0.0	211.0	.
241(24)	0.0	210.9	.
228(23)	0.0	210.7	.
222(23)	0.0	210.5	.
215(22)	0.0	210.3	.
234(23)	0.0	210.1	.
245(24)	0.0	209.9	.
228(23)	0.0	209.7	.
207(22)	0.0	209.6	.
220(23)	0.0	209.4	.
251(24)	0.0	209.2	.
240(24)	0.0	209.0	.
223(23)	0.0	208.8	.
226(23)	0.0	208.6	.
213(22)	0.0	208.5	.
243(24)	0.0	208.3	.

252(24)	0.0	208.1	.
200(22)	0.0	207.9	.
225(23)	0.0	207.7	.
226(23)	0.0	207.5	.
231(23)	0.0	207.3	.
236(23)	0.0	207.2	.
212(22)	0.0	207.0	.
274(25)	0.0	206.8	.
244(24)	0.0	206.6	.
201(22)	0.0	206.4	.
191(21)	0.0	206.3	.
229(23)	0.0	206.1	.
219(22)	0.0	205.9	.
213(22)	0.0	205.7	.
243(24)	0.0	205.5	.
193(21)	0.0	205.3	.
202(22)	0.0	205.2	.
217(22)	0.0	205.0	.
220(22)	0.0	204.8	.
231(23)	0.0	204.6	.
236(23)	0.0	204.4	.
218(22)	0.0	204.3	.
250(24)	0.0	204.1	.
207(22)	0.0	203.9	.
237(23)	0.0	203.7	.
239(23)	0.0	203.5	.
253(24)	0.0	203.4	.
223(23)	0.0	203.2	.
193(21)	0.0	203.0	.
268(25)	0.0	202.8	.
244(24)	0.0	202.6	.
239(23)	0.0	202.5	.
231(23)	0.0	202.3	.
201(21)	0.0	202.1	.
240(23)	0.0	201.9	.
240(23)	0.0	201.7	.
202(21)	0.0	201.6	.
238(23)	0.0	201.4	.
199(21)	0.0	201.2	.
237(23)	0.0	201.0	.
234(23)	0.0	200.8	.
205(22)	0.0	200.7	.
197(21)	0.0	200.5	.
174(20)	0.0	200.3	.
223(22)	0.0	200.1	.
173(20)	0.0	200.0	.
203(21)	0.0	199.8	.
222(22)	0.0	199.6	.
251(24)	0.0	199.4	.
236(23)	0.0	199.3	.
203(21)	0.0	199.1	.
192(21)	0.0	198.9	.
177(20)	0.0	198.7	.
165(19)	0.0	198.6	.

198(21)	0.0	198.4	.
206(21)	0.0	198.2	.
213(22)	0.0	198.0	.
227(23)	0.0	197.8	.
221(22)	0.0	197.7	.
237(23)	0.0	197.5	.
228(23)	0.0	197.3	.
235(23)	0.0	197.1	.
241(23)	0.0	197.0	.
180(20)	0.0	196.8	.
185(20)	0.0	196.6	.
221(22)	0.0	196.5	.
179(20)	0.0	196.3	.
221(22)	0.0	196.1	.
212(22)	0.0	195.9	.
197(21)	0.0	195.8	.
196(21)	0.0	195.6	.
192(21)	0.0	195.4	.
187(20)	0.0	195.2	.
207(21)	0.0	195.1	.
213(22)	0.0	194.9	.
229(22)	0.0	194.7	.
204(21)	0.0	194.5	.
186(20)	0.0	194.4	.
267(24)	0.0	194.2	.
205(21)	0.0	194.0	.
218(22)	0.0	193.9	.
205(21)	0.0	193.7	.
207(21)	0.0	193.5	.
214(22)	0.0	193.3	.
216(22)	0.0	193.2	.
218(22)	0.0	193.0	.
172(19)	0.0	192.8	.
173(19)	0.0	192.7	.
211(21)	0.0	192.5	.
215(22)	0.0	192.3	.
253(24)	0.0	192.1	.
201(21)	0.0	192.0	.
208(21)	0.0	191.8	.
181(20)	0.0	191.6	.
215(22)	0.0	191.5	.
176(20)	0.0	191.3	.
211(21)	0.0	191.1	.
208(21)	0.0	191.0	.
177(20)	0.0	190.8	.
234(23)	0.0	190.6	.
197(21)	0.0	190.5	.
164(19)	0.0	190.3	.
218(22)	0.0	190.1	.
206(21)	0.0	189.9	.
179(20)	0.0	189.8	.
196(21)	0.0	189.6	.
209(21)	0.0	189.4	.
251(23)	0.0	189.3	.

232(22)	0.0	189.1	.
211(21)	0.0	188.9	.
184(20)	0.0	188.8	.
212(21)	0.0	188.6	.
176(19)	0.0	188.4	.
189(20)	0.0	188.3	.
252(23)	0.0	188.1	.
177(20)	0.0	187.9	.
200(21)	0.0	187.8	.
194(20)	0.0	187.6	.
197(20)	0.0	187.4	.
203(21)	0.0	187.3	.
176(19)	0.0	187.1	.
247(23)	0.0	186.9	.
183(20)	0.0	186.8	.
236(22)	0.0	186.6	.
226(22)	0.0	186.4	.
226(22)	0.0	186.3	.
215(21)	0.0	186.1	.
202(21)	0.0	185.9	.
217(22)	0.0	185.8	.
212(21)	0.0	185.6	.
208(21)	0.0	185.5	.
198(21)	0.0	185.3	.
239(23)	0.0	185.1	.
214(21)	0.0	185.0	.
192(20)	0.0	184.8	.
172(19)	0.0	184.6	.
200(21)	0.0	184.5	.
185(20)	0.0	184.3	.
222(22)	0.0	184.1	.
196(20)	0.0	184.0	.
212(21)	0.0	183.8	.
181(20)	0.0	183.7	.
133(17)	0.0	183.5	.
204(21)	0.0	183.3	.
215(21)	0.0	183.2	.
198(20)	0.0	183.0	.
202(21)	0.0	182.8	.
220(22)	0.0	182.7	.
193(20)	0.0	182.5	.
172(19)	0.0	182.4	.
180(19)	0.0	182.2	.
181(19)	0.0	182.0	.
207(21)	0.0	181.9	.
241(23)	0.0	181.7	.
153(18)	0.0	181.5	.
202(21)	0.0	181.4	.
199(20)	0.0	181.2	.
148(18)	0.0	181.1	.
188(20)	0.0	180.9	.
211(21)	0.0	180.7	.
206(21)	0.0	180.6	.
219(21)	0.0	180.4	.

189(20)	0.0	180.3	.
194(20)	0.0	180.1	.
196(20)	0.0	179.9	.
189(20)	0.0	179.8	.
189(20)	0.0	179.6	.
197(20)	0.0	179.5	.
196(20)	0.0	179.3	.
208(21)	0.0	179.1	.
212(21)	0.0	179.0	.
216(21)	0.0	178.8	.
231(22)	0.0	178.7	.
193(20)	0.0	178.5	.
199(20)	0.0	178.4	.
168(19)	0.0	178.2	.
172(19)	0.0	178.0	.
173(19)	0.0	177.9	.
198(20)	0.0	177.7	.
199(20)	0.0	177.6	.
175(19)	0.0	177.4	.
206(21)	0.0	177.2	.
188(20)	0.0	177.1	.
195(20)	0.0	176.9	.
214(21)	0.0	176.8	.
241(22)	0.0	176.6	.
162(18)	0.0	176.5	.
211(21)	0.0	176.3	.
156(18)	0.0	176.2	.
201(20)	0.0	176.0	.
168(19)	0.0	175.8	.
206(21)	0.0	175.7	.
188(20)	0.0	175.5	.
164(18)	0.0	175.4	.
192(20)	0.0	175.2	.
169(19)	0.0	175.1	.
206(21)	0.0	174.9	.
169(19)	0.0	174.8	.
201(20)	0.0	174.6	.
209(21)	0.0	174.4	.
198(20)	0.0	174.3	.
176(19)	0.0	174.1	.
190(20)	0.0	174.0	.
179(19)	0.0	173.8	.
189(20)	0.0	173.7	.
185(19)	0.0	173.5	.
179(19)	0.0	173.4	.
202(20)	0.0	173.2	.
192(20)	0.0	173.1	.
171(19)	0.0	172.9	.
207(21)	0.0	172.8	.
176(19)	0.002770	172.6	172.6
235(22)	0.002066	172.4	172.4
162(18)	0.003086	172.3	172.3
162(18)	0.003086	172.1	172.1
197(20)	0.002500	172.0	172.0

194(20)	0.002500	171.8	189.4
179(19)	0.002770	171.7	189.5
186(19)	0.002770	171.5	189.6
159(18)	0.003086	171.4	189.8
194(20)	0.002500	171.2	189.9
182(19)	0.002770	171.1	190.0
169(18)	0.003086	170.9	190.1
181(19)	0.002770	170.8	190.3
179(19)	0.002770	170.6	190.4
191(20)	0.002500	170.5	190.5
187(19)	0.002770	170.3	190.7
194(20)	0.002500	170.2	190.9
206(20)	0.002500	170.0	191.0
180(19)	0.002770	169.9	191.2
173(19)	0.002770	169.7	191.4
202(20)	0.002500	169.6	191.6
167(18)	0.003086	169.4	191.8
196(20)	0.002500	169.3	192.0
186(19)	0.002770	169.1	192.2
205(20)	0.002500	169.0	192.5
184(19)	0.002770	168.8	192.7
175(19)	0.002770	168.7	193.0
207(20)	0.002500	168.5	193.2
187(19)	0.002770	168.4	193.5
197(20)	0.002500	168.2	193.8
200(20)	0.002500	168.1	194.1
190(20)	0.002500	167.9	194.4
167(18)	0.003086	167.8	194.7
167(18)	0.003086	167.6	195.0
188(19)	0.002770	167.5	195.4
221(21)	0.002268	167.3	195.7
218(21)	0.002268	167.2	196.1
190(19)	0.002770	167.0	196.5
180(19)	0.002770	166.9	196.9
190(19)	0.002770	166.7	197.3
221(21)	0.002268	166.6	197.7
219(21)	0.002268	166.4	198.2
171(18)	0.003086	166.3	198.6
175(19)	0.002770	166.1	199.1
197(20)	0.002500	166.0	199.6
217(21)	0.002268	165.9	200.1
200(20)	0.002500	165.7	200.7
194(20)	0.002500	165.6	201.2
215(21)	0.002268	165.4	201.8
217(21)	0.002268	165.3	202.4
171(18)	0.003086	165.1	203.0
199(20)	0.002500	165.0	203.7
216(21)	0.002268	164.8	204.4
225(21)	0.002268	164.7	205.1
183(19)	0.002770	164.5	205.8
180(19)	0.002770	164.4	206.6
205(20)	0.002500	164.3	207.4
189(19)	0.002770	164.1	208.2
225(21)	0.002268	164.0	209.1

194(20)	0.002500	163.8	210.0
215(21)	0.002268	163.7	210.9
188(19)	0.002770	163.5	211.9
229(21)	0.002268	163.4	212.9
270(23)	0.001890	163.2	213.9
203(20)	0.002500	163.1	215.0
211(20)	0.002500	162.9	216.2
177(19)	0.002770	162.8	217.4
184(19)	0.002770	162.7	218.6
189(19)	0.002770	162.5	219.9
216(21)	0.002268	162.4	221.2
180(19)	0.002770	162.2	222.7
224(21)	0.002268	162.1	224.1
235(21)	0.002268	161.9	225.7
216(21)	0.002268	161.8	227.3
221(21)	0.002268	161.7	229.0
207(20)	0.002500	161.5	230.7
237(22)	0.002066	161.4	232.5
242(22)	0.002066	161.2	234.5
243(22)	0.002066	161.1	236.5
247(22)	0.002066	160.9	238.6
247(22)	0.002066	160.8	240.8
232(21)	0.002268	160.7	243.2
240(22)	0.002066	160.5	245.6
224(21)	0.002268	160.4	248.2
238(22)	0.002066	160.2	250.9
222(21)	0.002268	160.1	253.7
218(21)	0.002268	160.0	256.7
244(22)	0.002066	159.8	259.8
233(21)	0.002268	159.7	263.1
254(22)	0.002066	159.5	266.6
224(21)	0.002268	159.4	270.3
247(22)	0.002066	159.3	274.2
252(22)	0.002066	159.1	278.4
279(23)	0.001890	159.0	282.7
278(23)	0.001890	158.8	287.3
300(24)	0.001736	158.7	292.3
268(23)	0.001890	158.5	297.5
252(22)	0.002066	158.4	303.0
257(22)	0.002066	158.3	308.9
321(25)	0.001600	158.1	315.2
283(23)	0.001890	158.0	321.9
271(23)	0.001890	157.9	329.0
307(24)	0.001736	157.7	336.6
301(24)	0.001736	157.6	344.8
280(23)	0.001890	157.4	353.6
338(26)	0.001479	157.3	363.0
307(24)	0.001736	157.2	373.1
337(25)	0.001600	157.0	384.1
311(24)	0.001736	156.9	395.9
370(27)	0.001372	156.7	408.6
336(25)	0.001600	156.6	422.4
388(27)	0.001372	156.5	437.4
350(26)	0.001479	156.3	453.7

399(28)	0.001276	156.2	471.5
393(27)	0.001372	156.1	491.0
423(29)	0.001189	155.9	512.3
476(30)	0.001111	155.8	535.7
490(31)	0.001041	155.6	561.5
524(32)	0.000977	155.5	590.1
519(32)	0.000977	155.4	621.7
602(34)	0.000865	155.2	657.0
590(34)	0.000865	155.1	696.4
730(37)	0.000730	155.	741.
700(37)	0.000730	155.	790.
817(39)	0.000657	155.	847.
946(42)	0.000567	155.	911.
1050(45)	0.000494	154.	984.
1288(50)	0.000400	154.	1068.
1300(50)	0.000400	154.	1166.
1456(53)	0.000356	154.	1280.
1812(59)	0.0002873	154.	1416.
1962(61)	0.0002687	154.	1580.
2362(67)	0.0002228	154.	1783.
2812(73)	0.0001877	153.	2041.
3391(80)	0.0001562	153.	2381.
3880(86)	0.0001352	153.	2841.
4815(96)	0.0001085	153.	3476.
5760(100)	0.0000925	153.	4356.
6900(110)	0.0000769	153.	5563.
8290(130)	0.0000640	153.	7180.
9860(140)	0.0000541	153.	9275.
12270(150)	0.0000427	152.	11870.
14220(160)	0.0000376	152.	14909.
17410(180)	0.0000305	152.	18202.
20450(200)	0.0000258	152.	21347.
23120(210)	0.0000229	152.	23701.
25360(220)	0.0000209	152.	24562.
25360(220)	0.0000209	152.	23621.
22970(210)	0.0000231	151.	21215.
18320(190)	0.0000289	151.	18050.
14440(170)	0.0000367	151.	14762.
10990(140)	0.0000482	151.	11740.
8600(130)	0.0000620	151.	9167.
6970(110)	0.0000769	151.	7095.
5350(100)	0.0001000	151.	5497.
4545(92)	0.0001181	151.	4306.
3767(84)	0.0001417	150.	3439.
3138(77)	0.0001687	150.	2814.
2586(70)	0.0002041	150.	2360.
2358(67)	0.0002228	150.	2025.
1947(60)	0.0002778	150.	1769.
1774(58)	0.0002973	150.	1568.
1523(53)	0.000356	150.	1405.
1299(49)	0.000416	149.	1270.
1270(49)	0.000416	149.	1156.
1076(45)	0.000494	149.	1059.
1018(44)	0.000517	149.	975.

1027(44)	0.000517	149.	902.
799(39)	0.000657	149.	838.
786(38)	0.000693	149.	782.
688(36)	0.000772	149.	732.
692(36)	0.000772	148.	688.
612(34)	0.000865	148.3	648.4
529(31)	0.001041	148.2	613.0
539(32)	0.000977	148.0	581.2
486(30)	0.001111	147.9	552.5
474(30)	0.001111	147.8	526.6
470(30)	0.001111	147.7	503.0
436(28)	0.001276	147.5	481.5
457(29)	0.001189	147.4	461.9
403(27)	0.001372	147.3	443.9
420(28)	0.001276	147.1	427.3
337(25)	0.001600	147.0	412.1
395(27)	0.001372	146.9	398.1
355(26)	0.001479	146.8	385.2
291(23)	0.001890	146.6	373.1
329(25)	0.001600	146.5	362.0
287(23)	0.001890	146.4	351.6
333(25)	0.001600	146.2	342.0
299(24)	0.001736	146.1	333.0
270(22)	0.002066	146.0	324.5
278(23)	0.001890	145.9	316.7
291(23)	0.001890	145.7	309.3
284(23)	0.001890	145.6	302.3
264(22)	0.002066	145.5	295.8
242(21)	0.002268	145.3	289.7
251(21)	0.002268	145.2	283.9
259(22)	0.002066	145.1	278.4
251(22)	0.002066	145.0	273.3
286(23)	0.001890	144.8	268.4
221(20)	0.002500	144.7	263.8
203(19)	0.002770	144.6	259.4
242(21)	0.002268	144.5	255.2
233(21)	0.002268	144.3	251.3
219(20)	0.002500	144.2	247.5
246(21)	0.002268	144.1	243.9
258(22)	0.002066	144.0	240.5
246(21)	0.002268	143.8	237.3
256(22)	0.002066	143.7	234.2
264(22)	0.002066	143.6	231.2
233(21)	0.002268	143.5	228.4
224(20)	0.002500	143.3	225.7
200(19)	0.002770	143.2	223.1
189(19)	0.002770	143.1	220.6
188(19)	0.002770	143.0	218.3
210(20)	0.002500	142.8	216.0
224(20)	0.002500	142.7	213.8
162(17)	0.003460	142.6	211.7
155(17)	0.003460	142.5	209.7
188(19)	0.002770	142.3	207.7
205(19)	0.002770	142.2	205.9

206(19)	0.002770	142.1	204.1
206(19)	0.002770	142.0	202.3
199(19)	0.002770	141.8	200.6
180(18)	0.003086	141.7	199.0
170(18)	0.003086	141.6	197.5
208(20)	0.002500	141.5	196.0
152(17)	0.003460	141.3	194.5
221(20)	0.002500	141.2	193.1
174(18)	0.003086	141.1	191.7
189(19)	0.002770	141.0	190.4
182(18)	0.003086	140.9	189.1
184(18)	0.003086	140.7	187.9
169(18)	0.003086	140.6	186.7
171(18)	0.003086	140.5	185.6
201(19)	0.002770	140.4	184.4
174(18)	0.003086	140.2	183.3
192(19)	0.002770	140.1	182.3
163(17)	0.003460	140.0	181.2
143(16)	0.00391	139.9	180.2
176(18)	0.003086	139.8	179.3
136(16)	0.00391	139.6	178.3
168(18)	0.003086	139.5	177.4
142(16)	0.00391	139.4	176.5
167(17)	0.003460	139.3	175.6
177(18)	0.003086	139.2	174.8
159(17)	0.003460	139.0	174.0
166(17)	0.003460	138.9	173.1
191(19)	0.002770	138.8	172.4
180(18)	0.003086	138.7	171.6
194(19)	0.002770	138.6	170.8
151(17)	0.003460	138.4	170.1
128(15)	0.00444	138.3	169.4
177(18)	0.003086	138.2	168.7
157(17)	0.003460	138.1	168.0
148(16)	0.00391	138.0	167.4
195(19)	0.002770	137.8	166.7
183(18)	0.003086	137.7	166.1
167(17)	0.003460	137.6	165.4
150(16)	0.00391	137.5	164.8
157(17)	0.003460	137.4	164.2
146(16)	0.00391	137.2	163.7
182(18)	0.003086	137.1	163.1
155(17)	0.003460	137.0	162.5
152(17)	0.003460	136.9	162.0
158(17)	0.003460	136.8	161.4
182(18)	0.003086	136.6	160.9
153(17)	0.003460	136.5	160.4
165(17)	0.003460	136.4	159.9
158(17)	0.003460	136.3	159.4
167(17)	0.003460	136.2	158.9
169(17)	0.003460	136.1	158.4
183(18)	0.003086	135.9	158.0
157(17)	0.003460	135.8	157.5
178(18)	0.003086	135.7	157.0

182(18)	0.003086	135.6	156.6
163(17)	0.003460	135.5	156.2
152(17)	0.003460	135.4	155.7
169(17)	0.003460	135.2	155.3
171(18)	0.003086	135.1	154.9
118(15)	0.00444	135.0	154.5
138(16)	0.00391	134.9	154.1
163(17)	0.003460	134.8	153.7
163(17)	0.003460	134.7	153.3
156(17)	0.003460	134.5	152.9
186(18)	0.003086	134.4	152.5
185(18)	0.003086	134.3	152.1
134(16)	0.00391	134.2	134.2
132(15)	0.00444	134.1	134.1
135(16)	0.00391	134.0	134.0
143(16)	0.00391	133.8	133.8
147(16)	0.00391	133.7	133.7
155(17)	0.003460	133.6	133.6
147(16)	0.00391	133.5	133.5
163(17)	0.003460	133.4	133.4
150(16)	0.00391	133.3	133.3
168(17)	0.003460	133.2	133.2
133(15)	0.00444	133.0	133.0
145(16)	0.00391	132.9	132.9
156(17)	0.003460	132.8	132.8
154(17)	0.003460	132.7	132.7
182(18)	0.003086	132.6	132.6
129(15)	0.00444	132.5	132.5
158(17)	0.003460	132.4	132.4
163(17)	0.003460	132.2	132.2
166(17)	0.003460	132.1	132.1
149(16)	0.00391	132.0	132.0
138(16)	0.00391	131.9	131.9
123(15)	0.00444	131.8	131.8
145(16)	0.00391	131.7	131.7
166(17)	0.003460	131.6	131.6
131(15)	0.00444	131.5	131.5
137(16)	0.00391	131.3	131.3
154(17)	0.003460	131.2	131.2
148(16)	0.00391	131.1	131.1
157(17)	0.003460	131.0	131.0
123(15)	0.00444	130.9	130.9
168(17)	0.003460	130.8	130.8
140(16)	0.00391	130.7	130.7
148(16)	0.00391	130.6	130.6
135(15)	0.00444	130.4	130.4
141(16)	0.00391	130.3	130.3
165(17)	0.003460	130.2	130.2
172(17)	0.003460	130.1	130.1
153(16)	0.00391	130.0	130.0
140(16)	0.00391	129.9	129.9
144(16)	0.00391	129.8	129.8
157(17)	0.003460	129.7	129.7
184(18)	0.003086	129.6	129.6

143(16)	0.00391	129.4	129.4
152(16)	0.00391	129.3	129.3
163(17)	0.003460	129.2	129.2
192(18)	0.003086	129.1	129.1
169(17)	0.003460	129.0	129.0
129(15)	0.00444	128.9	128.9
122(15)	0.00444	128.8	128.8
139(16)	0.00391	128.7	128.7
148(16)	0.00391	128.6	128.6
109(14)	0.00510	128.4	128.4
131(15)	0.00444	128.3	128.3
134(15)	0.00444	128.2	128.2
137(16)	0.00391	128.1	128.1
160(17)	0.003460	128.0	128.0
152(16)	0.00391	127.9	127.9
107(14)	0.00510	127.8	127.8
135(15)	0.00444	127.7	127.7
120(14)	0.00510	127.6	127.6
148(16)	0.00391	127.5	127.5
131(15)	0.00444	127.4	127.4
137(16)	0.00391	127.2	127.2
163(17)	0.003460	127.1	127.1
148(16)	0.00391	127.0	127.0
150(16)	0.00391	126.9	126.9
169(17)	0.003460	126.8	126.8
143(16)	0.00391	126.7	126.7
134(15)	0.00444	126.6	126.6
147(16)	0.00391	126.5	126.5
165(17)	0.003460	126.4	126.4
124(15)	0.00444	126.3	126.3
130(15)	0.00444	126.2	126.2
115(14)	0.00510	126.1	126.1
142(16)	0.00391	126.0	126.0
140(16)	0.00391	125.9	125.9
143(16)	0.00391	125.7	125.7
109(14)	0.00510	125.6	125.6
137(15)	0.00444	125.5	125.5
135(15)	0.00444	125.4	125.4
127(15)	0.00444	125.3	125.3
137(15)	0.00444	125.2	125.2
167(17)	0.003460	125.1	125.1
144(16)	0.00391	125.0	125.0
112(14)	0.00510	124.9	124.9
129(15)	0.00444	124.8	124.8
145(16)	0.00391	124.7	124.7
155(16)	0.00391	124.6	124.6
126(15)	0.00444	124.5	124.5
99(13)	0.00592	124.4	124.4
150(16)	0.00391	124.3	124.3
139(16)	0.00391	124.2	124.2
121(14)	0.00510	124.1	124.1
119(14)	0.00510	123.9	123.9
146(16)	0.00391	123.8	123.8
136(15)	0.00444	123.7	123.7

143(16)	0.00391	123.6	123.6
140(16)	0.00391	123.5	123.5
150(16)	0.00391	123.4	123.4
129(15)	0.00444	123.3	123.3
112(14)	0.00510	123.2	123.2
116(14)	0.00510	123.1	123.1
139(15)	0.00444	123.0	123.0
152(16)	0.00391	122.9	122.9
132(15)	0.00444	122.8	122.8
127(15)	0.00444	122.7	122.7
101(13)	0.00592	122.6	122.6
142(16)	0.00391	122.5	122.5
164(17)	0.003460	122.4	122.4
146(16)	0.00391	122.3	122.3
158(17)	0.003460	122.2	122.2
124(15)	0.00444	122.1	122.1
150(16)	0.00391	122.0	122.0
134(15)	0.00444	121.9	121.9
132(15)	0.00444	121.8	121.8
115(14)	0.00510	121.7	121.7
127(15)	0.00444	121.6	121.6
149(16)	0.00391	121.5	121.5
142(16)	0.00391	121.4	121.4
139(15)	0.00444	121.3	121.3
130(15)	0.00444	121.2	121.2
169(17)	0.003460	121.1	121.1
136(15)	0.00444	121.0	121.0
120(14)	0.00510	120.9	120.9
131(15)	0.00444	120.8	120.8
111(14)	0.00510	120.7	120.7
113(14)	0.00510	120.5	120.5
136(15)	0.00444	120.4	120.4
109(14)	0.00510	120.3	120.3
112(14)	0.00510	120.2	120.2
142(16)	0.00391	120.1	120.1
135(15)	0.00444	120.0	120.0
132(15)	0.00444	119.9	119.9
137(15)	0.00444	119.8	119.8
122(15)	0.00444	119.7	119.7
115(14)	0.00510	119.6	119.6
111(14)	0.00510	119.5	119.5
142(16)	0.00391	119.4	119.4
151(16)	0.00391	119.3	119.3
137(15)	0.00444	119.2	119.2
119(14)	0.00510	119.1	119.1
107(14)	0.00510	119.0	119.0
121(14)	0.00510	118.9	118.9
105(13)	0.00592	118.8	118.8
140(15)	0.00444	118.7	118.7
130(15)	0.00444	118.6	118.6
142(16)	0.00391	118.5	118.5
124(14)	0.00510	118.5	118.5
101(13)	0.00592	118.4	118.4
140(15)	0.00444	118.3	118.3

112(14)	0.00510	118.2	118.2
132(15)	0.00444	118.1	118.1
113(14)	0.00510	118.0	118.0
137(15)	0.00444	117.9	117.9
122(14)	0.00510	117.8	117.8
120(14)	0.00510	117.7	117.7
118(14)	0.00510	117.6	117.6
113(14)	0.00510	117.5	117.5
123(14)	0.00510	117.4	117.4
145(16)	0.00391	117.3	117.3
127(15)	0.00444	117.2	117.2
121(14)	0.00510	117.1	117.1
128(15)	0.00444	117.0	117.0
116(14)	0.00510	116.9	116.9
107(13)	0.00592	116.8	116.8
82(12)	0.00694	116.7	116.7
110(14)	0.00510	116.6	116.6
147(16)	0.00391	116.5	116.5
124(14)	0.00510	116.4	116.4
126(15)	0.00444	116.3	116.3
126(15)	0.00444	116.2	116.2
93(13)	0.00592	116.1	116.1
118(14)	0.00510	116.0	116.0
130(15)	0.00444	115.9	115.9
129(15)	0.00444	115.8	115.8
104(13)	0.00592	115.7	115.7
134(15)	0.00444	115.6	115.6
125(15)	0.00444	115.5	115.5
105(13)	0.00592	115.4	115.4
105(13)	0.00592	115.3	115.3
114(14)	0.00510	115.2	115.2
116(14)	0.00510	115.2	115.2
117(14)	0.00510	115.1	115.1
132(15)	0.00444	115.0	115.0
116(14)	0.00510	114.9	114.9
129(15)	0.00444	114.8	114.8
140(15)	0.00444	114.7	114.7
139(15)	0.00444	114.6	114.6
120(14)	0.00510	114.5	114.5
98(13)	0.00592	114.4	114.4
109(14)	0.00510	114.3	114.3
169(17)	0.003460	114.2	114.2
124(14)	0.00510	114.1	114.1
157(16)	0.00391	114.0	115.1
150(16)	0.00391	113.9	115.0
131(15)	0.00444	113.8	114.9
138(15)	0.00444	113.7	114.8
150(16)	0.00391	113.6	114.8
107(13)	0.00592	113.6	114.7
150(16)	0.00391	113.5	114.6
118(14)	0.00510	113.4	114.5
115(14)	0.00510	113.3	114.5
109(14)	0.00510	113.2	114.4
128(15)	0.00444	113.1	114.3

128(15)	0.00444	113.0	114.2
115(14)	0.00510	112.9	114.2
108(13)	0.00592	112.8	114.1
120(14)	0.00510	112.7	114.0
123(14)	0.00510	112.6	114.0
109(14)	0.00510	112.5	113.9
134(15)	0.00444	112.4	113.8
138(15)	0.00444	112.3	113.7
131(15)	0.00444	112.3	113.7
113(14)	0.00510	112.2	113.6
105(13)	0.00592	112.1	113.5
124(14)	0.00510	112.0	113.5
143(15)	0.00444	111.9	113.4
119(14)	0.00510	111.8	113.3
128(15)	0.00444	111.7	113.3
116(14)	0.00510	111.6	113.2
115(14)	0.00510	111.5	113.1
126(15)	0.00444	111.4	113.1
120(14)	0.00510	111.3	113.0
116(14)	0.00510	111.3	113.0
144(15)	0.00444	111.2	112.9
132(15)	0.00444	111.1	112.8
114(14)	0.00510	111.0	112.8
121(14)	0.00510	110.9	112.7
115(14)	0.00510	110.8	112.7
113(14)	0.00510	110.7	112.6
106(13)	0.00592	110.6	112.6
126(14)	0.00510	110.5	112.5
82(12)	0.00694	110.4	112.5
144(15)	0.00444	110.4	112.4
121(14)	0.00510	110.3	112.4
107(13)	0.00592	110.2	112.3
115(14)	0.00510	110.1	112.3
108(13)	0.00592	110.0	112.2
131(15)	0.00444	109.9	112.2
102(13)	0.00592	109.8	112.1
117(14)	0.00510	109.7	112.1
173(17)	0.003460	109.6	112.1
127(15)	0.00444	109.5	112.0
146(16)	0.00391	109.5	112.0
101(13)	0.00592	109.4	112.0
132(15)	0.00444	109.3	111.9
136(15)	0.00444	109.2	111.9
120(14)	0.00510	109.1	111.9
104(13)	0.00592	109.0	111.9
100(13)	0.00592	108.9	111.8
113(14)	0.00510	108.8	111.8
112(14)	0.00510	108.8	111.8
146(16)	0.00391	108.7	111.8
96(13)	0.00592	108.6	111.8
123(14)	0.00510	108.5	111.8
112(14)	0.00510	108.4	111.8
103(13)	0.00592	108.3	111.8
110(14)	0.00510	108.2	111.8

126(14)	0.00510	108.1	111.8
121(14)	0.00510	108.1	111.8
115(14)	0.00510	108.0	111.8
88(12)	0.00694	107.9	111.8
85(12)	0.00694	107.8	111.8
92(12)	0.00694	107.7	111.9
121(14)	0.00510	107.6	111.9
123(14)	0.00510	107.5	111.9
130(15)	0.00444	107.5	112.0
99(13)	0.00592	107.4	112.0
127(14)	0.00510	107.3	112.1
99(13)	0.00592	107.2	112.1
134(15)	0.00444	107.1	112.2
130(15)	0.00444	107.0	112.3
126(14)	0.00510	106.9	112.4
123(14)	0.00510	106.8	112.5
115(14)	0.00510	106.8	112.6
105(13)	0.00592	106.7	112.7
106(13)	0.00592	106.6	112.8
105(13)	0.00592	106.5	112.9
131(15)	0.00444	106.4	113.1
109(13)	0.00592	106.3	113.2
103(13)	0.00592	106.3	113.4
106(13)	0.00592	106.2	113.6
107(13)	0.00592	106.1	113.8
91(12)	0.00694	106.0	114.0
101(13)	0.00592	105.9	114.2
114(14)	0.00510	105.8	114.5
103(13)	0.00592	105.7	114.8
136(15)	0.00444	105.7	115.1
110(13)	0.00592	105.6	115.4
121(14)	0.00510	105.5	115.7
109(13)	0.00592	105.4	116.1
118(14)	0.00510	105.3	116.5
94(12)	0.00694	105.2	117.0
104(13)	0.00592	105.2	117.5
123(14)	0.00510	105.1	118.0
143(15)	0.00444	105.0	118.6
123(14)	0.00510	104.9	119.2
102(13)	0.00592	104.8	119.9
94(12)	0.00694	104.7	120.6
117(14)	0.00510	104.7	121.5
156(16)	0.00391	104.6	122.4
124(14)	0.00510	104.5	123.3
109(13)	0.00592	104.4	124.4
142(15)	0.00444	104.3	125.6
110(13)	0.00592	104.2	126.9
123(14)	0.00510	104.2	128.4
95(12)	0.00694	104.1	130.0
141(15)	0.00444	104.0	131.8
128(14)	0.00510	103.9	133.9
146(15)	0.00444	103.8	136.1
118(14)	0.00510	103.8	138.7
136(15)	0.00444	103.7	141.6

134(15)	0.00444	103.6	144.8
142(15)	0.00444	103.5	148.6
142(15)	0.00444	103.4	152.8
124(14)	0.00510	103.3	157.8
136(15)	0.00444	103.3	163.5
132(15)	0.00444	103.2	170.2
164(16)	0.00391	103.1	178.1
163(16)	0.00391	103.0	187.4
185(17)	0.003460	102.9	198.7
232(19)	0.002770	102.9	212.6
233(19)	0.002770	102.8	230.1
263(21)	0.002268	102.7	252.7
298(22)	0.002066	102.6	282.9
339(23)	0.001890	102.5	324.5
392(25)	0.001600	102.5	382.6
494(28)	0.001276	102.4	463.6
606(31)	0.001041	102.3	574.6
768(35)	0.000816	102.2	721.9
861(37)	0.000730	102.	909.
1019(41)	0.000595	102.	1130.
1184(44)	0.000517	102.	1367.
1465(49)	0.000416	102.	1573.
1603(51)	0.000384	102.	1681.
1561(50)	0.000400	102.	1644.
1466(49)	0.000416	102.	1479.
1190(44)	0.000517	102.	1250.
927(39)	0.000657	101.	1017.
810(36)	0.000772	101.	811.
575(31)	0.001041	101.3	643.4
419(26)	0.001479	101.3	514.5
379(25)	0.001600	101.2	419.1
300(22)	0.002066	101.1	350.1
281(21)	0.002268	101.0	300.7
242(20)	0.002500	100.9	265.1
229(19)	0.002770	100.9	238.8
209(18)	0.003086	100.8	218.9
222(19)	0.002770	100.7	203.2
160(16)	0.00391	100.6	190.5
158(16)	0.00391	100.6	180.1
149(15)	0.00444	100.5	171.3
133(15)	0.00444	100.4	163.9
158(16)	0.00391	100.3	157.6
149(15)	0.00444	100.2	152.1
127(14)	0.00510	100.2	147.4
130(15)	0.00444	100.1	143.2
115(14)	0.00510	100.0	139.5
117(14)	0.00510	99.9	136.3
128(14)	0.00510	99.9	133.4
88(12)	0.00694	99.8	130.9
129(14)	0.00510	99.7	128.6
129(14)	0.00510	99.6	126.5
132(15)	0.00444	99.5	124.6
96(12)	0.00694	99.5	122.9
129(14)	0.00510	99.4	121.4

105(13)	0.00592	99.3	120.0
99(13)	0.00592	99.2	118.7
91(12)	0.00694	99.2	117.5
121(14)	0.00510	99.1	116.4
93(12)	0.00694	99.0	115.4
97(12)	0.00694	98.9	114.4
126(14)	0.00510	98.9	113.5
118(14)	0.00510	98.8	112.7
122(14)	0.00510	98.7	112.0
98(13)	0.00592	98.6	111.3
113(13)	0.00592	98.6	110.6
123(14)	0.00510	98.5	110.0
110(13)	0.00592	98.4	109.4
87(12)	0.00694	98.3	108.8
112(13)	0.00592	98.3	108.3
102(13)	0.00592	98.2	107.8
120(14)	0.00510	98.1	107.3
129(14)	0.00510	98.0	106.9
119(14)	0.00510	98.0	106.5
108(13)	0.00592	97.9	106.1
118(14)	0.00510	97.8	105.7
109(13)	0.00592	97.7	105.3
102(13)	0.00592	97.7	104.9
69(10)	0.01000	97.6	104.6
85(12)	0.00694	97.5	104.3
118(14)	0.00510	97.4	104.0
110(13)	0.00592	97.4	103.7
104(13)	0.00592	97.3	103.4
95(12)	0.00694	97.2	103.1
100(13)	0.00592	97.1	102.9
92(12)	0.00694	97.1	102.6
119(14)	0.00510	97.0	102.4
108(13)	0.00592	96.9	102.1
114(14)	0.00510	96.8	101.9
125(14)	0.00510	96.8	101.7
117(14)	0.00510	96.7	101.4
105(13)	0.00592	96.6	101.2
123(14)	0.00510	96.6	101.0
126(14)	0.00510	96.5	100.8
112(13)	0.00592	96.4	100.6
95(12)	0.00694	96.3	100.4
111(13)	0.00592	96.3	100.3
120(14)	0.00510	96.2	100.1
112(13)	0.00592	96.1	99.9
100(13)	0.00592	96.0	99.7
118(14)	0.00510	96.0	99.6
114(13)	0.00592	95.9	99.4
101(13)	0.00592	95.8	99.2
104(13)	0.00592	95.8	99.1
107(13)	0.00592	95.7	98.9
131(14)	0.00510	95.6	98.8
79(11)	0.00826	95.5	98.6
111(13)	0.00592	95.5	98.5
114(13)	0.00592	95.4	98.3

104(13)	0.00592	95.3	98.2
115(13)	0.00592	95.3	98.1
110(13)	0.00592	95.2	97.9
110(13)	0.00592	95.1	97.8
115(13)	0.00592	95.0	97.7
118(14)	0.00510	95.0	97.5
97(12)	0.00694	94.9	97.4
88(12)	0.00694	94.8	97.3
106(13)	0.00592	94.8	97.2
113(13)	0.00592	94.7	97.0
104(13)	0.00592	94.6	96.9
82(11)	0.00826	94.5	96.8
97(12)	0.00694	94.5	96.7
100(13)	0.00592	94.4	96.6
103(13)	0.00592	94.3	96.5
94(12)	0.00694	94.3	96.3
91(12)	0.00694	94.2	96.2
78(11)	0.00826	94.1	96.1
97(12)	0.00694	94.1	96.0
96(12)	0.00694	94.0	95.9
110(13)	0.00592	93.9	95.8
100(13)	0.00592	93.8	95.7
115(13)	0.00592	93.8	95.6
104(13)	0.00592	93.7	95.5
115(13)	0.00592	93.6	95.4
108(13)	0.00592	93.6	95.3
115(13)	0.00592	93.5	95.2
88(12)	0.00694	93.4	95.1
122(14)	0.00510	93.4	95.0
132(14)	0.00510	93.3	94.9
94(12)	0.00694	93.2	94.8
120(14)	0.00510	93.1	94.7
100(13)	0.00592	93.1	94.6
115(13)	0.00592	93.0	94.5
124(14)	0.00510	92.9	94.4
87(12)	0.00694	92.9	94.3
116(14)	0.00510	92.8	94.2
101(13)	0.00592	92.7	94.1
108(13)	0.00592	92.7	94.1
95(12)	0.00694	92.6	94.0
131(14)	0.00510	92.5	93.9
102(13)	0.00592	92.5	93.8
97(12)	0.00694	92.4	93.7
103(13)	0.00592	92.3	93.6
99(13)	0.00592	92.3	93.5
122(14)	0.00510	92.2	93.4
105(13)	0.00592	92.1	93.3
118(14)	0.00510	92.1	93.3
100(13)	0.00592	92.0	93.2
92(12)	0.00694	91.9	93.1
98(12)	0.00694	91.9	93.0
110(13)	0.00592	91.8	92.9
97(12)	0.00694	91.7	92.8
101(13)	0.00592	91.7	92.8

108(13)	0.00592	91.6	92.7
97(12)	0.00694	91.5	91.5
95(12)	0.00694	91.5	91.5
93(12)	0.00694	91.4	91.4
99(12)	0.00694	91.3	91.3
111(13)	0.00592	91.3	91.3
104(13)	0.00592	91.2	91.2
78(11)	0.00826	91.1	91.1
101(13)	0.00592	91.1	91.1
94(12)	0.00694	91.0	91.0
99(13)	0.00592	90.9	90.9
91(12)	0.00694	90.9	90.9
99(12)	0.00694	90.8	90.8
126(14)	0.00510	90.7	90.7
122(14)	0.00510	90.7	90.7
82(11)	0.00826	90.6	90.6
107(13)	0.00592	90.5	90.5
103(13)	0.00592	90.5	90.5
121(14)	0.00510	90.4	90.4
101(13)	0.00592	90.3	90.3
95(12)	0.00694	90.3	90.3
96(12)	0.00694	90.2	90.2
90(12)	0.00694	90.1	90.1
101(13)	0.00592	90.1	90.1
85(12)	0.00694	90.0	90.0
110(13)	0.00592	90.0	90.0
108(13)	0.00592	89.9	89.9
88(12)	0.00694	89.8	89.8
130(14)	0.00510	89.8	89.8
104(13)	0.00592	89.7	89.7
90(12)	0.00694	89.6	89.6
95(12)	0.00694	89.6	89.6
79(11)	0.00826	89.5	89.5
91(12)	0.00694	89.4	89.4
118(14)	0.00510	89.4	89.4
141(15)	0.00444	89.3	89.3
85(12)	0.00694	89.2	89.2
90(12)	0.00694	89.2	89.2
93(12)	0.00694	89.1	89.1
97(12)	0.00694	89.1	89.1
92(12)	0.00694	89.0	89.0
113(13)	0.00592	88.9	88.9
99(12)	0.00694	88.9	88.9
76(11)	0.00826	88.8	88.8
96(12)	0.00694	88.7	88.7
78(11)	0.00826	88.7	88.7
97(12)	0.00694	88.6	88.6
112(13)	0.00592	88.5	88.5
99(12)	0.00694	88.5	88.5
105(13)	0.00592	88.4	88.4
99(12)	0.00694	88.4	88.4
103(13)	0.00592	88.3	88.3
116(13)	0.00592	88.2	88.2
98(12)	0.00694	88.2	88.2

77(11)	0.00826	88.1	88.1
115(13)	0.00592	88.1	88.1
118(14)	0.00510	88.0	88.0
97(12)	0.00694	87.9	87.9
95(12)	0.00694	87.9	87.9
111(13)	0.00592	87.8	87.8
100(12)	0.00694	87.7	87.7
86(12)	0.00694	87.7	87.7
79(11)	0.00826	87.6	87.6
99(12)	0.00694	87.6	87.6
126(14)	0.00510	87.5	87.5
92(12)	0.00694	87.4	87.4
121(14)	0.00510	87.4	87.4
93(12)	0.00694	87.3	87.3
113(13)	0.00592	87.3	87.3
89(12)	0.00694	87.2	87.2
97(12)	0.00694	87.1	87.1
109(13)	0.00592	87.1	87.1
86(11)	0.00826	87.0	87.0
94(12)	0.00694	86.9	86.9
96(12)	0.00694	86.9	86.9
81(11)	0.00826	86.8	86.8
82(11)	0.00826	86.8	86.8
80(11)	0.00826	86.7	86.7
95(12)	0.00694	86.6	86.6
95(12)	0.00694	86.6	86.6
92(12)	0.00694	86.5	86.5
98(12)	0.00694	86.5	86.5
115(13)	0.00592	86.4	86.4
99(12)	0.00694	86.3	86.3
106(13)	0.00592	86.3	86.3
93(12)	0.00694	86.2	86.2
70(10)	0.01000	86.2	86.2
70(10)	0.01000	86.1	86.1
90(12)	0.00694	86.0	86.0
105(13)	0.00592	86.0	86.0
115(13)	0.00592	85.9	85.9
89(12)	0.00694	85.9	85.9
107(13)	0.00592	85.8	85.8
78(11)	0.00826	85.8	85.8
80(11)	0.00826	85.7	85.7
108(13)	0.00592	85.6	85.6
99(12)	0.00694	85.6	85.6
84(11)	0.00826	85.5	85.5
99(12)	0.00694	85.5	85.5
107(13)	0.00592	85.4	85.4
84(11)	0.00826	85.3	85.3
85(11)	0.00826	85.3	85.3
83(11)	0.00826	85.2	85.2
85(11)	0.00826	85.2	85.2
111(13)	0.00592	85.1	85.1
118(13)	0.00592	85.0	85.0
82(11)	0.00826	85.0	85.0
107(13)	0.00592	84.9	84.9

105(13)	0.00592	84.9	84.9
85(11)	0.00826	84.8	84.8
114(13)	0.00592	84.8	84.8
108(13)	0.00592	84.7	84.7
102(12)	0.00694	84.6	84.6
99(12)	0.00694	84.6	84.6
86(11)	0.00826	84.5	84.5
88(12)	0.00694	84.5	84.5
90(12)	0.00694	84.4	84.4
90(12)	0.00694	84.4	84.4
113(13)	0.00592	84.3	84.3
88(12)	0.00694	84.2	84.2
87(12)	0.00694	84.2	84.2
93(12)	0.00694	84.1	84.1
103(12)	0.00694	84.1	84.1
103(13)	0.00592	84.0	84.0
88(12)	0.00694	84.0	84.0
113(13)	0.00592	83.9	83.9
90(12)	0.00694	83.8	83.8
104(13)	0.00592	83.8	83.8
81(11)	0.00826	83.7	83.7
111(13)	0.00592	83.7	83.7
112(13)	0.00592	83.6	83.6
77(11)	0.00826	83.6	83.6
98(12)	0.00694	83.5	83.5
100(12)	0.00694	83.5	83.5
114(13)	0.00592	83.4	83.4
102(12)	0.00694	83.3	83.3
76(11)	0.00826	83.3	83.3
104(13)	0.00592	83.2	83.2
75(11)	0.00826	83.2	83.2
86(11)	0.00826	83.1	83.1
91(12)	0.00694	83.1	83.1
104(13)	0.00592	83.0	83.0
89(12)	0.00694	83.0	83.0
91(12)	0.00694	82.9	82.9
98(12)	0.00694	82.8	82.8
91(12)	0.00694	82.8	82.8
118(13)	0.00592	82.7	82.7
95(12)	0.00694	82.7	82.7
107(13)	0.00592	82.6	82.6
93(12)	0.00694	82.6	82.6
89(12)	0.00694	82.5	82.5
108(13)	0.00592	82.5	82.5
90(12)	0.00694	82.4	82.4
123(14)	0.00510	82.4	82.4
104(13)	0.00592	82.3	82.3
104(13)	0.00592	82.2	82.2
89(12)	0.00694	82.2	82.2
111(13)	0.00592	82.1	82.1
84(11)	0.00826	82.1	82.1
83(11)	0.00826	82.0	82.0
99(12)	0.00694	82.0	82.0
100(12)	0.00694	81.9	81.9

95(12)	0.00694	81.9	81.9
84(11)	0.00826	81.8	81.8
82(11)	0.00826	81.8	81.8
84(11)	0.00826	81.7	81.7
102(12)	0.00694	81.7	81.7
90(12)	0.00694	81.6	81.6
105(13)	0.00592	81.5	81.5
91(12)	0.00694	81.5	81.5
91(12)	0.00694	81.4	81.4
87(11)	0.00826	81.4	81.4
88(11)	0.00826	81.3	81.3
105(13)	0.00592	81.3	81.3
105(13)	0.00592	81.2	81.2
104(13)	0.00592	81.2	81.2
60(10)	0.01000	81.1	81.1
90(12)	0.00694	81.1	81.1
90(12)	0.00694	81.0	81.0
98(12)	0.00694	81.0	81.0
113(13)	0.00592	80.9	80.9
101(12)	0.00694	80.9	80.9
78(11)	0.00826	80.8	80.8
92(12)	0.00694	80.8	80.8
99(12)	0.00694	80.7	80.7
84(11)	0.00826	80.7	80.7
104(13)	0.00592	80.6	80.6
88(12)	0.00694	80.6	80.6
87(11)	0.00826	80.5	80.5
98(12)	0.00694	80.5	80.5
87(11)	0.00826	80.4	80.4
109(13)	0.00592	80.3	80.3
105(13)	0.00592	80.3	80.3
91(12)	0.00694	80.2	80.2
109(13)	0.00592	80.2	80.2
100(12)	0.00694	80.1	80.1
80(11)	0.00826	80.1	80.1
103(13)	0.00592	80.0	80.0
72(10)	0.01000	80.0	80.0
96(12)	0.00694	79.9	79.9
69(10)	0.01000	79.9	79.9
73(10)	0.01000	79.8	79.8
87(11)	0.00826	79.8	79.8
108(13)	0.00592	79.7	79.7
87(11)	0.00826	79.7	79.7
96(12)	0.00694	79.6	79.6
64(10)	0.01000	79.6	79.6
90(12)	0.00694	79.5	79.5
103(12)	0.00694	79.5	79.5
79(11)	0.00826	79.4	79.4
97(12)	0.00694	79.4	79.4
67(10)	0.01000	79.3	79.3
83(11)	0.00826	79.3	79.3
91(12)	0.00694	79.2	79.2
103(12)	0.00694	79.2	79.2
96(12)	0.00694	79.1	79.1

105(13)	0.00592	79.1	79.1
82(11)	0.00826	79.0	79.0
85(11)	0.00826	79.0	79.0
93(12)	0.00694	78.9	78.9
73(10)	0.01000	78.9	78.9
86(11)	0.00826	78.8	78.8
89(12)	0.00694	78.8	78.8
90(12)	0.00694	78.7	78.7
77(11)	0.00826	78.7	78.7
88(12)	0.00694	78.6	78.6
86(11)	0.00826	78.6	78.6
82(11)	0.00826	78.5	78.5
75(11)	0.00826	78.5	78.5
113(13)	0.00592	78.4	78.4
95(12)	0.00694	78.4	78.4
84(11)	0.00826	78.3	78.3
77(11)	0.00826	78.3	78.3
83(11)	0.00826	78.3	78.3
79(11)	0.00826	78.2	78.2
91(12)	0.00694	78.2	78.2
89(12)	0.00694	78.1	78.1
116(13)	0.00592	78.1	78.1
98(12)	0.00694	78.0	78.0
89(12)	0.00694	78.0	78.0
104(13)	0.00592	77.9	77.9
100(12)	0.00694	77.9	77.9
102(12)	0.00694	77.8	77.8
79(11)	0.00826	77.8	77.8
85(11)	0.00826	77.7	77.7
100(12)	0.00694	77.7	77.7
99(12)	0.00694	77.6	77.6
88(11)	0.00826	77.6	77.6
97(12)	0.00694	77.5	77.5
90(12)	0.00694	77.5	77.5
91(12)	0.00694	77.4	77.4
101(12)	0.00694	77.4	77.4
84(11)	0.00826	77.3	77.3
79(11)	0.00826	77.3	77.3
104(12)	0.00694	77.3	77.3
95(12)	0.00694	77.2	77.2
118(13)	0.00592	77.2	77.2
86(11)	0.00826	77.1	77.1
92(12)	0.00694	77.1	77.1
80(11)	0.00826	77.0	77.0
91(12)	0.00694	77.0	77.0
102(12)	0.00694	76.9	76.9
83(11)	0.00826	76.9	76.9
80(11)	0.00826	76.8	76.8
106(13)	0.00592	76.8	76.8
93(12)	0.00694	76.7	76.7
86(11)	0.00826	76.7	76.7
98(12)	0.00694	76.6	76.6
89(12)	0.00694	76.6	76.6
94(12)	0.00694	76.6	76.6

95(12)	0.00694	76.5	76.5
80(11)	0.00826	76.5	76.5
95(12)	0.00694	76.4	76.4
75(11)	0.00826	76.4	76.4
87(11)	0.00826	76.3	76.3
78(11)	0.00826	76.3	76.3
84(11)	0.00826	76.2	76.2
96(12)	0.00694	76.2	76.2
83(11)	0.00826	76.1	76.2
92(12)	0.00694	76.1	76.1
103(12)	0.00694	76.1	76.1
89(11)	0.00826	76.0	76.0
72(10)	0.01000	76.0	76.0
85(11)	0.00826	75.9	75.9
91(12)	0.00694	75.9	75.9
95(12)	0.00694	75.8	75.8
85(11)	0.00826	75.8	75.8
94(12)	0.00694	75.7	75.8
115(13)	0.00592	75.7	75.7
72(10)	0.01000	75.7	75.7
98(12)	0.00694	75.6	75.6
76(11)	0.00826	75.6	75.6
85(11)	0.00826	75.5	75.5
94(12)	0.00694	75.5	75.5
90(12)	0.00694	75.4	75.4
63(10)	0.01000	75.4	75.4
60(9)	0.01235	75.3	75.4
78(11)	0.00826	75.3	75.3
87(11)	0.00826	75.3	75.3
92(12)	0.00694	75.2	75.2
68(10)	0.01000	75.2	75.2
76(11)	0.00826	75.1	75.1
85(11)	0.00826	75.1	75.1
103(12)	0.00694	75.0	75.0
103(12)	0.00694	75.0	75.0
70(10)	0.01000	75.0	75.0
78(11)	0.00826	74.9	74.9
75(10)	0.01000	74.9	74.9
86(11)	0.00826	74.8	74.8
85(11)	0.00826	74.8	74.8
97(12)	0.00694	74.7	74.7
78(11)	0.00826	74.7	74.7
92(12)	0.00694	74.7	74.7
76(11)	0.00826	74.6	74.6
60(9)	0.01235	74.6	74.6
77(11)	0.00826	74.5	74.5
85(11)	0.00826	74.5	74.5
98(12)	0.00694	74.4	74.4
96(12)	0.00694	74.4	74.4
94(12)	0.00694	74.4	74.4
81(11)	0.00826	74.3	74.3
100(12)	0.00694	74.3	74.3
104(12)	0.00694	74.2	74.2
78(11)	0.00826	74.2	74.2

96(12)	0.00694	74.1	74.2
78(11)	0.00826	74.1	74.1
72(10)	0.01000	74.1	74.1
93(12)	0.00694	74.0	74.0
77(11)	0.00826	74.0	74.0
92(12)	0.00694	73.9	73.9
101(12)	0.00694	73.9	73.9
91(12)	0.00694	73.8	73.9
92(12)	0.00694	73.8	73.8
88(11)	0.00826	73.8	73.8
84(11)	0.00826	73.7	73.7
107(13)	0.00592	73.7	73.7
105(12)	0.00694	73.6	73.7
109(13)	0.00592	73.6	73.6
85(11)	0.00826	73.6	73.6
72(10)	0.01000	73.5	73.5
90(12)	0.00694	73.5	73.5
91(12)	0.00694	73.4	73.5
73(10)	0.01000	73.4	73.4
75(10)	0.01000	73.4	73.4
98(12)	0.00694	73.3	73.3
80(11)	0.00826	73.3	73.3
89(11)	0.00826	73.2	73.3
83(11)	0.00826	73.2	73.2
80(11)	0.00826	73.1	73.2
85(11)	0.00826	73.1	73.1
94(12)	0.00694	73.1	73.1
96(12)	0.00694	73.0	73.1
89(11)	0.00826	73.0	73.0
83(11)	0.00826	72.9	73.0
81(11)	0.00826	72.9	72.9
95(12)	0.00694	72.9	72.9
76(11)	0.00826	72.8	72.9
82(11)	0.00826	72.8	72.8
67(10)	0.01000	72.7	72.8
99(12)	0.00694	72.7	72.7
92(12)	0.00694	72.7	72.7
98(12)	0.00694	72.6	72.7
72(10)	0.01000	72.6	72.6
99(12)	0.00694	72.5	72.6
99(12)	0.00694	72.5	72.6
95(12)	0.00694	72.5	72.5
63(10)	0.01000	72.4	72.5
84(11)	0.00826	72.4	72.4
85(11)	0.00826	72.3	72.4
87(11)	0.00826	72.3	72.4
86(11)	0.00826	72.3	72.3
80(11)	0.00826	72.2	72.3
81(11)	0.00826	72.2	72.3
94(12)	0.00694	72.2	72.2
78(11)	0.00826	72.1	72.2
90(12)	0.00694	72.1	72.2
91(12)	0.00694	72.0	72.1
88(11)	0.00826	72.0	72.1

80(11)	0.00826	72.0	72.1
94(12)	0.00694	71.9	72.0
72(10)	0.01000	71.9	72.0
96(12)	0.00694	71.8	72.0
86(11)	0.00826	71.8	71.9
94(12)	0.00694	71.8	71.9
83(11)	0.00826	71.7	71.9
86(11)	0.00826	71.7	71.8
80(11)	0.00826	71.7	71.8
92(12)	0.00694	71.6	71.8
94(12)	0.00694	71.6	71.8
83(11)	0.00826	71.5	71.7
84(11)	0.00826	71.5	71.7
84(11)	0.00826	71.5	71.7
97(12)	0.00694	71.4	71.7
81(11)	0.00826	71.4	71.7
77(11)	0.00826	71.3	71.7
80(11)	0.00826	71.3	71.7
92(12)	0.00694	71.3	71.7
79(11)	0.00826	71.2	71.7
93(12)	0.00694	71.2	71.7
90(11)	0.00826	71.2	71.7
107(13)	0.00592	71.1	71.8
105(12)	0.00694	71.1	71.9
94(12)	0.00694	71.0	72.0
93(12)	0.00694	71.0	72.1
123(13)	0.00592	71.0	72.3
108(13)	0.00592	70.9	72.6
89(11)	0.00826	70.9	73.0
123(13)	0.00592	70.9	73.5
114(13)	0.00592	70.8	74.3
142(14)	0.00510	70.8	75.2
145(14)	0.00510	70.8	76.2
123(13)	0.00592	70.7	77.1
145(15)	0.00444	70.7	77.4
154(15)	0.00444	70.6	77.0
124(13)	0.00592	70.6	76.1
137(14)	0.00510	70.6	75.0
150(15)	0.00444	70.5	74.0
111(13)	0.00592	70.5	73.2
117(13)	0.00592	70.5	72.6
127(14)	0.00510	70.4	72.1
104(12)	0.00694	70.4	71.8
135(14)	0.00510	70.4	71.5
107(13)	0.00592	70.3	71.3
95(12)	0.00694	70.3	71.1
72(10)	0.01000	70.2	70.9
91(12)	0.00694	70.2	70.8
95(12)	0.00694	70.2	70.7
94(12)	0.00694	70.1	70.6
112(13)	0.00592	70.1	70.5
92(12)	0.00694	70.1	70.5
81(11)	0.00826	70.0	70.4
108(12)	0.00694	70.0	70.3

86(11)	0.00826	70.0	70.3
92(12)	0.00694	69.9	70.2
73(10)	0.01000	69.9	70.1
97(12)	0.00694	69.9	70.1
82(11)	0.00826	69.8	70.0
100(12)	0.00694	69.8	70.0
114(13)	0.00592	69.7	70.0
114(13)	0.00592	69.7	69.9
82(11)	0.00826	69.7	69.9
99(12)	0.00694	69.6	69.8
116(13)	0.00592	69.6	69.8
108(12)	0.00694	69.6	69.7
97(12)	0.00694	69.5	69.7
89(11)	0.00826	69.5	69.7
101(12)	0.00694	69.5	69.6
112(13)	0.00592	69.4	69.6
95(12)	0.00694	69.4	69.6
121(13)	0.00592	69.4	69.5
126(13)	0.00592	69.3	69.5
102(12)	0.00694	69.3	69.5
98(12)	0.00694	69.3	69.4
107(12)	0.00694	69.2	69.4
102(12)	0.00694	69.2	69.4
104(12)	0.00694	69.2	69.3
96(12)	0.00694	69.1	69.3
78(11)	0.00826	69.1	69.3
91(11)	0.00826	69.1	69.3
107(12)	0.00694	69.0	69.2
96(12)	0.00694	69.0	69.2
112(13)	0.00592	69.0	69.2
99(12)	0.00694	68.9	69.2
93(12)	0.00694	68.9	69.2
119(13)	0.00592	68.9	69.2
111(13)	0.00592	68.8	69.2
109(13)	0.00592	68.8	69.2
94(12)	0.00694	68.8	69.2
111(13)	0.00592	68.7	69.2
131(14)	0.00510	68.7	69.2
105(12)	0.00694	68.7	69.2
101(12)	0.00694	68.6	69.3
95(12)	0.00694	68.6	69.3
97(12)	0.00694	68.6	69.4
97(12)	0.00694	68.5	69.5
107(12)	0.00694	68.5	69.7
96(12)	0.00694	68.5	70.0
107(12)	0.00694	68.4	70.3
103(12)	0.00694	68.4	70.7
93(12)	0.00694	68.4	71.3
128(14)	0.00510	68.3	72.1
81(11)	0.00826	68.3	73.1
100(12)	0.00694	68.3	74.2
123(13)	0.00592	68.2	75.0
85(11)	0.00826	68.2	75.2
97(12)	0.00694	68.2	74.6

73(10)	0.01000	68.1	73.5
96(12)	0.00694	68.1	72.4
107(12)	0.00694	68.1	71.4
90(11)	0.00826	68.0	70.6
89(11)	0.00826	68.0	70.1
81(11)	0.00826	68.0	69.6
97(12)	0.00694	67.9	69.3
88(11)	0.00826	67.9	69.0
94(12)	0.00694	67.9	68.8
97(12)	0.00694	67.8	68.6
86(11)	0.00826	67.8	68.5
71(10)	0.01000	67.8	68.4
91(11)	0.00826	67.7	68.3
91(11)	0.00826	67.7	68.2
97(12)	0.00694	67.7	68.1
99(12)	0.00694	67.7	68.0
87(11)	0.00826	67.6	68.0
98(12)	0.00694	67.6	67.9
71(10)	0.01000	67.6	67.8
85(11)	0.00826	67.5	67.8
90(11)	0.00826	67.5	67.7
96(12)	0.00694	67.5	67.7
95(12)	0.00694	67.4	67.6
83(11)	0.00826	67.4	67.6
99(12)	0.00694	67.4	67.5
84(11)	0.00826	67.3	67.5
97(12)	0.00694	67.3	67.5
91(11)	0.00826	67.3	67.4
72(10)	0.01000	67.3	67.4
91(11)	0.00826	67.2	67.3
96(12)	0.00694	67.2	67.3
68(10)	0.01000	67.2	67.3
97(12)	0.00694	67.1	67.2
82(11)	0.00826	67.1	67.2
81(11)	0.00826	67.1	67.2
85(11)	0.00826	67.0	67.1
99(12)	0.00694	67.0	67.1
88(11)	0.00826	67.0	67.1
91(11)	0.00826	66.9	67.0
60(9)	0.01235	66.9	67.0
69(10)	0.01000	66.9	67.0
74(10)	0.01000	66.9	66.9
85(11)	0.00826	66.8	66.9
92(11)	0.00826	66.8	66.9
62(9)	0.01235	66.8	66.8
92(12)	0.00694	66.7	66.8
67(10)	0.01000	66.7	66.8
85(11)	0.00826	66.7	66.7
68(10)	0.01000	66.6	66.7
77(10)	0.01000	66.6	66.7
72(10)	0.01000	66.6	66.6
77(10)	0.01000	66.6	66.6
82(11)	0.00826	66.5	66.6
71(10)	0.01000	66.5	66.5

88(11)	0.00826	66.5	66.5
93(12)	0.00694	66.4	66.5
125(13)	0.00592	66.4	66.4
68(10)	0.01000	66.4	66.4
70(10)	0.01000	66.4	66.4
79(11)	0.00826	66.3	66.4
78(11)	0.00826	66.3	66.3
100(12)	0.00694	66.3	66.3
103(12)	0.00694	66.2	66.3
89(11)	0.00826	66.2	66.2
85(11)	0.00826	66.2	66.2
58(9)	0.01235	66.1	66.2
95(12)	0.00694	66.1	66.1
80(11)	0.00826	66.1	66.1
86(11)	0.00826	66.1	66.1
73(10)	0.01000	66.0	66.1
78(11)	0.00826	66.0	66.0
83(11)	0.00826	66.0	66.0
92(11)	0.00826	65.9	66.0
84(11)	0.00826	65.9	65.9
77(10)	0.01000	65.9	65.9
75(10)	0.01000	65.9	65.9
84(11)	0.00826	65.8	65.9
66(10)	0.01000	65.8	65.8
88(11)	0.00826	65.8	65.8
77(10)	0.01000	65.8	65.8
76(10)	0.01000	65.7	65.7
70(10)	0.01000	65.7	65.7
64(10)	0.01000	65.7	65.7
87(11)	0.00826	65.6	65.7
85(11)	0.00826	65.6	65.6
78(11)	0.00826	65.6	65.6
76(10)	0.01000	65.6	65.6
83(11)	0.00826	65.5	65.5
97(12)	0.00694	65.5	65.5
82(11)	0.00826	65.5	65.5
75(10)	0.01000	65.4	65.5
98(12)	0.00694	65.4	65.4
72(10)	0.01000	65.4	65.4
77(10)	0.01000	65.4	65.4
60(9)	0.01235	65.3	65.3
93(12)	0.00694	65.3	65.3
80(11)	0.00826	65.3	65.3
76(10)	0.01000	65.3	65.3
77(10)	0.01000	65.2	65.2
107(12)	0.00694	65.2	65.2
85(11)	0.00826	65.2	65.2
86(11)	0.00826	65.1	65.2
96(12)	0.00694	65.1	65.1
91(11)	0.00826	65.1	65.1
81(11)	0.00826	65.1	65.1
68(10)	0.01000	65.0	65.0
92(11)	0.00826	65.0	65.0
93(12)	0.00694	65.0	65.0

84(11)	0.00826	65.0	65.0
83(11)	0.00826	64.9	64.9
60(9)	0.01235	64.9	64.9
77(10)	0.01000	64.9	64.9
83(11)	0.00826	64.9	64.9
89(11)	0.00826	64.8	64.8
84(11)	0.00826	64.8	64.8
67(10)	0.01000	64.8	64.8
91(11)	0.00826	64.7	64.8
81(11)	0.00826	64.7	64.7
81(11)	0.00826	64.7	64.7
67(10)	0.01000	64.7	64.7
86(11)	0.00826	64.6	64.7
94(12)	0.00694	64.6	64.6
76(10)	0.01000	64.6	64.6
81(11)	0.00826	64.6	64.6
84(11)	0.00826	64.5	64.5
76(10)	0.01000	64.5	64.5
96(12)	0.00694	64.5	64.5
91(11)	0.00826	64.5	64.5
71(10)	0.01000	64.4	64.4
58(9)	0.01235	64.4	64.4
86(11)	0.00826	64.4	64.4
93(11)	0.00826	64.4	64.4
72(10)	0.01000	64.3	64.3
77(10)	0.01000	64.3	64.3
76(10)	0.01000	64.3	64.3
60(9)	0.01235	64.3	64.3
69(10)	0.01000	64.2	64.2
90(11)	0.00826	64.2	64.2
90(11)	0.00826	64.2	64.2
60(9)	0.01235	64.2	64.2
76(10)	0.01000	64.1	64.1
78(11)	0.00826	64.1	64.1
76(10)	0.01000	64.1	64.1
80(11)	0.00826	64.1	64.1
90(11)	0.00826	64.0	64.0
64(10)	0.01000	64.0	64.0
89(11)	0.00826	64.0	64.0
78(10)	0.01000	64.0	64.0
88(11)	0.00826	63.9	63.9
76(10)	0.01000	63.9	63.9
66(10)	0.01000	63.9	63.9
60(9)	0.01235	63.9	63.9
88(11)	0.00826	63.8	63.8
80(11)	0.00826	63.8	63.8
73(10)	0.01000	63.8	63.8
68(10)	0.01000	63.8	63.8
89(11)	0.00826	63.7	63.7
73(10)	0.01000	63.7	64.9
59(9)	0.01235	63.7	64.9
81(11)	0.00826	63.7	64.9
74(10)	0.01000	63.6	64.9
87(11)	0.00826	63.6	64.9

63(9)	0.01235	63.6	64.9
91(11)	0.00826	63.6	64.9
75(10)	0.01000	63.5	64.9
58(9)	0.01235	63.5	64.9
80(11)	0.00826	63.5	64.9
73(10)	0.01000	63.5	64.9
64(10)	0.01000	63.5	64.9
78(10)	0.01000	63.4	64.9
67(10)	0.01000	63.4	64.9
81(11)	0.00826	63.4	64.9
92(11)	0.00826	63.4	64.9
58(9)	0.01235	63.3	64.9
109(12)	0.00694	63.3	64.9
57(9)	0.01235	63.3	64.9
69(10)	0.01000	63.3	64.9
59(9)	0.01235	63.2	64.9
84(11)	0.00826	63.2	64.9
77(10)	0.01000	63.2	64.9
63(9)	0.01235	63.2	64.9
67(10)	0.01000	63.1	64.9
83(11)	0.00826	63.1	64.9
83(11)	0.00826	63.1	64.9
74(10)	0.01000	63.1	64.9
82(11)	0.00826	63.1	64.9
68(10)	0.01000	63.0	65.0
82(11)	0.00826	63.0	65.0
79(11)	0.00826	63.0	65.0
95(12)	0.00694	63.0	65.0
95(12)	0.00694	62.9	66.1
74(10)	0.01000	62.9	66.1
91(11)	0.00826	62.9	66.2
77(10)	0.01000	62.9	66.2
79(11)	0.00826	62.9	66.2
85(11)	0.00826	62.8	66.3
83(11)	0.00826	62.8	66.3
77(10)	0.01000	62.8	66.4
71(10)	0.01000	62.8	66.4
77(10)	0.01000	62.7	66.5
90(11)	0.00826	62.7	66.5
72(10)	0.01000	62.7	66.6
65(10)	0.01000	62.7	66.6
60(9)	0.01235	62.6	66.7
96(12)	0.00694	62.6	66.7
57(9)	0.01235	62.6	66.8
83(11)	0.00826	62.6	66.8
74(10)	0.01000	62.6	66.9
85(11)	0.00826	62.5	67.0
80(11)	0.00826	62.5	67.0
99(12)	0.00694	62.5	67.1
54(9)	0.01235	62.5	67.2
82(11)	0.00826	62.5	67.3
69(10)	0.01000	62.4	67.3
78(10)	0.01000	62.4	67.4
81(11)	0.00826	62.4	67.5

72(10)	0.01000	62.4	67.6
75(10)	0.01000	62.3	67.7
81(11)	0.00826	62.3	67.8
93(11)	0.00826	62.3	67.9
72(10)	0.01000	62.3	68.0
82(11)	0.00826	62.3	68.1
70(10)	0.01000	62.2	68.2
64(9)	0.01235	62.2	68.4
79(10)	0.01000	62.2	68.5
82(11)	0.00826	62.2	68.6
74(10)	0.01000	62.2	68.8
85(11)	0.00826	62.1	68.9
70(10)	0.01000	62.1	69.1
68(10)	0.01000	62.1	69.3
80(11)	0.00826	62.1	69.4
72(10)	0.01000	62.0	69.6
68(10)	0.01000	62.0	69.8
75(10)	0.01000	62.0	70.0
73(10)	0.01000	62.0	70.2
101(12)	0.00694	62.0	70.4
86(11)	0.00826	61.9	70.8
86(11)	0.00826	61.9	71.0
80(11)	0.00826	61.9	71.3
79(10)	0.01000	61.9	71.6
84(11)	0.00826	61.9	71.8
82(11)	0.00826	61.8	72.1
95(12)	0.00694	61.8	72.4
89(11)	0.00826	61.8	72.8
98(12)	0.00694	61.8	73.1
75(10)	0.01000	61.8	73.5
84(11)	0.00826	61.7	73.8
76(10)	0.01000	61.7	74.2
68(10)	0.01000	61.7	74.7
77(10)	0.01000	61.7	75.1
99(12)	0.00694	61.7	75.6
59(9)	0.01235	61.6	76.1
78(10)	0.01000	61.6	76.6
84(11)	0.00826	61.6	77.2
83(11)	0.00826	61.6	77.8
58(9)	0.01235	61.6	78.5
79(10)	0.01000	61.5	79.2
75(10)	0.01000	61.5	79.9
97(12)	0.00694	61.5	80.7
95(11)	0.00826	61.5	81.6
59(9)	0.01235	61.5	82.5
83(11)	0.00826	61.4	83.5
76(10)	0.01000	61.4	84.6
88(11)	0.00826	61.4	85.7
96(12)	0.00694	61.4	87.0
84(11)	0.00826	61.4	88.4
89(11)	0.00826	61.3	89.9
114(13)	0.00592	61.3	91.5
109(12)	0.00694	61.3	93.3
86(11)	0.00826	61.3	95.2

113(13)	0.00592	61.3	97.4
87(11)	0.00826	61.2	99.8
82(11)	0.00826	61.2	102.4
83(11)	0.00826	61.2	105.3
131(13)	0.00592	61.2	108.6
100(12)	0.00694	61.2	112.3
108(12)	0.00694	61.2	116.5
120(13)	0.00592	61.1	121.2
119(13)	0.00592	61.1	126.5
151(14)	0.00510	61.1	132.7
146(14)	0.00510	61.1	139.8
113(13)	0.00592	61.1	148.1
147(14)	0.00510	61.0	157.8
156(15)	0.00444	61.0	169.3
177(16)	0.00391	61.0	183.1
175(16)	0.00391	61.0	199.7
202(17)	0.003460	61.0	220.1
217(17)	0.003460	60.9	245.6
277(20)	0.002500	60.9	278.2
308(21)	0.002268	60.9	320.9
358(22)	0.002066	60.9	377.8
388(23)	0.001890	60.9	455.0
560(28)	0.001276	60.9	560.2
617(29)	0.001189	60.8	702.4
787(33)	0.000918	60.8	890.1
942(36)	0.000772	61.	1126.
1082(39)	0.000657	61.	1395.
1380(44)	0.000517	61.	1639.
1450(45)	0.000494	61.	1763.
1474(45)	0.000494	61.	1699.
1328(43)	0.000541	61.	1484.
1128(39)	0.000657	61.	1217.
872(35)	0.000816	60.7	970.0
764(32)	0.000977	60.7	769.2
594(29)	0.001189	60.6	616.0
517(27)	0.001372	60.6	503.0
405(24)	0.001736	60.6	421.0
377(23)	0.001890	60.6	361.7
300(20)	0.002500	60.6	318.8
299(20)	0.002500	60.5	287.6
232(18)	0.003086	60.5	264.7
248(19)	0.002770	60.5	248.0
225(18)	0.003086	60.5	236.2
194(16)	0.00391	60.5	228.4
199(17)	0.003460	60.5	224.0
217(17)	0.003460	60.4	222.9
220(17)	0.003460	60.4	225.0
224(18)	0.003086	60.4	230.3
243(18)	0.003086	60.4	239.5
287(20)	0.002500	60.4	253.1
297(20)	0.002500	60.4	272.3
355(22)	0.002066	60.3	299.1
412(24)	0.001736	60.3	336.3
430(24)	0.001736	60.3	387.9

504(26)	0.001479	60.3	459.7
615(29)	0.001189	60.3	558.6
657(30)	0.001111	60.3	692.1
882(35)	0.000816	60.2	866.6
968(36)	0.000772	60.	1081.
1092(39)	0.000657	60.	1313.
1210(41)	0.000595	60.	1506.
1262(42)	0.000567	60.	1575.
1221(41)	0.000595	60.	1483.
1090(39)	0.000657	60.	1279.
929(36)	0.000772	60.	1043.
860(34)	0.000865	60.1	830.8
748(32)	0.000977	60.1	658.8
565(28)	0.001276	60.1	527.0
478(26)	0.001479	60.1	428.7
402(23)	0.001890	60.0	356.3
383(23)	0.001890	60.0	302.8
335(21)	0.002268	60.0	262.9
316(21)	0.002268	60.0	232.6
261(19)	0.002770	60.0	208.9
211(17)	0.003460	60.0	190.0
210(17)	0.003460	59.9	174.7
173(15)	0.00444	59.9	162.0
167(15)	0.00444	59.9	151.4
170(15)	0.00444	59.9	142.5
137(14)	0.00510	59.9	134.9
152(14)	0.00510	59.9	128.4
160(15)	0.00444	59.8	122.8
118(13)	0.00592	59.8	117.9
142(14)	0.00510	59.8	113.6
138(14)	0.00510	59.8	109.9
131(13)	0.00592	59.8	106.6
122(13)	0.00592	59.8	103.8
118(13)	0.00592	59.7	101.3
109(12)	0.00694	59.7	99.1
105(12)	0.00694	59.7	97.2
112(12)	0.00694	59.7	95.7
109(12)	0.00694	59.7	94.4
100(12)	0.00694	59.7	93.5
108(12)	0.00694	59.7	93.0
113(12)	0.00694	59.6	92.8
105(12)	0.00694	59.6	92.9
94(11)	0.00826	59.6	93.2
97(12)	0.00694	59.6	93.5
86(11)	0.00826	59.6	93.3
97(12)	0.00694	59.6	92.3
90(11)	0.00826	59.5	90.6
73(10)	0.01000	59.5	88.5
102(12)	0.00694	59.5	86.4
74(10)	0.01000	59.5	84.5
95(11)	0.00826	59.5	82.9
83(11)	0.00826	59.5	81.6
93(11)	0.00826	59.5	80.5
101(12)	0.00694	59.4	79.6

113(12)	0.00694	59.4	78.9
101(12)	0.00694	59.4	78.3
110(12)	0.00694	59.4	77.8
100(12)	0.00694	59.4	77.4
93(11)	0.00826	59.4	77.1
92(11)	0.00826	59.3	76.8
88(11)	0.00826	59.3	76.7
87(11)	0.00826	59.3	76.5
66(10)	0.01000	59.3	76.5
81(11)	0.00826	59.3	76.5
61(9)	0.01235	59.3	76.6
83(11)	0.00826	59.3	76.8
88(11)	0.00826	59.2	77.0
83(11)	0.00826	59.2	77.3
101(12)	0.00694	59.2	77.7
91(11)	0.00826	59.2	78.2
79(10)	0.01000	59.2	78.8
79(10)	0.01000	59.2	79.6
91(11)	0.00826	59.2	80.5
80(10)	0.01000	59.1	81.6
104(12)	0.00694	59.1	82.9
102(12)	0.00694	59.1	84.4
105(12)	0.00694	59.1	86.3
110(12)	0.00694	59.1	88.5
104(12)	0.00694	59.1	91.3
106(12)	0.00694	59.1	94.6
137(14)	0.00510	59.0	98.7
103(12)	0.00694	59.0	103.9
150(14)	0.00510	59.0	110.6
124(13)	0.00592	59.0	119.2
168(15)	0.00444	59.0	130.4
191(16)	0.00391	59.0	145.1
188(16)	0.00391	59.0	164.1
200(17)	0.003460	58.9	188.6
236(18)	0.003086	58.9	219.1
210(17)	0.003460	58.9	255.6
303(20)	0.002500	58.9	295.8
313(21)	0.002268	58.9	333.6
336(21)	0.002268	58.9	358.8
332(21)	0.002268	58.9	361.8
324(21)	0.002268	58.8	341.2
280(20)	0.002500	58.8	305.2
245(18)	0.003086	58.8	264.7
215(17)	0.003460	58.8	226.7
209(17)	0.003460	58.8	194.3
171(15)	0.00444	58.8	168.2
191(16)	0.00391	58.8	147.6
158(15)	0.00444	58.8	131.7
155(15)	0.00444	58.7	119.5
122(13)	0.00592	58.7	110.0
133(13)	0.00592	58.7	102.7
101(12)	0.00694	58.7	96.9
121(13)	0.00592	58.7	92.3
87(11)	0.00826	58.7	88.5

105(12)	0.00694	58.7	85.4
96(11)	0.00826	58.6	82.8
89(11)	0.00826	58.6	80.6
84(11)	0.00826	58.6	78.7
90(11)	0.00826	58.6	77.0
98(12)	0.00694	58.6	75.6
96(11)	0.00826	58.6	74.3
98(12)	0.00694	58.6	72.0
96(11)	0.00826	58.6	71.0
86(11)	0.00826	58.5	70.1
103(12)	0.00694	58.5	69.4
92(11)	0.00826	58.5	68.7
84(11)	0.00826	58.5	68.0
88(11)	0.00826	58.5	67.5
84(11)	0.00826	58.5	66.9
82(11)	0.00826	58.5	66.5
74(10)	0.01000	58.5	66.0
85(11)	0.00826	58.4	65.7
79(10)	0.01000	58.4	65.3
98(12)	0.00694	58.4	65.0
71(10)	0.01000	58.4	64.6
73(10)	0.01000	58.4	64.4
89(11)	0.00826	58.4	64.1
58(9)	0.01235	58.4	63.8
50(8)	0.01563	58.4	63.6
69(10)	0.01000	58.3	63.4
94(11)	0.00826	58.3	63.2
67(10)	0.01000	58.3	63.0
72(10)	0.01000	58.3	62.8
84(11)	0.00826	58.3	62.6
79(10)	0.01000	58.3	62.5
86(11)	0.00826	58.3	62.3
73(10)	0.01000	58.3	62.2
76(10)	0.01000	58.2	62.0
59(9)	0.01235	58.2	61.9
80(10)	0.01000	58.2	61.8
70(10)	0.01000	58.2	61.7
80(10)	0.01000	58.2	61.5
68(10)	0.01000	58.2	61.4
72(10)	0.01000	58.2	61.3
77(10)	0.01000	58.2	60.1
92(11)	0.00826	58.1	60.0
80(10)	0.01000	58.1	60.0
73(10)	0.01000	58.1	59.9
53(9)	0.01235	58.1	59.8
53(9)	0.01235	58.1	59.8
78(10)	0.01000	58.1	59.7
94(11)	0.00826	58.1	59.6
61(9)	0.01235	58.1	59.6
55(9)	0.01235	58.1	59.5
69(10)	0.01000	58.0	59.5
67(10)	0.01000	58.0	59.4
62(9)	0.01235	58.0	59.4
66(10)	0.01000	58.0	59.3

79(10)	0.01000	58.0	59.3
82(11)	0.00826	58.0	59.2
69(10)	0.01000	58.0	59.2
69(10)	0.01000	58.0	59.1
73(10)	0.01000	58.0	59.1
63(9)	0.01235	57.9	59.0
73(10)	0.01000	57.9	59.0
94(11)	0.00826	57.9	59.0
78(10)	0.01000	57.9	58.9
66(10)	0.01000	57.9	58.9
77(10)	0.01000	57.9	58.8
74(10)	0.01000	57.9	58.8
99(12)	0.00694	57.9	58.8
92(11)	0.00826	57.9	58.7
81(10)	0.01000	57.8	58.7
65(9)	0.01235	57.8	58.7
73(10)	0.01000	57.8	58.7
79(10)	0.01000	57.8	58.6
61(9)	0.01235	57.8	58.6
61(9)	0.01235	57.8	58.6
58(9)	0.01235	57.8	58.5
70(10)	0.01000	57.8	58.5
69(10)	0.01000	57.8	58.5
70(10)	0.01000	57.7	58.4
51(8)	0.01563	57.7	58.4
79(10)	0.01000	57.7	58.4
75(10)	0.01000	57.7	58.4
69(10)	0.01000	57.7	58.3
43(8)	0.01563	57.7	58.3
92(11)	0.00826	57.7	58.3
77(10)	0.01000	57.7	58.3
63(9)	0.01235	57.7	58.3
60(9)	0.01235	57.6	58.2
58(9)	0.01235	57.6	58.2
58(9)	0.01235	57.6	58.2
70(10)	0.01000	57.6	58.2
66(9)	0.01235	57.6	58.1
81(10)	0.01000	57.6	58.1
72(10)	0.01000	57.6	58.1
66(9)	0.01235	57.6	58.1
75(10)	0.01000	57.6	58.1
74(10)	0.01000	57.6	58.0
43(8)	0.01563	57.5	58.0
73(10)	0.01000	57.5	58.0
68(10)	0.01000	57.5	58.0
77(10)	0.01000	57.5	58.0
58(9)	0.01235	57.5	58.0
72(10)	0.01000	57.5	57.9
74(10)	0.01000	57.5	57.9
80(10)	0.01000	57.5	57.9
65(9)	0.01235	57.5	57.9
71(10)	0.01000	57.5	57.9
56(9)	0.01235	57.4	57.9
74(10)	0.01000	57.4	57.8

62(9)	0.01235	57.4	57.8
74(10)	0.01000	57.4	57.8
83(11)	0.00826	57.4	57.8
93(11)	0.00826	57.4	57.8
65(9)	0.01235	57.4	57.8
71(10)	0.01000	57.4	57.7
75(10)	0.01000	57.4	57.7
50(8)	0.01563	57.4	57.7
72(10)	0.01000	57.3	57.7
52(8)	0.01563	57.3	57.7
67(10)	0.01000	57.3	57.7
69(10)	0.01000	57.3	57.6
85(11)	0.00826	57.3	57.6
79(10)	0.01000	57.3	57.6
83(11)	0.00826	57.3	57.6
81(10)	0.01000	57.3	57.6
51(8)	0.01563	57.3	57.6
62(9)	0.01235	57.3	57.6
85(11)	0.00826	57.3	57.6
71(10)	0.01000	57.2	57.5
68(10)	0.01000	57.2	57.5
76(10)	0.01000	57.2	57.5
55(9)	0.01235	57.2	57.5
75(10)	0.01000	57.2	57.5
51(8)	0.01563	57.2	57.5
67(10)	0.01000	57.2	57.5
78(10)	0.01000	57.2	57.4
67(10)	0.01000	57.2	57.4
62(9)	0.01235	57.2	57.4
62(9)	0.01235	57.2	57.4
68(10)	0.01000	57.1	57.4
60(9)	0.01235	57.1	57.4
67(10)	0.01000	57.1	57.4
62(9)	0.01235	57.1	57.4
72(10)	0.01000	57.1	57.3
96(11)	0.00826	57.1	57.3
70(10)	0.01000	57.1	57.3
60(9)	0.01235	57.1	57.3
79(10)	0.01000	57.1	57.3
81(10)	0.01000	57.1	57.3
72(10)	0.01000	57.1	57.3
76(10)	0.01000	57.0	57.3
83(11)	0.00826	57.0	57.3
76(10)	0.01000	57.0	57.2
70(10)	0.01000	57.0	57.2
63(9)	0.01235	57.0	57.2
68(10)	0.01000	57.0	57.2
68(10)	0.01000	57.0	57.2
85(11)	0.00826	57.0	57.2
68(10)	0.01000	57.0	57.2
69(10)	0.01000	57.0	57.2
68(10)	0.01000	57.0	57.2
76(10)	0.01000	57.0	57.1
85(11)	0.00826	56.9	57.1

58(9)	0.01235	56.9	57.1
80(10)	0.01000	56.9	57.1
63(9)	0.01235	56.9	57.1
78(10)	0.01000	56.9	56.9
55(9)	0.01235	56.9	56.9
55(9)	0.01235	56.9	56.9
64(9)	0.01235	56.9	56.9
73(10)	0.01000	56.9	56.9
55(9)	0.01235	56.9	56.9
68(10)	0.01000	56.9	56.9
73(10)	0.01000	56.9	56.9
60(9)	0.01235	56.8	56.8
66(9)	0.01235	56.8	56.8
62(9)	0.01235	56.8	56.8
84(11)	0.00826	56.8	56.8
67(9)	0.01235	56.8	56.8
76(10)	0.01000	56.8	56.8
79(10)	0.01000	56.8	56.8
56(9)	0.01235	56.8	56.8
73(10)	0.01000	56.8	56.8
78(10)	0.01000	56.8	56.8
66(9)	0.01235	56.8	56.8
55(9)	0.01235	56.8	56.8
75(10)	0.01000	56.8	56.8
59(9)	0.01235	56.7	56.7
68(10)	0.01000	56.7	56.7
59(9)	0.01235	56.7	56.7
54(9)	0.01235	56.7	56.7
64(9)	0.01235	56.7	56.7
78(10)	0.01000	56.7	56.7
78(10)	0.01000	56.7	56.7
64(9)	0.01235	56.7	56.7
85(11)	0.00826	56.7	56.7
68(10)	0.01000	56.7	56.7
69(10)	0.01000	56.7	56.7
78(10)	0.01000	56.7	56.7
66(9)	0.01235	56.7	56.7
49(8)	0.01563	56.6	56.6
52(8)	0.01563	56.6	56.6
65(9)	0.01235	56.6	56.6
76(10)	0.01000	56.6	56.6
94(11)	0.00826	56.6	56.6
76(10)	0.01000	56.6	56.6
68(10)	0.01000	56.6	56.6
64(9)	0.01235	56.6	56.6
54(9)	0.01235	56.6	56.6
80(10)	0.01000	56.6	56.6
75(10)	0.01000	56.6	56.6
58(9)	0.01235	56.6	56.6
68(10)	0.01000	56.6	56.6
71(10)	0.01000	56.6	56.6
71(10)	0.01000	56.5	56.5
55(9)	0.01235	56.5	56.5
66(9)	0.01235	56.5	56.5

72(10)	0.01000	56.5	56.5
62(9)	0.01235	56.5	56.5
52(8)	0.01563	56.5	56.5
68(10)	0.01000	56.5	56.5
68(10)	0.01000	56.5	56.5
67(9)	0.01235	56.5	56.5
64(9)	0.01235	56.5	56.5
73(10)	0.01000	56.5	56.5
55(9)	0.01235	56.5	56.5
83(11)	0.00826	56.5	56.5
70(10)	0.01000	56.5	56.5
67(9)	0.01235	56.4	56.4
57(9)	0.01235	56.4	56.4
61(9)	0.01235	56.4	56.4
63(9)	0.01235	56.4	56.4
67(9)	0.01235	56.4	56.4
77(10)	0.01000	56.4	56.4
56(9)	0.01235	56.4	56.4
67(9)	0.01235	56.4	56.4
75(10)	0.01000	56.4	56.4
65(9)	0.01235	56.4	56.4
69(10)	0.01000	56.4	56.4
64(9)	0.01235	56.4	56.4
66(9)	0.01235	56.4	56.4
78(10)	0.01000	56.4	56.4
75(10)	0.01000	56.4	56.4
68(10)	0.01000	56.4	56.4
59(9)	0.01235	56.3	56.3
67(9)	0.01235	56.3	56.3
68(10)	0.01000	56.3	56.3
73(10)	0.01000	56.3	56.3
77(10)	0.01000	56.3	56.3
56(9)	0.01235	56.3	56.3
78(10)	0.01000	56.3	56.3
67(9)	0.01235	56.3	56.3
75(10)	0.01000	56.3	56.3
89(11)	0.00826	56.3	56.3
88(11)	0.00826	56.3	56.3
58(9)	0.01235	56.3	56.3
76(10)	0.01000	56.3	56.3
60(9)	0.01235	56.3	56.3
55(9)	0.01235	56.3	56.3
68(10)	0.01000	56.3	56.3
68(10)	0.01000	56.2	56.2
68(10)	0.01000	56.2	56.2
69(10)	0.01000	56.2	56.2
73(10)	0.01000	56.2	56.2
91(11)	0.00826	56.2	56.2
62(9)	0.01235	56.2	56.2
61(9)	0.01235	56.2	56.2
62(9)	0.01235	56.2	56.2
55(9)	0.01235	56.2	56.2
65(9)	0.01235	56.2	56.2
69(10)	0.01000	56.2	56.2

56(9)	0.01235	56.2	56.2
72(10)	0.01000	56.2	56.2
51(8)	0.01563	56.2	56.2
60(9)	0.01235	56.2	56.2
51(8)	0.01563	56.2	56.2
58(9)	0.01235	56.2	56.2
78(10)	0.01000	56.1	56.1
61(9)	0.01235	56.1	56.1
70(10)	0.01000	56.1	56.1
80(10)	0.01000	56.1	56.1
56(9)	0.01235	56.1	56.1
68(10)	0.01000	56.1	56.1
68(10)	0.01000	56.1	56.1
59(9)	0.01235	56.1	56.1
72(10)	0.01000	56.1	56.1
65(9)	0.01235	56.1	56.1
77(10)	0.01000	56.1	56.1
62(9)	0.01235	56.1	56.1
64(9)	0.01235	56.1	56.1
67(9)	0.01235	56.1	56.1
50(8)	0.01563	56.1	56.1
66(9)	0.01235	56.1	56.1
62(9)	0.01235	56.1	56.1
52(8)	0.01563	56.1	56.1
69(10)	0.01000	56.1	56.1
70(10)	0.01000	56.0	56.0
67(9)	0.01235	56.0	56.0
66(9)	0.01235	56.0	56.0
65(9)	0.01235	56.0	56.0
62(9)	0.01235	56.0	56.0
69(10)	0.01000	56.0	56.0
63(9)	0.01235	56.0	56.0
60(9)	0.01235	56.0	56.0
71(10)	0.01000	56.0	56.0
62(9)	0.01235	56.0	56.0
65(9)	0.01235	56.0	56.0
62(9)	0.01235	56.0	56.0
61(9)	0.01235	56.0	56.0
80(10)	0.01000	56.0	56.0
82(10)	0.01000	56.0	56.0
71(10)	0.01000	56.0	56.0
73(10)	0.01000	56.0	56.0
57(9)	0.01235	56.0	56.0
70(10)	0.01000	56.0	56.0
57(9)	0.01235	56.0	56.0
58(9)	0.01235	55.9	55.9
82(10)	0.01000	55.9	55.9
65(9)	0.01235	55.9	55.9
58(9)	0.01235	55.9	55.9
58(9)	0.01235	55.9	55.9
70(10)	0.01000	55.9	55.9
55(9)	0.01235	55.9	55.9
75(10)	0.01000	55.9	55.9
71(10)	0.01000	55.9	55.9

70(10)	0.01000	55.9	55.9
58(9)	0.01235	55.9	55.9
56(9)	0.01235	55.9	55.9
59(9)	0.01235	55.9	55.9
62(9)	0.01235	55.9	55.9
79(10)	0.01000	55.9	55.9
63(9)	0.01235	55.9	55.9
52(8)	0.01563	55.9	55.9
70(10)	0.01000	55.9	55.9
61(9)	0.01235	55.9	55.9
65(9)	0.01235	55.9	55.9
66(9)	0.01235	55.9	55.9
88(11)	0.00826	55.9	55.9
69(10)	0.01000	55.8	55.8
74(10)	0.01000	55.8	55.8
49(8)	0.01563	55.8	55.8
61(9)	0.01235	55.8	55.8
58(9)	0.01235	55.8	55.8
74(10)	0.01000	55.8	55.8
54(9)	0.01235	55.8	55.8
65(9)	0.01235	55.8	55.8
71(10)	0.01000	55.8	55.8
70(10)	0.01000	55.8	55.8
71(10)	0.01000	55.8	55.8
65(9)	0.01235	55.8	55.8
74(10)	0.01000	55.8	55.8
69(10)	0.01000	55.8	55.8
59(9)	0.01235	55.8	55.8
70(10)	0.01000	55.8	55.8
66(9)	0.01235	55.8	55.8
65(9)	0.01235	55.8	55.8
62(9)	0.01235	55.8	55.8
70(10)	0.01000	55.8	55.8
73(10)	0.01000	55.8	55.8
71(10)	0.01000	55.8	55.8
78(10)	0.01000	55.8	55.8
52(8)	0.01563	55.8	55.8
74(10)	0.01000	55.8	55.8
71(10)	0.01000	55.7	55.7
72(10)	0.01000	55.7	55.7
66(9)	0.01235	55.7	55.7
59(9)	0.01235	55.7	55.7
73(10)	0.01000	55.7	55.7
62(9)	0.01235	55.7	55.7
50(8)	0.01563	55.7	55.7
72(10)	0.01000	55.7	55.7
49(8)	0.01563	55.7	55.7
54(8)	0.01563	55.7	55.7
66(9)	0.01235	55.7	55.7
57(9)	0.01235	55.7	55.7
74(10)	0.01000	55.7	55.7
65(9)	0.01235	55.7	55.7
61(9)	0.01235	55.7	55.7
50(8)	0.01563	55.7	55.7

74(10)	0.01000	55.7	55.7
49(8)	0.01563	55.7	55.7
58(9)	0.01235	55.7	55.7
75(10)	0.01000	55.7	55.7
54(8)	0.01563	55.7	55.7
57(9)	0.01235	55.7	55.7
62(9)	0.01235	55.7	55.7
65(9)	0.01235	55.7	55.7
70(10)	0.01000	55.7	55.7
60(9)	0.01235	55.7	55.7
79(10)	0.01000	55.7	55.7
63(9)	0.01235	55.7	55.7
71(10)	0.01000	55.7	55.7
60(9)	0.01235	55.6	55.6
60(9)	0.01235	55.6	55.6
51(8)	0.01563	55.6	55.6
67(9)	0.01235	55.6	55.6
66(9)	0.01235	55.6	55.6
65(9)	0.01235	55.6	55.6
59(9)	0.01235	55.6	55.6
56(9)	0.01235	55.6	55.6
79(10)	0.01000	55.6	55.6
72(10)	0.01000	55.6	55.6
67(9)	0.01235	55.6	55.6
69(10)	0.01000	55.6	55.6
63(9)	0.01235	55.6	55.6
54(8)	0.01563	55.6	55.6
68(10)	0.01000	55.6	55.6
49(8)	0.01563	55.6	55.6
73(10)	0.01000	55.6	55.6
87(11)	0.00826	55.6	55.6
65(9)	0.01235	55.6	55.6
56(9)	0.01235	55.6	55.6
62(9)	0.01235	55.6	55.6
64(9)	0.01235	55.6	55.6
54(8)	0.01563	55.6	55.6
66(9)	0.01235	55.6	55.6
71(10)	0.01000	55.6	55.6
80(10)	0.01000	55.6	55.6
54(8)	0.01563	55.6	55.6
58(9)	0.01235	55.6	55.6
59(9)	0.01235	55.6	55.6
85(11)	0.00826	55.6	55.6
50(8)	0.01563	55.6	55.6
71(10)	0.01000	55.6	55.6
62(9)	0.01235	55.6	55.6
54(8)	0.01563	55.5	55.5
67(9)	0.01235	55.5	55.5
65(9)	0.01235	55.5	55.5
91(11)	0.00826	55.5	55.5
61(9)	0.01235	55.5	55.5
64(9)	0.01235	55.5	55.5
68(9)	0.01235	55.5	55.5
48(8)	0.01563	55.5	55.5

59(9)	0.01235	55.5	55.5
39(7)	0.02041	55.5	55.5
54(8)	0.01563	55.5	55.5
63(9)	0.01235	55.5	55.5
64(9)	0.01235	55.5	55.5
55(9)	0.01235	55.5	55.5
74(10)	0.01000	55.5	55.5
58(9)	0.01235	55.5	55.5
70(10)	0.01000	55.5	55.5
48(8)	0.01563	55.5	55.5
57(9)	0.01235	55.5	55.5
43(8)	0.01563	55.5	55.5
50(8)	0.01563	55.5	55.5
61(9)	0.01235	55.5	55.5
71(10)	0.01000	55.5	55.5
62(9)	0.01235	55.5	55.5
66(9)	0.01235	55.5	55.5
57(9)	0.01235	55.5	55.5
82(10)	0.01000	55.5	55.5
63(9)	0.01235	55.5	55.5
73(10)	0.01000	55.5	55.5
69(10)	0.01000	55.5	55.5
54(8)	0.01563	55.5	55.5
69(10)	0.01000	55.5	55.5
68(9)	0.01235	55.5	55.5
70(10)	0.01000	55.5	55.5
60(9)	0.01235	55.5	55.5
72(10)	0.01000	55.5	55.5
69(10)	0.01000	55.5	55.5
64(9)	0.01235	55.5	55.5
68(10)	0.01000	55.5	55.5
53(8)	0.01563	55.5	55.5
64(9)	0.01235	55.5	55.8
64(9)	0.01235	55.5	55.8
62(9)	0.01235	55.5	55.8
70(10)	0.01000	55.4	55.8
72(10)	0.01000	55.4	55.8
74(10)	0.01000	55.4	55.8
69(10)	0.01000	55.4	55.8
60(9)	0.01235	55.4	55.8
54(8)	0.01563	55.4	55.8
75(10)	0.01000	55.4	55.8
60(9)	0.01235	55.4	55.8
54(8)	0.01563	55.4	55.8
61(9)	0.01235	55.4	55.8
69(10)	0.01000	55.4	55.8
52(8)	0.01563	55.4	55.8
62(9)	0.01235	55.4	55.8
64(9)	0.01235	55.4	55.8
43(8)	0.01563	55.4	55.8
57(9)	0.01235	55.4	55.8
68(9)	0.01235	55.4	55.8
74(10)	0.01000	55.4	55.8
77(10)	0.01000	55.4	55.8

72(10)	0.01000	55.4	55.8
79(10)	0.01000	55.4	55.8
63(9)	0.01235	55.4	55.8
67(9)	0.01235	55.4	55.9
54(8)	0.01563	55.4	55.9
78(10)	0.01000	55.4	55.9
58(9)	0.01235	55.4	55.9
60(9)	0.01235	55.4	55.9
60(9)	0.01235	55.4	55.9
68(9)	0.01235	55.4	55.9
69(10)	0.01000	55.4	55.9
72(10)	0.01000	55.4	55.9
56(9)	0.01235	55.4	55.9
83(10)	0.01000	55.4	55.9
73(10)	0.01000	55.4	55.9
73(10)	0.01000	55.4	55.9
60(9)	0.01235	55.4	55.9
59(9)	0.01235	55.4	55.9
59(9)	0.01235	55.4	55.9
56(9)	0.01235	55.4	55.9
68(9)	0.01235	55.4	55.9
72(10)	0.01000	55.4	55.9
67(9)	0.01235	55.4	56.0
64(9)	0.01235	55.4	56.0
56(9)	0.01235	55.4	56.0
60(9)	0.01235	55.4	56.0
85(11)	0.00826	55.4	56.0
52(8)	0.01563	55.4	56.0
74(10)	0.01000	55.4	56.0
74(10)	0.01000	55.4	56.0
65(9)	0.01235	55.4	56.0
52(8)	0.01563	55.4	56.0
74(10)	0.01000	55.4	56.0
67(9)	0.01235	55.4	56.0
64(9)	0.01235	55.4	56.1
56(9)	0.01235	55.4	56.1
78(10)	0.01000	55.4	56.1
70(10)	0.01000	55.4	56.1
56(9)	0.01235	55.4	56.1
60(9)	0.01235	55.4	56.1
67(9)	0.01235	55.4	56.1
61(9)	0.01235	55.4	56.1
69(10)	0.01000	55.4	56.1
63(9)	0.01235	55.4	56.2
54(8)	0.01563	55.4	56.2
67(9)	0.01235	55.4	56.2
56(9)	0.01235	55.4	56.2
50(8)	0.01563	55.3	56.2
62(9)	0.01235	55.3	56.2
87(11)	0.00826	55.3	56.2
60(9)	0.01235	55.3	56.3
66(9)	0.01235	55.3	56.3
39(7)	0.02041	55.3	56.3
55(9)	0.01235	55.3	56.3

69(10)	0.01000	55.3	56.3
63(9)	0.01235	55.3	56.3
63(9)	0.01235	55.3	56.4
65(9)	0.01235	55.3	56.4
55(9)	0.01235	55.3	56.4
52(8)	0.01563	55.3	56.4
59(9)	0.01235	55.3	56.4
64(9)	0.01235	55.3	56.5
59(9)	0.01235	55.3	56.5
61(9)	0.01235	55.3	56.5
65(9)	0.01235	55.3	56.5
54(8)	0.01563	55.3	56.6
62(9)	0.01235	55.3	56.6
81(10)	0.01000	55.3	56.6
63(9)	0.01235	55.3	56.6
56(9)	0.01235	55.3	56.7
59(9)	0.01235	55.3	56.7
65(9)	0.01235	55.3	56.7
80(10)	0.01000	55.3	56.8
72(10)	0.01000	55.3	56.8
61(9)	0.01235	55.3	56.8
71(10)	0.01000	55.3	56.9
59(9)	0.01235	55.3	56.9
81(10)	0.01000	55.3	56.9
67(9)	0.01235	55.3	57.0
58(9)	0.01235	55.3	57.0
84(10)	0.01000	55.3	57.0
51(8)	0.01563	55.3	57.1
87(11)	0.00826	55.3	57.1
52(8)	0.01563	55.3	57.2
70(10)	0.01000	55.3	57.2
68(9)	0.01235	55.3	57.3
57(9)	0.01235	55.3	57.3
77(10)	0.01000	55.3	57.4
45(8)	0.01563	55.3	57.4
72(10)	0.01000	55.3	57.5
76(10)	0.01000	55.3	57.6
62(9)	0.01235	55.3	57.6
80(10)	0.01000	55.3	57.7
83(10)	0.01000	55.3	57.8
64(9)	0.01235	55.3	57.9
63(9)	0.01235	55.3	57.9
64(9)	0.01235	55.3	58.0
69(9)	0.01235	55.3	58.1
80(10)	0.01000	55.3	58.2
60(9)	0.01235	55.3	58.3
57(9)	0.01235	55.3	58.4
78(10)	0.01000	55.3	58.5
65(9)	0.01235	55.3	58.6
69(10)	0.01000	55.3	58.7
73(10)	0.01000	55.3	58.8
63(9)	0.01235	55.3	59.0
65(9)	0.01235	55.3	59.1
63(9)	0.01235	55.3	59.3

47(8)	0.01563	55.3	59.4
71(10)	0.01000	55.3	59.6
52(8)	0.01563	55.3	59.8
56(9)	0.01235	55.3	59.9
61(9)	0.01235	55.3	60.1
45(8)	0.01563	55.3	60.3
77(10)	0.01000	55.3	60.6
56(9)	0.01235	55.3	60.8
64(9)	0.01235	55.3	61.1
67(9)	0.01235	55.3	61.3
74(10)	0.01000	55.3	61.6
70(10)	0.01000	55.3	61.9
89(11)	0.00826	55.3	62.3
63(9)	0.01235	55.3	62.6
66(9)	0.01235	55.3	63.0
65(9)	0.01235	55.3	63.4
56(9)	0.01235	55.3	63.9
65(9)	0.01235	55.3	64.4
79(10)	0.01000	55.3	64.9
69(9)	0.01235	55.3	65.5
80(10)	0.01000	55.3	66.2
73(10)	0.01000	55.3	66.9
66(9)	0.01235	55.3	67.7
62(9)	0.01235	55.3	68.6
78(10)	0.01000	55.3	69.5
61(9)	0.01235	55.3	70.6
83(10)	0.01000	55.3	71.8
90(11)	0.00826	55.3	73.1
72(10)	0.01000	55.3	74.6
70(10)	0.01000	55.3	76.3
95(11)	0.00826	55.3	78.2
82(10)	0.01000	55.3	80.4
94(11)	0.00826	55.3	82.9
75(10)	0.01000	55.3	85.8
88(11)	0.00826	55.3	89.2
82(10)	0.01000	55.3	93.3
95(11)	0.00826	55.3	98.2
122(13)	0.00592	55.3	104.2
129(13)	0.00592	55.3	111.8
122(13)	0.00592	55.3	121.5
141(14)	0.00510	55.3	134.0
140(14)	0.00510	55.3	150.3
168(15)	0.00444	55.3	171.5
204(16)	0.00391	55.3	198.6
239(18)	0.003086	55.3	232.8
267(19)	0.002770	55.3	274.7
284(19)	0.002770	55.3	324.5
354(21)	0.002268	55.3	380.9
401(23)	0.001890	55.3	440.6
459(25)	0.001600	55.3	496.7
509(26)	0.001479	55.3	538.7
571(27)	0.001372	55.3	555.8
491(25)	0.001600	55.3	542.6
489(25)	0.001600	55.3	503.2

410(23)	0.001890	55.3	448.4
356(22)	0.002066	55.3	388.7
318(20)	0.002500	55.3	331.6
250(18)	0.003086	55.3	280.8
236(18)	0.003086	55.3	237.9
187(16)	0.00391	55.3	202.7
164(15)	0.00444	55.3	174.7
152(14)	0.00510	55.3	152.8
146(14)	0.00510	55.3	135.9
106(12)	0.00694	55.3	123.0
111(12)	0.00694	55.3	112.9
110(12)	0.00694	55.3	105.1
105(12)	0.00694	55.3	98.9
136(13)	0.00592	55.3	93.9
109(12)	0.00694	55.3	89.7
75(10)	0.01000	55.3	86.2
78(10)	0.01000	55.3	83.2
88(11)	0.00826	55.3	80.7
74(10)	0.01000	55.3	78.5
78(10)	0.01000	55.3	76.5
67(9)	0.01235	55.3	74.8
73(10)	0.01000	55.3	73.3
78(10)	0.01000	55.3	71.9
61(9)	0.01235	55.3	70.7
79(10)	0.01000	55.3	69.7
75(10)	0.01000	55.3	68.7
75(10)	0.01000	55.3	67.8
76(10)	0.01000	55.3	67.0
73(10)	0.01000	55.3	66.3
70(10)	0.01000	55.3	65.6
60(9)	0.01235	55.3	65.0
65(9)	0.01235	55.3	64.5
65(9)	0.01235	55.3	64.0
61(9)	0.01235	55.3	63.5
60(9)	0.01235	55.3	63.1
54(8)	0.01563	55.3	62.7
73(10)	0.01000	55.3	62.3
64(9)	0.01235	55.3	62.0
59(9)	0.01235	55.3	61.7
71(10)	0.01000	55.3	61.4
57(9)	0.01235	55.3	61.1
74(10)	0.01000	55.3	60.9
61(9)	0.01235	55.3	60.6
69(9)	0.01235	55.3	60.4
54(8)	0.01563	55.3	60.2
59(9)	0.01235	55.3	60.0
76(10)	0.01000	55.3	59.8
67(9)	0.01235	55.3	59.6
72(10)	0.01000	55.3	59.5
69(10)	0.01000	55.3	59.3
65(9)	0.01235	55.3	59.2
56(9)	0.01235	55.3	59.0
53(8)	0.01563	55.3	58.9
53(8)	0.01563	55.3	58.8

56(9)	0.01235	55.3	58.7
57(9)	0.01235	55.3	58.5
58(9)	0.01235	55.3	58.4
65(9)	0.01235	55.3	58.3
60(9)	0.01235	55.3	58.2
65(9)	0.01235	55.3	58.1
59(9)	0.01235	55.3	58.1
58(9)	0.01235	55.3	58.0
53(8)	0.01563	55.3	57.9
72(10)	0.01000	55.4	57.8
57(9)	0.01235	55.4	57.8
57(9)	0.01235	55.4	57.7
50(8)	0.01563	55.4	57.6
70(10)	0.01000	55.4	57.6
79(10)	0.01000	55.4	57.5
57(9)	0.01235	55.4	57.4
52(8)	0.01563	55.4	57.4
75(10)	0.01000	55.4	57.3
75(10)	0.01000	55.4	57.3
61(9)	0.01235	55.4	57.2
79(10)	0.01000	55.4	57.2
69(9)	0.01235	55.4	57.1
55(8)	0.01563	55.4	57.1
67(9)	0.01235	55.4	57.0
58(9)	0.01235	55.4	57.0
64(9)	0.01235	55.4	57.0
54(8)	0.01563	55.4	56.9
66(9)	0.01235	55.4	56.9
53(8)	0.01563	55.4	56.9
71(10)	0.01000	55.4	56.8
62(9)	0.01235	55.4	56.8
57(9)	0.01235	55.4	56.8
57(9)	0.01235	55.4	56.7
66(9)	0.01235	55.4	56.7
74(10)	0.01000	55.4	56.7
62(9)	0.01235	55.4	56.7
72(10)	0.01000	55.4	56.6
71(10)	0.01000	55.4	56.6
59(9)	0.01235	55.4	56.6
50(8)	0.01563	55.4	56.6
48(8)	0.01563	55.4	56.5
71(10)	0.01000	55.4	56.5
62(9)	0.01235	55.4	56.5
53(8)	0.01563	55.4	56.5
59(9)	0.01235	55.4	56.4
51(8)	0.01563	55.4	56.4
71(10)	0.01000	55.4	56.4
62(9)	0.01235	55.4	56.4
63(9)	0.01235	55.4	56.4
48(8)	0.01563	55.4	56.4
72(10)	0.01000	55.4	56.3
66(9)	0.01235	55.4	56.3
62(9)	0.01235	55.4	56.3
57(9)	0.01235	55.4	56.3

68(9)	0.01235	55.4	56.3
75(10)	0.01000	55.4	56.3
56(9)	0.01235	55.4	56.2
67(9)	0.01235	55.4	56.2
59(9)	0.01235	55.4	56.2
63(9)	0.01235	55.4	56.2
74(10)	0.01000	55.4	56.2
66(9)	0.01235	55.4	56.2
75(10)	0.01000	55.4	56.2
58(9)	0.01235	55.4	56.2
57(9)	0.01235	55.4	56.2
70(10)	0.01000	55.4	56.1
64(9)	0.01235	55.4	56.1
44(8)	0.01563	55.4	56.1
65(9)	0.01235	55.4	56.1
58(9)	0.01235	55.4	56.1
55(8)	0.01563	55.4	56.1
71(10)	0.01000	55.4	56.1
59(9)	0.01235	55.4	56.1
66(9)	0.01235	55.4	56.1
43(8)	0.01563	55.4	56.1
54(8)	0.01563	55.4	56.0
57(9)	0.01235	55.4	56.0
67(9)	0.01235	55.4	56.0
83(10)	0.01000	55.4	56.0
54(8)	0.01563	55.4	56.0
73(10)	0.01000	55.4	56.0
54(8)	0.01563	55.4	56.0
50(8)	0.01563	55.4	56.0
61(9)	0.01235	55.4	56.0
68(9)	0.01235	55.4	56.0
52(8)	0.01563	55.4	56.0
61(9)	0.01235	55.4	56.0
74(10)	0.01000	55.4	56.0
53(8)	0.01563	55.4	56.0
70(10)	0.01000	55.4	56.0
66(9)	0.01235	55.4	55.9
48(8)	0.01563	55.4	55.9
82(10)	0.01000	55.5	55.9
49(8)	0.01563	55.5	55.9
65(9)	0.01235	55.5	55.9
64(9)	0.01235	55.5	55.9
72(10)	0.01000	55.5	55.9
72(10)	0.01000	55.5	55.9
57(9)	0.01235	55.5	55.9
60(9)	0.01235	55.5	55.9
62(9)	0.01235	55.5	55.9
75(10)	0.01000	55.5	55.9
60(9)	0.01235	55.5	55.9
48(8)	0.01563	55.5	55.9
49(8)	0.01563	55.5	55.9
64(9)	0.01235	55.5	55.9
49(8)	0.01563	55.5	55.9
76(10)	0.01000	55.5	55.9

68(9)	0.01235	55.5	55.9
49(8)	0.01563	55.5	55.9
66(9)	0.01235	55.5	55.9
63(9)	0.01235	55.5	55.9
60(9)	0.01235	55.5	55.9
75(10)	0.01000	55.5	55.9
64(9)	0.01235	55.5	55.9
64(9)	0.01235	55.5	55.9
70(10)	0.01000	55.5	55.9
58(9)	0.01235	55.5	55.8
58(9)	0.01235	55.5	55.8
81(10)	0.01000	55.5	55.8
59(9)	0.01235	55.5	56.7
57(9)	0.01235	55.5	56.7
49(8)	0.01563	55.5	56.7
63(9)	0.01235	55.5	56.7
58(9)	0.01235	55.5	56.4
56(9)	0.01235	55.5	56.4
71(10)	0.01000	55.5	56.4
67(9)	0.01235	55.5	56.4
71(10)	0.01000	55.5	56.4
60(9)	0.01235	55.5	56.4
54(8)	0.01563	55.5	56.4
53(8)	0.01563	55.5	56.5
56(9)	0.01235	55.5	56.5
73(10)	0.01000	55.5	56.5
67(9)	0.01235	55.5	56.5
57(9)	0.01235	55.5	56.5
63(9)	0.01235	55.5	56.5
66(9)	0.01235	55.5	56.5
68(9)	0.01235	55.5	56.5
62(9)	0.01235	55.5	56.5
52(8)	0.01563	55.5	56.6
63(9)	0.01235	55.5	56.6
77(10)	0.01000	55.5	56.6
58(9)	0.01235	55.5	56.6
71(10)	0.01000	55.5	56.6
70(10)	0.01000	55.5	56.6
58(9)	0.01235	55.5	56.6
69(9)	0.01235	55.5	56.6
70(10)	0.01000	55.5	56.6
58(9)	0.01235	55.5	56.7
82(10)	0.01000	55.5	56.7
39(7)	0.02041	55.6	56.7
61(9)	0.01235	55.6	56.7
50(8)	0.01563	55.6	56.7
54(8)	0.01563	55.6	56.7
71(10)	0.01000	55.6	56.7
52(8)	0.01563	55.6	56.8
61(9)	0.01235	55.6	56.8
60(9)	0.01235	55.6	56.8
64(9)	0.01235	55.6	56.8
72(10)	0.01000	55.6	56.8
68(9)	0.01235	55.6	56.8

56(9)	0.01235	55.6	56.9
58(9)	0.01235	55.6	56.9
47(8)	0.01563	55.6	56.9
56(9)	0.01235	55.6	56.9
59(9)	0.01235	55.6	56.9
62(9)	0.01235	55.6	56.9
63(9)	0.01235	55.6	56.9
49(8)	0.01563	55.6	57.0
62(9)	0.01235	55.6	57.0
59(9)	0.01235	55.6	57.0
64(9)	0.01235	55.6	57.0
66(9)	0.01235	55.6	57.0
65(9)	0.01235	55.6	57.1
68(9)	0.01235	55.6	57.1
57(9)	0.01235	55.6	57.1
60(9)	0.01235	55.6	57.1
61(9)	0.01235	55.6	57.1
67(9)	0.01235	55.6	57.2
76(10)	0.01000	55.6	57.2
61(9)	0.01235	55.6	57.2
87(11)	0.00826	55.6	57.2
67(9)	0.01235	55.6	57.2
55(8)	0.01563	55.6	57.3
52(8)	0.01563	55.6	57.3
40(7)	0.02041	55.6	57.3
58(9)	0.01235	55.6	57.3
61(9)	0.01235	55.6	57.4
54(8)	0.01563	55.6	57.4
56(9)	0.01235	55.6	57.4
63(9)	0.01235	55.6	57.4
64(9)	0.01235	55.6	57.5
66(9)	0.01235	55.6	57.5
73(10)	0.01000	55.6	57.5
75(10)	0.01000	55.6	57.5
73(10)	0.01000	55.6	57.6
67(9)	0.01235	55.6	57.6
55(8)	0.01563	55.6	57.6
72(10)	0.01000	55.6	57.6
77(10)	0.01000	55.6	57.7
54(8)	0.01563	55.6	57.7
51(8)	0.01563	55.7	57.7
55(8)	0.01563	55.7	57.8
60(9)	0.01235	55.7	57.8
55(8)	0.01563	55.7	57.8
50(8)	0.01563	55.7	57.9
62(9)	0.01235	55.7	57.9
77(10)	0.01000	55.7	57.9
60(9)	0.01235	55.7	58.0
65(9)	0.01235	55.7	58.0
70(10)	0.01000	55.7	58.0
63(9)	0.01235	55.7	58.1
63(9)	0.01235	55.7	58.1
76(10)	0.01000	55.7	58.2
68(9)	0.01235	55.7	58.2

73(10)	0.01000	55.7	58.2
69(9)	0.01235	55.7	58.3
56(9)	0.01235	55.7	58.3
59(9)	0.01235	55.7	58.4
69(9)	0.01235	55.7	58.4
75(10)	0.01000	55.7	58.5
73(10)	0.01000	55.7	58.5
71(10)	0.01000	55.7	58.6
50(8)	0.01563	55.7	58.6
44(8)	0.01563	55.7	58.7
63(9)	0.01235	55.7	58.7
66(9)	0.01235	55.7	58.8
61(9)	0.01235	55.7	58.8
77(10)	0.01000	55.7	58.9
50(8)	0.01563	55.7	58.9
69(9)	0.01235	55.7	59.0
73(10)	0.01000	55.7	59.0
73(10)	0.01000	55.7	59.1
59(9)	0.01235	55.7	59.2
66(9)	0.01235	55.7	59.2
62(9)	0.01235	55.7	59.3
68(9)	0.01235	55.7	59.4
40(7)	0.02041	55.7	59.4
58(9)	0.01235	55.7	59.5
72(10)	0.01000	55.7	59.6
62(9)	0.01235	55.7	59.7
52(8)	0.01563	55.7	59.7
59(9)	0.01235	55.7	59.8
58(9)	0.01235	55.7	59.9
55(8)	0.01563	55.7	60.0
73(10)	0.01000	55.7	60.1
65(9)	0.01235	55.7	60.2
84(10)	0.01000	55.8	60.3
60(9)	0.01235	55.8	60.4
50(8)	0.01563	55.8	60.5
60(9)	0.01235	55.8	60.6
62(9)	0.01235	55.8	60.7
57(9)	0.01235	55.8	60.8
64(9)	0.01235	55.8	60.9
73(10)	0.01000	55.8	61.0
81(10)	0.01000	55.8	61.1
79(10)	0.01000	55.8	61.2
65(9)	0.01235	55.8	61.4
68(9)	0.01235	55.8	61.5
65(9)	0.01235	55.8	61.6
61(9)	0.01235	55.8	61.8
61(9)	0.01235	55.8	61.9
76(10)	0.01000	55.8	62.1
65(9)	0.01235	55.8	62.2
82(10)	0.01000	55.8	62.4
56(9)	0.01235	55.8	62.6
64(9)	0.01235	55.8	62.7
57(9)	0.01235	55.8	62.9
61(9)	0.01235	55.8	63.1

56(8)	0.01563	55.8	63.3
61(9)	0.01235	55.8	63.5
59(9)	0.01235	55.8	63.7
65(9)	0.01235	55.8	63.9
73(10)	0.01000	55.8	64.2
86(11)	0.00826	55.8	64.4
72(10)	0.01000	55.8	64.7
69(9)	0.01235	55.8	64.9
74(10)	0.01000	55.8	65.2
75(10)	0.01000	55.8	65.5
74(10)	0.01000	55.8	65.8
65(9)	0.01235	55.8	66.1
63(9)	0.01235	55.8	66.4
64(9)	0.01235	55.8	66.7
64(9)	0.01235	55.8	67.1
72(10)	0.01000	55.8	67.5
68(9)	0.01235	55.8	67.8
75(10)	0.01000	55.8	68.3
59(9)	0.01235	55.8	68.7
68(9)	0.01235	55.8	69.1
88(11)	0.00826	55.8	69.6
61(9)	0.01235	55.9	70.1
72(10)	0.01000	55.9	70.7
69(9)	0.01235	55.9	71.2
64(9)	0.01235	55.9	71.8
61(9)	0.01235	55.9	72.4
62(9)	0.01235	55.9	73.1
51(8)	0.01563	55.9	73.8
65(9)	0.01235	55.9	74.6
87(11)	0.00826	55.9	75.4
79(10)	0.01000	55.9	76.2
80(10)	0.01000	55.9	77.1
59(9)	0.01235	55.9	78.1
70(10)	0.01000	55.9	79.1
62(9)	0.01235	55.9	80.2
66(9)	0.01235	55.9	81.4
71(10)	0.01000	55.9	82.7
80(10)	0.01000	55.9	84.1
79(10)	0.01000	55.9	85.5
86(11)	0.00826	55.9	87.1
82(10)	0.01000	55.9	88.9
76(10)	0.01000	55.9	90.7
92(11)	0.00826	55.9	92.8
72(10)	0.01000	55.9	95.0
76(10)	0.01000	55.9	97.4
99(11)	0.00826	55.9	100.0
82(10)	0.01000	55.9	102.9
80(10)	0.01000	55.9	106.1
110(12)	0.00694	55.9	109.6
107(12)	0.00694	55.9	113.5
123(13)	0.00592	55.9	117.8
112(12)	0.00694	55.9	122.6
120(12)	0.00694	55.9	128.0
137(13)	0.00592	55.9	134.0

128(13)	0.00592	55.9	140.9
148(14)	0.00510	55.9	148.7
146(14)	0.00510	55.9	157.8
158(14)	0.00510	55.9	168.4
185(15)	0.00444	55.9	180.9
213(17)	0.003460	55.9	195.8
219(17)	0.003460	55.9	213.9
239(17)	0.003460	55.9	236.0
261(18)	0.003086	56.0	263.2
274(19)	0.002770	56.0	296.9
373(22)	0.002066	56.0	338.5
394(22)	0.002066	56.0	389.6
441(24)	0.001736	56.0	451.8
570(27)	0.001372	56.0	526.5
598(28)	0.001276	56.0	614.8
750(31)	0.001041	56.0	717.0
865(33)	0.000918	56.0	831.9
1092(37)	0.000730	56.	956.
1192(39)	0.000657	56.	1084.
1395(42)	0.000567	56.	1203.
1544(44)	0.000517	56.	1298.
1727(47)	0.000453	56.	1353.
1738(47)	0.000453	56.	1357.
1696(47)	0.000453	56.	1308.
1555(44)	0.000517	56.	1216.
1391(42)	0.000567	56.	1099.
1210(39)	0.000657	56.	972.
1031(36)	0.000772	56.	847.
859(33)	0.000918	56.0	730.9
719(30)	0.001111	56.0	627.0
567(27)	0.001372	56.0	537.0
542(26)	0.001479	56.0	460.6
426(23)	0.001890	56.0	396.9
375(22)	0.002066	56.0	344.5
324(20)	0.002500	56.0	301.8
322(20)	0.002500	56.0	267.2
241(18)	0.003086	56.0	239.2
248(18)	0.003086	56.0	216.5
246(18)	0.003086	56.0	198.0
206(16)	0.00391	56.0	182.7
203(16)	0.00391	56.0	169.9
169(15)	0.00444	56.0	159.1
150(14)	0.00510	56.0	149.9
164(14)	0.00510	56.0	141.9
126(13)	0.00592	56.0	135.0
128(13)	0.00592	56.0	128.8
149(14)	0.00510	56.0	123.3
144(14)	0.00510	56.0	118.5
133(13)	0.00592	56.1	114.1
111(12)	0.00694	56.1	110.2
104(12)	0.00694	56.1	106.6
83(10)	0.01000	56.1	103.4
92(11)	0.00826	56.1	100.5
88(11)	0.00826	56.1	97.8

130(13)	0.00592	56.1	95.4
97(11)	0.00826	56.1	93.2
73(10)	0.01000	56.1	91.1
103(11)	0.00826	56.1	89.3
88(11)	0.00826	56.1	87.5
94(11)	0.00826	56.1	85.9
110(12)	0.00694	56.1	84.4
102(11)	0.00826	56.1	83.1
66(9)	0.01235	56.1	81.9
80(10)	0.01000	56.1	80.7
73(10)	0.01000	56.1	79.6
73(10)	0.01000	56.1	78.6
96(11)	0.00826	56.1	77.6
56(8)	0.01563	56.1	76.7
70(9)	0.01235	56.1	75.9
67(9)	0.01235	56.1	75.1
90(11)	0.00826	56.1	74.3
74(10)	0.01000	56.1	73.6
75(10)	0.01000	56.1	72.9
82(10)	0.01000	56.1	72.3
82(10)	0.01000	56.1	71.7
57(9)	0.01235	56.1	71.2
71(9)	0.01235	56.1	70.6
70(9)	0.01235	56.1	70.1
75(10)	0.01000	56.1	69.7
74(10)	0.01000	56.1	69.2
75(10)	0.01000	56.1	68.8
64(9)	0.01235	56.1	68.4
69(9)	0.01235	56.1	68.0
67(9)	0.01235	56.1	67.6
62(9)	0.01235	56.1	67.3
57(9)	0.01235	56.1	66.9
46(8)	0.01563	56.1	66.6
77(10)	0.01000	56.1	66.3
52(8)	0.01563	56.2	66.0
60(9)	0.01235	56.2	65.7
70(10)	0.01000	56.2	65.5
62(9)	0.01235	56.2	65.2
62(9)	0.01235	56.2	65.0
71(10)	0.01000	56.2	64.7
81(10)	0.01000	56.2	64.5
79(10)	0.01000	56.2	64.3
55(8)	0.01563	56.2	64.1
66(9)	0.01235	56.2	63.9
78(10)	0.01000	56.2	63.7
72(10)	0.01000	56.2	63.5
59(9)	0.01235	56.2	63.4
79(10)	0.01000	56.2	63.2
55(8)	0.01563	56.2	63.0
58(9)	0.01235	56.2	62.9
51(8)	0.01563	56.2	62.7
59(9)	0.01235	56.2	62.6
69(9)	0.01235	56.2	62.5
66(9)	0.01235	56.2	62.3

48(8)	0.01563	56.2	62.2
50(8)	0.01563	56.2	62.1
53(8)	0.01563	56.2	62.0
79(10)	0.01000	56.2	61.8
56(8)	0.01563	56.2	61.7
70(9)	0.01235	56.2	61.6
75(10)	0.01000	56.2	61.5
72(10)	0.01000	56.2	61.4
65(9)	0.01235	56.2	61.3
62(9)	0.01235	56.2	61.2
60(9)	0.01235	56.2	61.1
51(8)	0.01563	56.2	61.1
49(8)	0.01563	56.2	61.0
46(8)	0.01563	56.2	60.9
62(9)	0.01235	56.2	60.8
65(9)	0.01235	56.2	60.7
58(9)	0.01235	56.2	60.7
72(10)	0.01000	56.2	60.6
59(9)	0.01235	56.2	60.5
67(9)	0.01235	56.3	60.5
73(10)	0.01000	56.3	60.4
76(10)	0.01000	56.3	60.3
74(10)	0.01000	56.3	60.3
55(8)	0.01563	56.3	60.2
79(10)	0.01000	56.3	60.2
65(9)	0.01235	56.3	60.1
66(9)	0.01235	56.3	60.1
51(8)	0.01563	56.3	60.0
63(9)	0.01235	56.3	60.3
51(8)	0.01563	56.3	60.3
55(8)	0.01563	56.3	60.3
58(9)	0.01235	56.3	60.2
76(10)	0.01000	56.3	60.2
66(9)	0.01235	56.3	60.2
65(9)	0.01235	56.3	60.1
79(10)	0.01000	56.3	60.1
75(10)	0.01000	56.3	60.1
63(9)	0.01235	56.3	60.0
74(10)	0.01000	56.3	60.0
66(9)	0.01235	56.3	60.0
55(8)	0.01563	56.3	60.0
56(9)	0.01235	56.3	59.9
52(8)	0.01563	56.3	59.9
64(9)	0.01235	56.3	59.9
65(9)	0.01235	56.3	59.9
57(9)	0.01235	56.3	59.9
76(10)	0.01000	56.3	59.8
67(9)	0.01235	56.3	59.8
70(9)	0.01235	56.3	59.8
63(9)	0.01235	56.3	59.8
53(8)	0.01563	56.3	59.8
76(10)	0.01000	56.3	59.8
59(9)	0.01235	56.3	59.8
60(9)	0.01235	56.3	59.8

51(8)	0.01563	56.3	59.8
67(9)	0.01235	56.3	59.8
61(9)	0.01235	56.3	59.7
62(9)	0.01235	56.3	59.7
63(9)	0.01235	56.3	59.7
79(10)	0.01000	56.4	59.7
59(9)	0.01235	56.4	59.8
77(10)	0.01000	56.4	59.8
66(9)	0.01235	56.4	59.8
70(9)	0.01235	56.4	59.8
65(9)	0.01235	56.4	59.8
53(8)	0.01563	56.4	59.8
75(10)	0.01000	56.4	59.8
49(8)	0.01563	56.4	59.8
62(9)	0.01235	56.4	59.8
79(10)	0.01000	56.4	59.9
58(9)	0.01235	56.4	59.9
60(9)	0.01235	56.4	59.9
58(9)	0.01235	56.4	59.9
59(9)	0.01235	56.4	60.0
77(10)	0.01000	56.4	60.0
66(9)	0.01235	56.4	60.0
69(9)	0.01235	56.4	60.1
74(10)	0.01000	56.4	60.1
52(8)	0.01563	56.4	60.1
85(10)	0.01000	56.4	60.2
70(9)	0.01235	56.4	60.2
50(8)	0.01563	56.4	60.3
54(8)	0.01563	56.4	60.3
58(9)	0.01235	56.4	60.4
69(9)	0.01235	56.4	60.5
75(10)	0.01000	56.4	60.5
75(10)	0.01000	56.4	60.6
63(9)	0.01235	56.4	60.7
70(9)	0.01235	56.4	60.8
48(8)	0.01563	56.4	60.9
77(10)	0.01000	56.4	60.9
49(8)	0.01563	56.4	61.1
58(9)	0.01235	56.4	61.2
63(9)	0.01235	56.4	61.3
62(9)	0.01235	56.4	61.4
81(10)	0.01000	56.4	61.5
62(9)	0.01235	56.4	61.7
58(9)	0.01235	56.4	61.9
60(9)	0.01235	56.4	62.0
77(10)	0.01000	56.5	62.2
66(9)	0.01235	56.5	62.4
49(8)	0.01563	56.5	62.6
64(9)	0.01235	56.5	62.9
54(8)	0.01563	56.5	63.1
60(9)	0.01235	56.5	63.4
87(11)	0.00826	56.5	63.7
70(9)	0.01235	56.5	64.1
60(9)	0.01235	56.5	64.4

87(11)	0.00826	56.5	64.9
74(10)	0.01000	56.5	65.3
53(8)	0.01563	56.5	65.8
56(8)	0.01563	56.5	66.4
62(9)	0.01235	56.5	67.0
75(10)	0.01000	56.5	67.8
78(10)	0.01000	56.5	68.6
81(10)	0.01000	56.5	69.5
83(10)	0.01000	56.5	70.6
86(10)	0.01000	56.5	71.9
77(10)	0.01000	56.5	73.4
79(10)	0.01000	56.5	75.3
92(11)	0.00826	56.5	77.6
100(11)	0.00826	56.5	80.5
102(11)	0.00826	56.5	84.1
87(11)	0.00826	56.5	88.7
109(12)	0.00694	56.5	94.5
121(12)	0.00694	56.5	101.6
141(13)	0.00592	56.5	110.4
135(13)	0.00592	56.5	121.1
153(14)	0.00510	56.5	133.6
165(14)	0.00510	56.5	148.0
183(15)	0.00444	56.5	164.0
193(16)	0.00391	56.5	180.9
213(16)	0.00391	56.5	197.4
221(17)	0.003460	56.5	211.7
293(19)	0.002770	56.5	221.5
262(18)	0.003086	56.5	224.8
266(18)	0.003086	56.5	221.0
241(17)	0.003460	56.5	210.7
251(18)	0.003086	56.5	196.2
210(16)	0.00391	56.6	178.9
210(16)	0.00391	56.6	162.2
172(15)	0.00444	56.6	146.5
136(13)	0.00592	56.6	132.3
125(13)	0.00592	56.6	120.1
127(13)	0.00592	56.6	109.8
116(12)	0.00694	56.6	101.3
113(12)	0.00694	56.6	94.4
106(12)	0.00694	56.6	88.9
104(12)	0.00694	56.6	84.6
98(11)	0.00826	56.6	81.2
65(9)	0.01235	56.6	78.5
88(11)	0.00826	56.6	76.4
76(10)	0.01000	56.6	74.7
67(9)	0.01235	56.6	73.4
86(10)	0.01000	56.6	72.3
90(11)	0.00826	56.6	71.4
84(10)	0.01000	56.6	70.7
72(10)	0.01000	56.6	70.1
67(9)	0.01235	56.6	69.6
65(9)	0.01235	56.6	69.2
71(9)	0.01235	56.6	68.8
63(9)	0.01235	56.6	68.6

67(9)	0.01235	56.6	68.4
74(10)	0.01000	56.6	68.2
89(11)	0.00826	56.6	68.1
68(9)	0.01235	56.6	68.1
61(9)	0.01235	56.6	68.1
62(9)	0.01235	56.6	68.2
73(10)	0.01000	56.6	68.3
53(8)	0.01563	56.6	68.4
58(9)	0.01235	56.6	68.7
75(10)	0.01000	56.6	68.9
67(9)	0.01235	56.6	69.2
73(10)	0.01000	56.6	69.6
75(10)	0.01000	56.6	70.0
64(9)	0.01235	56.6	70.4
94(11)	0.00826	56.6	71.0
68(9)	0.01235	56.6	71.6
87(10)	0.01000	56.6	72.3
100(11)	0.00826	56.6	73.0
77(10)	0.01000	56.6	73.9
84(10)	0.01000	56.6	74.8
69(9)	0.01235	56.7	75.9
81(10)	0.01000	56.7	77.1
100(11)	0.00826	56.7	78.5
91(11)	0.00826	56.7	80.0
89(11)	0.00826	56.7	81.8
89(11)	0.00826	56.7	83.8
96(11)	0.00826	56.7	86.1
112(12)	0.00694	56.7	88.8
106(12)	0.00694	56.7	92.0
124(13)	0.00592	56.7	95.7
125(13)	0.00592	56.7	100.3
130(13)	0.00592	56.7	106.0
139(13)	0.00592	56.7	113.0
150(14)	0.00510	56.7	121.8
157(14)	0.00510	56.7	132.9
169(15)	0.00444	56.7	146.9
207(16)	0.00391	56.7	164.4
216(17)	0.003460	56.7	186.0
233(17)	0.003460	56.7	212.2
258(18)	0.003086	56.7	243.4
308(20)	0.002500	56.7	279.7
362(21)	0.002268	56.7	320.7
358(21)	0.002268	56.7	365.0
429(23)	0.001890	56.7	410.2
435(24)	0.001736	56.7	452.5
534(26)	0.001479	56.7	486.3
480(25)	0.001600	56.7	505.7
505(25)	0.001600	56.7	506.6
526(26)	0.001479	56.7	488.9
402(23)	0.001890	56.7	456.2
459(24)	0.001736	56.7	414.5
376(22)	0.002066	56.7	369.3
316(20)	0.002500	56.7	324.7
295(19)	0.002770	56.7	283.4

282(19)	0.002770	56.7	246.5
227(17)	0.003460	56.7	214.7
213(16)	0.00391	56.7	188.0
210(16)	0.00391	56.7	165.9
168(15)	0.00444	56.7	148.0
171(15)	0.00444	56.7	133.6
151(14)	0.00510	56.7	122.2
131(13)	0.00592	56.7	113.1
153(14)	0.00510	56.7	105.9
126(13)	0.00592	56.8	100.1
109(12)	0.00694	56.8	95.4
121(12)	0.00694	56.8	91.4
139(13)	0.00592	56.8	88.2
97(11)	0.00826	56.8	85.4
98(11)	0.00826	56.8	83.0
108(12)	0.00694	56.8	80.9
106(12)	0.00694	56.8	79.0
96(11)	0.00826	56.8	77.4
97(11)	0.00826	56.8	75.9
103(11)	0.00826	56.8	74.6
90(11)	0.00826	56.8	73.4
81(10)	0.01000	56.8	72.3
86(10)	0.01000	56.8	71.4
80(10)	0.01000	56.8	70.5
71(9)	0.01235	56.8	69.7
77(10)	0.01000	56.8	68.9
67(9)	0.01235	56.8	68.3
86(10)	0.01000	56.8	67.6
80(10)	0.01000	56.8	67.1
77(10)	0.01000	56.8	66.6
70(9)	0.01235	56.8	66.1
71(10)	0.01000	56.8	65.6
71(9)	0.01235	56.8	65.2
72(10)	0.01000	56.8	64.8
64(9)	0.01235	56.8	64.5
82(10)	0.01000	56.8	64.1
62(9)	0.01235	56.8	63.8
74(10)	0.01000	56.8	63.5
73(10)	0.01000	56.8	63.2
68(9)	0.01235	56.8	63.0
76(10)	0.01000	56.8	62.7
68(9)	0.01235	56.8	62.5
53(8)	0.01563	56.8	62.3
65(9)	0.01235	56.8	62.5
65(9)	0.01235	56.8	62.3
54(8)	0.01563	56.8	62.1
68(9)	0.01235	56.8	62.0
50(8)	0.01563	56.8	61.8
68(9)	0.01235	56.8	61.7
69(9)	0.01235	56.8	61.5
68(9)	0.01235	56.8	61.4
63(9)	0.01235	56.8	61.3
63(9)	0.01235	56.8	61.1
55(8)	0.01563	56.8	61.0

63(9)	0.01235	56.8	60.9
57(8)	0.01563	56.8	60.8
56(8)	0.01563	56.9	60.7
66(9)	0.01235	56.9	60.6
58(9)	0.01235	56.9	60.5
57(9)	0.01235	56.9	60.4
61(9)	0.01235	56.9	60.4
74(10)	0.01000	56.9	60.3
61(9)	0.01235	56.9	60.2
83(10)	0.01000	56.9	60.1
62(9)	0.01235	56.9	60.1
61(9)	0.01235	56.9	60.0
54(8)	0.01563	56.9	59.9
66(9)	0.01235	56.9	59.9
71(9)	0.01235	56.9	59.8
76(10)	0.01000	56.9	59.8
59(9)	0.01235	56.9	59.7
70(9)	0.01235	56.9	59.7
67(9)	0.01235	56.9	59.6
74(10)	0.01000	56.9	59.6
64(9)	0.01235	56.9	59.5
60(9)	0.01235	56.9	59.5
53(8)	0.01563	56.9	59.5
62(9)	0.01235	56.9	59.4
35(7)	0.02041	56.9	59.4
57(9)	0.01235	56.9	59.4
57(9)	0.01235	56.9	59.3
68(9)	0.01235	56.9	59.3
56(8)	0.01563	56.9	59.3
76(10)	0.01000	56.9	59.2
64(9)	0.01235	56.9	59.2
63(9)	0.01235	56.9	59.2
76(10)	0.01000	56.9	59.2
52(8)	0.01563	56.9	59.1
64(9)	0.01235	56.9	59.1
74(10)	0.01000	56.9	59.1
63(9)	0.01235	56.9	59.1
56(8)	0.01563	56.9	59.0
71(9)	0.01235	56.9	59.0
55(8)	0.01563	56.9	59.0
65(9)	0.01235	56.9	59.0
69(9)	0.01235	56.9	59.0
62(9)	0.01235	56.9	59.0
61(9)	0.01235	56.9	58.9
62(9)	0.01235	56.9	58.9
65(9)	0.01235	56.9	58.9
64(9)	0.01235	56.9	58.8
50(8)	0.01563	56.9	58.8
61(9)	0.01235	56.9	58.8
62(9)	0.01235	56.9	58.7
71(9)	0.01235	56.9	58.7
53(8)	0.01563	56.9	58.7
59(9)	0.01235	57.0	58.7
66(9)	0.01235	57.0	58.7

63(9)	0.01235	57.0	58.7
74(10)	0.01000	57.0	58.7
57(8)	0.01563	57.0	58.7
56(8)	0.01563	57.0	58.7
60(9)	0.01235	57.0	58.7
70(9)	0.01235	57.0	58.7
60(9)	0.01235	57.0	58.7
59(9)	0.01235	57.0	58.7
65(9)	0.01235	57.0	58.7
52(8)	0.01563	57.0	58.7
56(8)	0.01563	57.0	58.7
77(10)	0.01000	57.0	58.7
76(10)	0.01000	57.0	58.7
68(9)	0.01235	57.0	58.7
55(8)	0.01563	57.0	58.7
65(9)	0.01235	57.0	58.7
52(8)	0.01563	57.0	58.7
49(8)	0.01563	57.0	58.7
57(8)	0.01563	57.0	58.7
62(9)	0.01235	57.0	58.7
56(8)	0.01563	57.0	58.7
77(10)	0.01000	57.0	58.7
67(9)	0.01235	57.0	58.7
71(10)	0.01000	57.0	58.7
69(9)	0.01235	57.0	58.8
75(10)	0.01000	57.0	58.8
59(9)	0.01235	57.0	58.8
65(9)	0.01235	57.0	59.4
63(9)	0.01235	57.0	59.4
60(9)	0.01235	57.0	59.4
82(10)	0.01000	57.0	59.4
71(9)	0.01235	57.0	59.5
60(9)	0.01235	57.0	59.5
75(10)	0.01000	57.0	59.5
78(10)	0.01000	57.0	59.5
54(8)	0.01563	57.0	59.5
65(9)	0.01235	57.0	59.6
57(8)	0.01563	57.0	59.6
55(8)	0.01563	57.0	59.6
57(9)	0.01235	57.0	59.6
67(9)	0.01235	57.0	59.7
58(9)	0.01235	57.0	59.7
61(9)	0.01235	57.0	59.7
56(8)	0.01563	57.0	59.7
61(9)	0.01235	57.0	59.8
48(8)	0.01563	57.0	59.8
68(9)	0.01235	57.0	59.8
59(9)	0.01235	57.0	59.8
59(9)	0.01235	57.0	59.9
61(9)	0.01235	57.0	59.9
67(9)	0.01235	57.0	59.9
89(11)	0.00826	57.0	60.0
70(9)	0.01235	57.0	60.0
68(9)	0.01235	57.1	60.1

64(9)	0.01235	57.1	60.1
64(9)	0.01235	57.1	60.1
64(9)	0.01235	57.1	60.2
68(9)	0.01235	57.1	60.2
48(8)	0.01563	57.1	60.2
67(9)	0.01235	57.1	60.3
56(8)	0.01563	57.1	60.3
71(9)	0.01235	57.1	60.4
66(9)	0.01235	57.1	60.4
78(10)	0.01000	57.1	60.5
68(9)	0.01235	57.1	60.5
60(9)	0.01235	57.1	60.2
77(10)	0.01000	57.1	60.2
63(9)	0.01235	57.1	60.3
69(9)	0.01235	57.1	60.4
54(8)	0.01563	57.1	60.4
59(9)	0.01235	57.1	60.5
70(9)	0.01235	57.1	60.6
71(10)	0.01000	57.1	60.6
64(9)	0.01235	57.1	60.7
69(9)	0.01235	57.1	60.8
65(9)	0.01235	57.1	60.9
59(9)	0.01235	57.1	60.9
70(9)	0.01235	57.1	61.0
61(9)	0.01235	57.1	61.1
64(9)	0.01235	57.1	61.2
51(8)	0.01563	57.1	61.3
78(10)	0.01000	57.1	61.4
77(10)	0.01000	57.1	61.5
80(10)	0.01000	57.1	61.6
76(10)	0.01000	57.1	61.7
55(8)	0.01563	57.1	61.8
76(10)	0.01000	57.1	61.9
71(9)	0.01235	57.1	62.0
73(10)	0.01000	57.1	62.1
61(9)	0.01235	57.1	62.2
49(8)	0.01563	57.1	62.4
74(10)	0.01000	57.1	62.5
71(9)	0.01235	57.1	63.0
74(10)	0.01000	57.1	63.1
76(10)	0.01000	57.1	63.3
51(8)	0.01563	57.1	63.4
66(9)	0.01235	57.1	63.6
65(9)	0.01235	57.1	63.8
74(10)	0.01000	57.1	64.0
63(9)	0.01235	57.1	64.1
64(9)	0.01235	57.1	64.3
52(8)	0.01563	57.1	64.5
67(9)	0.01235	57.1	64.8
71(9)	0.01235	57.1	65.1
62(9)	0.01235	57.1	65.4
75(10)	0.01000	57.1	65.6
59(9)	0.01235	57.1	65.9
67(9)	0.01235	57.1	66.2

74(10)	0.01000	57.1	66.5
83(10)	0.01000	57.1	66.8
62(9)	0.01235	57.1	67.1
70(9)	0.01235	57.1	67.4
65(9)	0.01235	57.1	67.8
65(9)	0.01235	57.1	68.2
61(9)	0.01235	57.1	68.6
66(9)	0.01235	57.1	69.0
60(9)	0.01235	57.1	69.4
63(9)	0.01235	57.2	69.9
62(9)	0.01235	57.2	70.4
75(10)	0.01000	57.2	71.0
71(9)	0.01235	57.2	71.6
58(9)	0.01235	57.2	72.2
66(9)	0.01235	57.2	72.9
53(8)	0.01563	57.2	73.6
70(9)	0.01235	57.2	74.4
65(9)	0.01235	57.2	75.2
94(11)	0.00826	57.2	76.1
55(8)	0.01563	57.2	77.1
92(11)	0.00826	57.2	78.1
63(9)	0.01235	57.2	79.3
74(10)	0.01000	57.2	80.5
90(11)	0.00826	57.2	81.9
82(10)	0.01000	57.2	83.4
69(9)	0.01235	57.2	85.0
79(10)	0.01000	57.2	86.8
87(10)	0.01000	57.2	88.8
94(11)	0.00826	57.2	91.0
93(11)	0.00826	57.2	93.5
83(10)	0.01000	57.2	96.4
97(11)	0.00826	57.2	99.6
98(11)	0.00826	57.2	103.3
116(12)	0.00694	57.2	107.6
81(10)	0.01000	57.2	112.6
121(12)	0.00694	57.2	118.6
105(12)	0.00694	57.2	125.8
149(14)	0.00510	57.2	134.5
135(13)	0.00592	57.2	144.9
158(14)	0.00510	57.2	157.6
146(14)	0.00510	57.2	172.9
147(14)	0.00510	57.2	191.3
214(16)	0.00391	57.2	213.2
193(16)	0.00391	57.2	239.0
229(17)	0.003460	57.2	268.9
270(18)	0.003086	57.2	303.2
322(20)	0.002500	57.2	341.4
393(22)	0.002066	57.2	383.2
365(21)	0.002268	57.2	427.0
409(23)	0.001890	57.2	470.8
440(24)	0.001736	57.2	511.3
501(25)	0.001600	57.2	544.2
523(26)	0.001479	57.2	565.0
568(27)	0.001372	57.2	570.5

576(27)	0.001372	57.2	559.7
483(25)	0.001600	57.2	534.4
509(25)	0.001600	57.2	498.6
463(24)	0.001736	57.2	456.8
419(23)	0.001890	57.2	412.8
345(21)	0.002268	57.2	369.7
313(20)	0.002500	57.2	329.3
265(18)	0.003086	57.2	292.6
223(17)	0.003460	57.2	260.0
208(16)	0.00391	57.2	231.7
185(15)	0.00444	57.2	207.5
172(15)	0.00444	57.2	187.1
163(14)	0.00510	57.2	170.1
152(14)	0.00510	57.2	155.9
135(13)	0.00592	57.2	144.3
128(13)	0.00592	57.2	134.7
133(13)	0.00592	57.2	126.9
115(12)	0.00694	57.2	120.4
117(12)	0.00694	57.2	115.0
99(11)	0.00826	57.2	110.5
109(12)	0.00694	57.2	106.7
116(12)	0.00694	57.2	103.4
91(11)	0.00826	57.2	100.6
77(10)	0.01000	57.2	98.2
88(11)	0.00826	57.2	96.1
80(10)	0.01000	57.2	94.3
93(11)	0.00826	57.2	92.6
72(10)	0.01000	57.2	91.2
82(10)	0.01000	57.2	90.0
76(10)	0.01000	57.2	88.9
84(10)	0.01000	57.2	87.9
88(11)	0.00826	57.2	91.1
85(10)	0.01000	57.2	90.4
77(10)	0.01000	57.2	89.8
85(10)	0.01000	57.2	89.3
93(11)	0.00826	57.3	88.9
86(10)	0.01000	57.3	88.6
79(10)	0.01000	57.3	88.3
92(11)	0.00826	57.3	88.2
84(10)	0.01000	57.3	88.1
82(10)	0.01000	57.3	88.1
76(10)	0.01000	57.3	88.1
75(10)	0.01000	57.3	88.2
78(10)	0.01000	57.3	88.4
88(11)	0.00826	57.3	88.7
80(10)	0.01000	57.3	89.0
86(10)	0.01000	57.3	89.4
83(10)	0.01000	57.3	89.8
94(11)	0.00826	57.3	90.4
103(11)	0.00826	57.3	90.9
92(11)	0.00826	57.3	91.6
90(11)	0.00826	57.3	92.4
94(11)	0.00826	57.3	93.2
96(11)	0.00826	57.3	94.2

91(11)	0.00826	57.3	95.2
114(12)	0.00694	57.3	96.3
98(11)	0.00826	57.3	97.6
90(11)	0.00826	57.3	99.0
111(12)	0.00694	57.3	100.5
86(10)	0.01000	57.3	102.1
98(11)	0.00826	57.3	104.0
115(12)	0.00694	57.3	106.0
110(12)	0.00694	57.3	108.2
116(12)	0.00694	57.3	110.7
105(11)	0.00826	57.3	113.4
98(11)	0.00826	57.3	116.4
148(14)	0.00510	57.3	119.8
123(12)	0.00694	57.3	123.5
151(14)	0.00510	57.3	127.8
142(13)	0.00592	57.3	132.6
142(13)	0.00592	57.3	138.2
171(15)	0.00444	57.3	144.6
184(15)	0.00444	57.3	152.0
185(15)	0.00444	57.3	160.9
203(16)	0.00391	57.3	171.4
208(16)	0.00391	57.3	187.5
246(18)	0.003086	57.3	202.6
282(19)	0.002770	57.3	220.9
294(19)	0.002770	57.3	242.8
293(19)	0.002770	57.3	269.0
322(20)	0.002500	57.3	300.2
377(22)	0.002066	57.3	336.9
450(24)	0.001736	57.3	379.5
457(24)	0.001736	57.3	428.3
553(26)	0.001479	57.3	483.2
639(28)	0.001276	57.3	543.4
651(29)	0.001189	57.3	607.7
802(32)	0.000977	57.3	673.4
801(32)	0.000977	57.3	736.6
956(35)	0.000816	57.3	791.8
967(35)	0.000816	57.3	832.8
973(35)	0.000816	57.3	854.1
1015(36)	0.000772	57.	853.
978(35)	0.000816	57.3	829.6
916(34)	0.000865	57.3	789.4
823(32)	0.000977	57.3	738.3
783(31)	0.001041	57.3	682.8
699(30)	0.001111	57.3	628.5
647(28)	0.001276	57.3	579.2
568(27)	0.001372	57.3	537.7
491(25)	0.001600	57.3	505.9
522(26)	0.001479	57.3	484.9
486(25)	0.001600	57.3	475.3
539(26)	0.001479	57.3	477.1
499(25)	0.001600	57.3	489.8
613(28)	0.001276	57.3	512.4
586(27)	0.001372	57.3	542.8
644(28)	0.001276	57.3	577.8

734(30)	0.001111	57.3	612.8
723(30)	0.001111	57.3	641.8
729(30)	0.001111	57.3	658.6
729(30)	0.001111	57.3	659.0
748(31)	0.001041	57.3	642.9
667(29)	0.001189	57.3	614.3
601(27)	0.001372	57.3	579.1
617(28)	0.001276	57.3	543.2
540(26)	0.001479	57.3	510.6
586(27)	0.001372	57.3	483.4
513(25)	0.001600	57.3	462.3
551(26)	0.001479	57.3	446.3
489(25)	0.001600	57.3	433.2
542(26)	0.001479	57.3	419.8
444(24)	0.001736	57.3	403.3
464(24)	0.001736	57.3	382.0
425(23)	0.001890	57.3	356.3
406(23)	0.001890	57.3	327.9
397(22)	0.002066	57.3	298.8
329(20)	0.002500	57.3	270.7
302(19)	0.002770	57.3	244.8
253(18)	0.003086	57.3	221.7
217(17)	0.003460	57.3	201.7
182(15)	0.00444	57.3	184.6
199(16)	0.00391	57.3	170.4
152(14)	0.00510	57.3	158.8
167(14)	0.00510	57.3	149.3
143(13)	0.00592	57.3	141.6
137(13)	0.00592	57.3	135.4
119(12)	0.00694	57.3	130.4
132(13)	0.00592	57.3	126.3
114(12)	0.00694	57.3	123.0
125(13)	0.00592	57.3	120.1
94(11)	0.00826	57.3	117.7
123(12)	0.00694	57.3	115.7
116(12)	0.00694	57.3	113.9
93(11)	0.00826	57.3	112.3
91(11)	0.00826	57.3	111.0
95(11)	0.00826	57.3	109.8
95(11)	0.00826	57.3	108.7
102(11)	0.00826	57.3	107.8
86(10)	0.01000	57.3	107.0
86(10)	0.01000	57.3	106.3
102(11)	0.00826	57.3	105.7
98(11)	0.00826	57.3	105.2
95(11)	0.00826	57.3	104.7
75(10)	0.01000	57.3	104.4
90(11)	0.00826	57.3	104.1
92(11)	0.00826	57.3	103.8
97(11)	0.00826	57.3	103.6
100(11)	0.00826	57.3	103.5
88(11)	0.00826	57.3	103.5
93(11)	0.00826	57.3	103.5
98(11)	0.00826	57.3	103.5

92(11)	0.00826	57.3	103.6
89(11)	0.00826	57.3	103.7
69(9)	0.01235	57.3	103.9
81(10)	0.01000	57.3	104.1
81(10)	0.01000	57.3	104.4
75(10)	0.01000	57.3	104.7
96(11)	0.00826	57.3	105.0
86(10)	0.01000	57.3	105.4
93(11)	0.00826	57.3	105.8
90(11)	0.00826	57.3	106.3
91(11)	0.00826	57.3	106.8
100(11)	0.00826	57.3	107.3
95(11)	0.00826	57.3	107.9
88(11)	0.00826	57.3	108.5
78(10)	0.01000	57.3	109.2
83(10)	0.01000	57.3	109.9
85(10)	0.01000	57.3	110.7
96(11)	0.00826	57.3	111.5
89(11)	0.00826	57.3	112.4
69(9)	0.01235	57.3	113.2
99(11)	0.00826	57.3	114.2
90(11)	0.00826	57.4	115.2
101(11)	0.00826	57.4	116.3
90(11)	0.00826	57.4	117.4
84(10)	0.01000	57.4	118.5
117(12)	0.00694	57.4	119.7
100(11)	0.00826	57.4	121.0
73(10)	0.01000	57.4	122.4
81(10)	0.01000	57.4	123.8
114(12)	0.00694	57.4	125.3
105(11)	0.00826	57.4	126.9
106(12)	0.00694	57.4	128.5
89(11)	0.00826	57.4	130.2
91(11)	0.00826	57.4	132.1
88(11)	0.00826	57.4	134.0
81(10)	0.01000	57.4	136.0
106(12)	0.00694	57.4	138.1
97(11)	0.00826	57.4	140.3
107(12)	0.00694	57.4	142.7
96(11)	0.00826	57.4	145.2
110(12)	0.00694	57.4	147.8
105(12)	0.00694	57.4	150.5
99(11)	0.00826	57.4	153.4
111(12)	0.00694	57.4	156.5
129(13)	0.00592	57.4	159.7
122(12)	0.00694	57.4	163.2
136(13)	0.00592	57.4	166.8
115(12)	0.00694	57.4	170.7
136(13)	0.00592	57.4	174.8
133(13)	0.00592	57.4	179.1
122(12)	0.00694	57.4	183.7
118(12)	0.00694	57.4	188.7
124(12)	0.00694	57.4	193.9
144(13)	0.00592	57.4	199.6

138(13)	0.00592	57.4	205.6
159(14)	0.00510	57.4	212.0
142(13)	0.00592	57.4	218.9
173(15)	0.00444	57.4	227.8
163(14)	0.00510	57.4	235.8
152(14)	0.00510	57.4	244.4
158(14)	0.00510	57.4	253.8
188(15)	0.00444	57.4	263.8
181(15)	0.00444	57.4	274.8
205(16)	0.00391	57.4	286.3
195(16)	0.00391	57.4	299.3
226(17)	0.003460	57.4	313.5
242(17)	0.003460	57.4	329.0
281(19)	0.002770	57.4	346.1
243(17)	0.003460	57.4	365.0
275(19)	0.002770	57.4	385.9
325(20)	0.002500	57.4	409.2
346(21)	0.002268	57.4	435.4
338(21)	0.002268	57.4	465.0
384(22)	0.002066	57.4	498.8
410(23)	0.001890	57.4	537.8
411(23)	0.001890	57.4	583.4
519(26)	0.001479	57.4	637.5
551(26)	0.001479	57.4	702.5
636(28)	0.001276	57.4	781.3
735(30)	0.001111	57.4	878.0
785(31)	0.001041	57.4	996.9
892(33)	0.000918	57.4	1143.5
1053(36)	0.000772	57.	1324.
1237(39)	0.000657	57.	1543.
1425(42)	0.000567	57.	1808.
1704(46)	0.000473	57.	2123.
2043(51)	0.000384	57.	2492.
2316(54)	0.0003429	57.	2914.
2812(59)	0.0002873	57.	3388.
3471(66)	0.0002296	57.	3902.
3986(71)	0.0001984	57.	4439.
4812(78)	0.0001644	57.	4969.
5525(83)	0.0001452	57.	5447.
6191(88)	0.0001291	57.	5818.
6757(92)	0.0001181	57.	6030.
6774(92)	0.0001181	57.	6045.
6629(91)	0.0001208	57.	5863.
5939(86)	0.0001352	57.	5514.
5300(81)	0.0001524	57.	5054.
4419(75)	0.0001778	57.	4536.
3677(68)	0.0002163	57.	4006.
3061(62)	0.0002601	57.	3497.
2531(56)	0.0003189	57.	3027.
2220(53)	0.000356	57.	2607.
1906(49)	0.000416	57.	2242.
1564(44)	0.000517	57.	1931.
1460(43)	0.000541	57.	1672.
1294(40)	0.000625	57.	1459.

1113(37)	0.000730	57.	1286.
1032(36)	0.000772	57.	1149.
983(35)	0.000816	57.4	1041.6
888(33)	0.000918	57.4	958.0
780(31)	0.001041	57.4	893.8
759(31)	0.001041	57.4	845.6
738(30)	0.001111	57.4	810.5
761(31)	0.001041	57.4	786.2
698(29)	0.001189	57.4	771.3
721(30)	0.001111	57.4	765.1
700(30)	0.001111	57.4	767.2
766(31)	0.001041	57.4	777.9
776(31)	0.001041	57.4	798.0
769(31)	0.001041	57.4	828.9
853(33)	0.000918	57.3	872.6
933(34)	0.000865	57.3	931.8
1022(36)	0.000772	57.	1010.
1026(36)	0.000772	57.	1111.
1171(38)	0.000693	57.	1240.
1361(41)	0.000595	57.	1402.
1616(45)	0.000494	57.	1601.
1767(47)	0.000453	57.	1843.
1988(50)	0.000400	57.	2130.
2339(54)	0.0003429	57.	2465.
2673(58)	0.0002973	57.	2847.
3136(63)	0.0002520	57.	3269.
3518(66)	0.0002296	57.	3721.
4144(72)	0.0001929	57.	4183.
4817(78)	0.0001644	57.	4622.
5359(82)	0.0001487	57.	4997.
5570(83)	0.0001452	57.	5260.
5910(86)	0.0001352	57.	5367.
5629(84)	0.0001417	57.	5300.
5364(82)	0.0001487	57.	5070.
4901(78)	0.0001644	57.	4714.
4195(72)	0.0001929	57.	4279.
3706(68)	0.0002163	57.	3811.
3263(64)	0.0002441	57.	3344.
2692(58)	0.0002973	57.	2902.
2441(55)	0.0003306	57.	2499.
2043(51)	0.000384	57.	2140.
1686(46)	0.000473	57.	1828.
1541(44)	0.000517	57.	1562.
1396(42)	0.000567	57.	1339.
1222(39)	0.000657	57.	1154.
1122(37)	0.000730	57.	1002.
963(35)	0.000816	57.3	879.0
894(33)	0.000918	57.3	777.6
810(32)	0.000977	57.3	695.9
694(30)	0.001111	57.3	629.0
616(28)	0.001276	57.3	573.7
620(28)	0.001276	57.3	527.6
549(26)	0.001479	57.3	488.5
451(24)	0.001736	57.3	455.0

472(24)	0.001736	57.3	426.0
404(22)	0.002066	57.3	400.5
409(23)	0.001890	57.3	377.9
381(22)	0.002066	57.3	357.7
375(22)	0.002066	57.3	339.6
332(20)	0.002500	57.3	323.3
302(20)	0.002500	57.3	308.5
317(20)	0.002500	57.3	295.1
252(18)	0.003086	57.3	282.9
236(17)	0.003460	57.3	271.7
225(17)	0.003460	57.3	261.4
215(16)	0.00391	57.3	252.0
232(17)	0.003460	57.3	243.4
185(15)	0.00444	57.3	235.4
207(16)	0.00391	57.3	228.1
204(16)	0.00391	57.3	221.3
189(15)	0.00444	57.3	215.1
179(15)	0.00444	57.3	209.3
185(15)	0.00444	57.3	203.9
182(15)	0.00444	57.3	199.0
163(14)	0.00510	57.3	194.4
169(15)	0.00444	57.3	190.1
127(13)	0.00592	57.3	186.2
151(14)	0.00510	57.3	182.6
158(14)	0.00510	57.3	179.2
140(13)	0.00592	57.3	176.1
114(12)	0.00694	57.3	173.3
138(13)	0.00592	57.3	170.6
117(12)	0.00694	57.3	168.3
137(13)	0.00592	57.3	166.1
118(12)	0.00694	57.3	164.1
130(13)	0.00592	57.3	162.4
111(12)	0.00694	57.3	160.8
111(12)	0.00694	57.3	159.4
135(13)	0.00592	57.3	158.3
130(13)	0.00592	57.3	157.3
122(12)	0.00694	57.3	156.5
104(11)	0.00826	57.3	155.9
131(13)	0.00592	57.3	155.5
117(12)	0.00694	57.3	155.4
123(12)	0.00694	57.3	155.4
116(12)	0.00694	57.3	155.7
101(11)	0.00826	57.3	156.2
130(13)	0.00592	57.3	156.9
119(12)	0.00694	57.3	158.0
118(12)	0.00694	57.3	159.3
126(13)	0.00592	57.3	160.9
108(12)	0.00694	57.3	162.9
126(13)	0.00592	57.3	165.3
125(13)	0.00592	57.3	168.1
114(12)	0.00694	57.3	171.4
138(13)	0.00592	57.3	175.2
160(14)	0.00510	57.3	179.7
156(14)	0.00510	57.3	184.9

143(13)	0.00592	57.3	191.1
159(14)	0.00510	57.3	198.3
184(15)	0.00444	57.3	206.9
142(13)	0.00592	57.3	217.2
178(15)	0.00444	57.3	229.8
217(17)	0.003460	57.3	245.5
241(17)	0.003460	57.3	265.2
258(18)	0.003086	57.3	290.2
265(18)	0.003086	57.3	322.1
284(19)	0.002770	57.3	362.9
352(21)	0.002268	57.3	414.8
398(22)	0.002066	57.3	480.0
534(26)	0.001479	57.3	560.9
618(28)	0.001276	57.3	659.3
691(29)	0.001189	57.3	776.5
948(34)	0.000865	57.3	912.6
1087(37)	0.000730	57.	1066.
1319(41)	0.000595	57.	1233.
1636(45)	0.000494	57.	1405.
1872(48)	0.000434	57.	1573.
2084(51)	0.000384	57.	1719.
2197(52)	0.000370	57.	1823.
2202(52)	0.000370	57.	1869.
2255(53)	0.000356	57.	1847.
2143(52)	0.000370	57.	1761.
1776(47)	0.000453	57.	1627.
1641(45)	0.000494	57.	1465.
1373(41)	0.000595	57.	1291.
1138(38)	0.000693	57.	1120.
963(35)	0.000816	57.3	960.4
814(32)	0.000977	57.3	816.7
698(30)	0.001111	57.3	691.4
557(26)	0.001479	57.3	585.1
470(24)	0.001736	57.3	496.8
432(23)	0.001890	57.3	425.0
330(20)	0.002500	57.3	367.3
315(20)	0.002500	57.3	321.6
255(18)	0.003086	57.3	285.5
232(17)	0.003460	57.3	257.0
211(16)	0.00391	57.3	234.4
185(15)	0.00444	57.3	216.2
183(15)	0.00444	57.3	201.3
201(16)	0.00391	57.3	189.0
140(13)	0.00592	57.3	178.6
141(13)	0.00592	57.3	169.6
126(13)	0.00592	57.3	161.8
153(14)	0.00510	57.3	154.9
125(13)	0.00592	57.3	148.8
149(14)	0.00510	57.3	143.3
99(11)	0.00826	57.3	138.4
122(12)	0.00694	57.2	134.0
118(12)	0.00694	57.2	129.9
107(12)	0.00694	57.2	126.2
92(11)	0.00826	57.2	122.8

107(12)	0.00694	57.2	119.7
93(11)	0.00826	57.2	116.9
120(12)	0.00694	57.2	114.3
77(10)	0.01000	57.2	111.8
93(11)	0.00826	57.2	109.6
86(10)	0.01000	57.2	107.5
86(10)	0.01000	57.2	105.6
96(11)	0.00826	57.2	103.7
73(10)	0.01000	57.2	102.0
95(11)	0.00826	57.2	100.5
89(11)	0.00826	57.2	99.0
75(10)	0.01000	57.2	97.6
79(10)	0.01000	57.2	96.3
81(10)	0.01000	57.2	95.0
70(9)	0.01235	57.2	93.9
66(9)	0.01235	57.2	92.7
73(10)	0.01000	57.2	91.7
88(11)	0.00826	57.2	90.7
83(10)	0.01000	57.2	89.8
84(10)	0.01000	57.2	88.9
76(10)	0.01000	57.2	88.0
79(10)	0.01000	57.2	87.2
70(9)	0.01235	57.2	86.5
81(10)	0.01000	57.2	85.7
74(10)	0.01000	57.2	85.0
64(9)	0.01235	57.2	84.3
77(10)	0.01000	57.2	83.7
65(9)	0.01235	57.2	83.1
64(9)	0.01235	57.2	82.5
80(10)	0.01000	57.2	81.9
72(10)	0.01000	57.2	81.4
76(10)	0.01000	57.2	80.9
69(9)	0.01235	57.2	80.4
83(10)	0.01000	57.2	79.9
77(10)	0.01000	57.2	79.4
71(9)	0.01235	57.2	79.0
63(9)	0.01235	57.2	78.5
71(9)	0.01235	57.2	78.1
71(9)	0.01235	57.2	77.7
60(9)	0.01235	57.2	77.3
71(9)	0.01235	57.2	77.0
60(9)	0.01235	57.2	76.6
59(9)	0.01235	57.2	76.3
68(9)	0.01235	57.2	75.9
78(10)	0.01000	57.2	75.6
68(9)	0.01235	57.2	75.3
74(10)	0.01000	57.2	75.0
79(10)	0.01000	57.2	74.7
73(10)	0.01000	57.2	74.4
74(10)	0.01000	57.2	74.1
64(9)	0.01235	57.2	69.8
67(9)	0.01235	57.2	69.6
74(10)	0.01000	57.2	69.4
67(9)	0.01235	57.2	69.2

66(9)	0.01235	57.2	68.9
72(9)	0.01235	57.2	68.7
76(10)	0.01000	57.2	68.5
69(9)	0.01235	57.2	68.3
65(9)	0.01235	57.2	68.2
72(10)	0.01000	57.2	68.0
67(9)	0.01235	57.2	67.8
55(8)	0.01563	57.2	67.6
46(8)	0.01563	57.2	67.4
70(9)	0.01235	57.2	67.3
65(9)	0.01235	57.2	67.1
64(9)	0.01235	57.2	67.0
85(10)	0.01000	57.2	66.8
87(10)	0.01000	57.2	66.7
78(10)	0.01000	57.2	66.5
76(9)	0.01235	57.2	66.4
81(10)	0.01000	57.2	66.2
75(9)	0.01235	57.1	66.1
57(8)	0.01563	57.1	66.0
82(10)	0.01000	57.1	65.8
78(9)	0.01235	57.1	65.7
56(8)	0.01563	57.1	65.6
75(9)	0.01235	57.1	65.5
67(9)	0.01235	57.1	65.4
62(8)	0.01563	57.1	65.2
64(9)	0.01235	57.1	65.1
68(9)	0.01235	57.1	65.0
58(8)	0.01563	57.1	64.9
69(9)	0.01235	57.1	64.8
69(9)	0.01235	57.1	64.7
56(8)	0.01563	57.1	64.6
79(10)	0.01000	57.1	64.5
59(8)	0.01563	57.1	64.4
73(9)	0.01235	57.1	64.3
69(9)	0.01235	57.1	64.2
62(8)	0.01563	57.1	64.1
56(8)	0.01563	57.1	64.0
50(8)	0.01563	57.1	64.0
51(8)	0.01563	57.1	63.9
89(10)	0.01000	57.1	63.8
64(9)	0.01235	57.1	63.7
64(9)	0.01235	57.1	60.1
61(8)	0.01563	57.1	60.0
72(9)	0.01235	57.1	60.0
65(9)	0.01235	57.1	59.9
77(9)	0.01235	57.1	59.9
65(9)	0.01235	57.1	59.9
69(9)	0.01235	57.1	59.8
60(8)	0.01563	57.1	59.8
66(9)	0.01235	57.1	59.7
68(9)	0.01235	57.1	59.7
71(9)	0.01235	57.1	59.7
57(8)	0.01563	57.1	59.6
57(8)	0.01563	57.1	59.6

71(9)	0.01235	57.1	59.5
79(10)	0.01000	57.1	59.5
48(7)	0.02041	57.1	59.5
63(9)	0.01235	57.1	59.4
66(9)	0.01235	57.1	59.4
52(8)	0.01563	57.1	59.4
65(9)	0.01235	57.1	59.3
69(9)	0.01235	57.1	59.3
63(9)	0.01235	57.1	59.3
60(8)	0.01563	57.1	59.2
63(9)	0.01235	57.1	59.2
67(9)	0.01235	57.1	59.2
56(8)	0.01563	57.1	59.1
45(7)	0.02041	57.1	59.1
66(9)	0.01235	57.1	59.1
56(8)	0.01563	57.1	59.1
67(9)	0.01235	57.1	59.0
56(8)	0.01563	57.1	59.0
67(9)	0.01235	57.1	59.0
69(9)	0.01235	57.1	59.0
66(9)	0.01235	57.1	58.9
54(8)	0.01563	57.0	58.9
71(9)	0.01235	57.0	58.9
72(9)	0.01235	57.0	58.9
65(9)	0.01235	57.0	58.8
58(8)	0.01563	57.0	58.8
73(9)	0.01235	57.0	58.8
73(9)	0.01235	57.0	58.8
68(9)	0.01235	57.0	58.7
85(10)	0.01000	57.0	58.7
75(9)	0.01235	57.0	58.7
75(9)	0.01235	57.0	58.7
63(8)	0.01563	57.0	58.7
75(9)	0.01235	57.0	58.6
75(9)	0.01235	57.0	58.6
66(9)	0.01235	57.0	58.6
57(8)	0.01563	57.0	58.6
63(9)	0.01235	57.0	58.6
57(8)	0.01563	57.0	58.5
77(9)	0.01235	57.0	58.5
78(9)	0.01235	57.0	58.5
66(9)	0.01235	57.0	57.0
67(9)	0.01235	57.0	57.0
75(9)	0.01235	57.0	57.0
60(8)	0.01563	57.0	57.0
63(9)	0.01235	57.0	57.0
67(9)	0.01235	57.0	57.0
71(9)	0.01235	57.0	57.0
76(9)	0.01235	57.0	57.0
65(9)	0.01235	57.0	57.0
62(8)	0.01563	57.0	57.0
61(8)	0.01563	57.0	57.0
56(8)	0.01563	57.0	57.0
69(9)	0.01235	57.0	57.0

70(9)	0.01235	57.0	57.0
54(8)	0.01563	57.0	57.0
56(8)	0.01563	57.0	57.0
66(9)	0.01235	57.0	57.0
60(8)	0.01563	57.0	57.0
70(9)	0.01235	57.0	57.0
61(8)	0.01563	57.0	57.0
73(9)	0.01235	57.0	57.0
73(9)	0.01235	57.0	57.0
55(8)	0.01563	57.0	57.0
68(9)	0.01235	57.0	57.0
74(9)	0.01235	57.0	57.0
76(9)	0.01235	57.0	57.0
58(8)	0.01563	57.0	57.0
58(8)	0.01563	57.0	57.0
64(9)	0.01235	57.0	57.0
81(10)	0.01000	57.0	57.0
75(9)	0.01235	56.9	57.0
78(9)	0.01235	56.9	56.9
66(9)	0.01235	56.9	56.9
62(8)	0.01563	56.9	56.9
61(8)	0.01563	56.9	56.9
66(9)	0.01235	56.9	56.9
57(8)	0.01563	56.9	56.9
63(9)	0.01235	56.9	56.9
60(8)	0.01563	56.9	56.9
58(8)	0.01563	56.9	56.9
64(9)	0.01235	56.9	56.9
51(8)	0.01563	56.9	56.9
68(9)	0.01235	56.9	56.9
57(8)	0.01563	56.9	56.9
70(9)	0.01235	56.9	56.9
64(9)	0.01235	56.9	56.9
73(9)	0.01235	56.9	56.9
71(9)	0.01235	56.9	56.9
62(8)	0.01563	56.9	56.9
65(9)	0.01235	56.9	56.9
64(9)	0.01235	56.9	56.9
62(8)	0.01563	56.9	56.9
55(8)	0.01563	56.9	56.9
68(9)	0.01235	56.9	56.9
72(9)	0.01235	56.9	56.9
68(9)	0.01235	56.9	56.9
50(8)	0.01563	56.9	56.9
57(8)	0.01563	56.9	56.9
67(9)	0.01235	56.9	56.9
83(10)	0.01000	56.9	56.9
79(10)	0.01000	56.9	56.9
74(9)	0.01235	56.9	56.9
69(9)	0.01235	56.9	56.9
56(8)	0.01563	56.9	56.9
47(7)	0.02041	56.9	56.9
76(9)	0.01235	56.9	56.9
65(9)	0.01235	56.9	56.9

66(9)	0.01235	56.9	56.9
61(8)	0.01563	56.9	56.9
62(8)	0.01563	56.9	56.9
82(10)	0.01000	56.9	56.9
60(8)	0.01563	56.9	56.9
55(8)	0.01563	56.9	56.9
49(8)	0.01563	56.9	56.9
51(8)	0.01563	56.8	56.9
80(10)	0.01000	56.8	56.8
59(8)	0.01563	56.8	56.8
66(9)	0.01235	56.8	56.8
55(8)	0.01563	56.8	56.8
70(9)	0.01235	56.8	56.8
59(8)	0.01563	56.8	56.8
81(10)	0.01000	56.8	56.8
37(7)	0.02041	56.8	56.8
63(9)	0.01235	56.8	56.8
69(9)	0.01235	56.8	56.8
62(8)	0.01563	56.8	56.8
71(9)	0.01235	56.8	56.8
63(9)	0.01235	56.8	56.8
56(8)	0.01563	56.8	56.8
51(8)	0.01563	56.8	56.8
61(8)	0.01563	56.8	56.8
74(9)	0.01235	56.8	56.8
61(8)	0.01563	56.8	56.8
70(9)	0.01235	56.8	56.8
65(9)	0.01235	56.8	56.8
63(9)	0.01235	56.8	56.8
70(9)	0.01235	56.8	56.8
58(8)	0.01563	56.8	56.8
84(10)	0.01000	56.8	56.8
63(9)	0.01235	56.8	56.8
63(9)	0.01235	56.8	56.8
59(8)	0.01563	56.8	56.8
63(9)	0.01235	56.8	56.8
70(9)	0.01235	56.8	56.8
75(9)	0.01235	56.8	56.8
62(8)	0.01563	56.8	56.8
55(8)	0.01563	56.8	56.8
73(9)	0.01235	56.8	56.8
62(8)	0.01563	56.8	56.8
72(9)	0.01235	56.8	56.8
56(8)	0.01563	56.8	56.8
48(7)	0.02041	56.8	56.8
66(9)	0.01235	56.8	56.8
64(9)	0.01235	56.8	56.8
41(7)	0.02041	56.7	56.8
66(9)	0.01235	56.7	56.7
67(9)	0.01235	56.7	56.7
48(7)	0.02041	56.7	56.7
52(8)	0.01563	56.7	56.7
51(8)	0.01563	56.7	56.7
69(9)	0.01235	56.7	56.7

74(9)	0.01235	56.7	56.7
57(8)	0.01563	56.7	56.7
58(8)	0.01563	56.7	56.7
60(8)	0.01563	56.7	56.7
70(9)	0.01235	56.7	56.7
53(8)	0.01563	56.7	56.7
68(9)	0.01235	56.7	56.7
59(8)	0.01563	56.7	56.7
56(8)	0.01563	56.7	56.7
73(9)	0.01235	56.7	56.7
77(9)	0.01235	56.7	56.7
55(8)	0.01563	56.7	56.7
66(9)	0.01235	56.7	56.7
75(9)	0.01235	56.7	56.7
72(9)	0.01235	56.7	56.7
76(9)	0.01235	56.7	56.7
72(9)	0.01235	56.7	56.7
65(9)	0.01235	56.7	56.7
50(8)	0.01563	56.7	56.7
63(8)	0.01563	56.7	56.7
62(8)	0.01563	56.7	56.7
53(8)	0.01563	56.7	56.7
55(8)	0.01563	56.7	56.7
48(7)	0.02041	56.7	56.7
51(8)	0.01563	56.7	56.7
76(9)	0.01235	56.7	56.7
59(8)	0.01563	56.7	56.7
55(8)	0.01563	56.7	56.7
61(8)	0.01563	56.7	56.7
56(8)	0.01563	56.7	56.7
61(8)	0.01563	56.6	56.7
62(8)	0.01563	56.6	56.7
61(8)	0.01563	56.6	56.6
57(8)	0.01563	56.6	56.6
58(8)	0.01563	56.6	56.6
51(8)	0.01563	56.6	56.6
64(9)	0.01235	56.6	56.6
60(8)	0.01563	56.6	56.6
65(9)	0.01235	56.6	56.6
75(9)	0.01235	56.6	56.6
63(9)	0.01235	56.6	56.6
49(8)	0.01563	56.6	56.6
56(8)	0.01563	56.6	56.6
54(8)	0.01563	56.6	56.6
58(8)	0.01563	56.6	56.6
55(8)	0.01563	56.6	56.6
54(8)	0.01563	56.6	56.6
71(9)	0.01235	56.6	56.6
57(8)	0.01563	56.6	56.6
67(9)	0.01235	56.6	56.6
57(8)	0.01563	56.6	56.6
75(9)	0.01235	56.6	56.6
56(8)	0.01563	56.6	56.6
57(8)	0.01563	56.6	56.6

60(8)	0.01563	56.6	56.6
62(8)	0.01563	56.6	56.6
58(8)	0.01563	56.6	56.6
69(9)	0.01235	56.6	56.6
57(8)	0.01563	56.6	56.6
55(8)	0.01563	56.6	56.6
51(8)	0.01563	56.6	56.6
79(10)	0.01000	56.6	56.6
64(9)	0.01235	56.6	56.6
63(9)	0.01235	56.6	56.6
75(9)	0.01235	56.5	56.6
59(8)	0.01563	56.5	56.6
49(8)	0.01563	56.5	56.6
69(9)	0.01235	56.5	56.6
70(9)	0.01235	56.5	56.6
64(9)	0.01235	56.5	56.5
55(8)	0.01563	56.5	56.5
68(9)	0.01235	56.5	56.5
46(7)	0.02041	56.5	56.5
49(7)	0.02041	56.5	56.5
60(8)	0.01563	56.5	56.5
74(9)	0.01235	56.5	56.5
61(8)	0.01563	56.5	56.5
68(9)	0.01235	56.5	56.5
66(9)	0.01235	56.5	56.5
58(8)	0.01563	56.5	56.5
60(8)	0.01563	56.5	56.5
63(8)	0.01563	56.5	56.5
61(8)	0.01563	56.5	56.5
61(8)	0.01563	56.5	56.5
56(8)	0.01563	56.5	56.5
52(8)	0.01563	56.5	56.5
57(8)	0.01563	56.5	56.5
53(8)	0.01563	56.5	56.5
61(8)	0.01563	56.5	56.5
58(8)	0.01563	56.5	56.5
44(7)	0.02041	56.5	56.5
59(8)	0.01563	56.5	56.5
61(8)	0.01563	56.5	56.5
80(10)	0.01000	56.5	56.5
60(8)	0.01563	56.5	56.5
57(8)	0.01563	56.5	56.5
61(8)	0.01563	56.5	56.5
52(8)	0.01563	56.4	56.5
69(9)	0.01235	56.4	56.5
74(9)	0.01235	56.4	56.5
85(10)	0.01000	56.4	56.5
63(9)	0.01235	56.4	56.5
54(8)	0.01563	56.4	56.5
54(8)	0.01563	56.4	56.5
68(9)	0.01235	56.4	56.5
53(8)	0.01563	56.4	56.5
42(7)	0.02041	56.4	56.5
51(8)	0.01563	56.4	56.5

62(8)	0.01563	56.4	56.5
70(9)	0.01235	56.4	56.5
58(8)	0.01563	56.4	56.5
49(8)	0.01563	56.4	56.5
67(9)	0.01235	56.4	56.5
49(8)	0.01563	56.4	56.5
60(8)	0.01563	56.4	56.5
67(9)	0.01235	56.4	56.5
58(8)	0.01563	56.4	56.5
63(9)	0.01235	56.4	56.5
66(9)	0.01235	56.4	56.5
46(7)	0.02041	56.4	56.5
61(8)	0.01563	56.4	56.5
67(9)	0.01235	56.4	56.5
66(9)	0.01235	56.4	56.5
68(9)	0.01235	56.4	56.5
52(8)	0.01563	56.4	56.5
48(7)	0.02041	56.4	56.6
73(9)	0.01235	56.4	56.6
56(8)	0.01563	56.4	56.6
64(9)	0.01235	56.3	56.6
67(9)	0.01235	56.3	56.7
67(9)	0.01235	56.3	56.7
67(9)	0.01235	56.3	56.7
49(7)	0.02041	56.3	56.8
63(9)	0.01235	56.3	56.9
77(9)	0.01235	56.3	56.9
59(8)	0.01563	56.3	57.0
58(8)	0.01563	56.3	57.1
72(9)	0.01235	56.3	57.2
65(9)	0.01235	56.3	57.3
67(9)	0.01235	56.3	57.4
60(8)	0.01563	56.3	57.6
62(8)	0.01563	56.3	57.7
75(9)	0.01235	56.3	57.8
63(9)	0.01235	56.3	57.8
63(9)	0.01235	56.3	57.8
62(8)	0.01563	56.3	57.8
62(8)	0.01563	56.3	57.8
60(8)	0.01563	56.3	57.7
65(9)	0.01235	56.3	57.6
68(9)	0.01235	56.3	57.5
55(8)	0.01563	56.3	57.4
59(8)	0.01563	56.3	57.3
67(9)	0.01235	56.3	57.2
43(7)	0.02041	56.3	57.1
67(9)	0.01235	56.3	57.0
67(9)	0.01235	56.3	56.9
67(9)	0.01235	56.3	56.8
59(8)	0.01563	56.2	56.7
63(9)	0.01235	56.2	56.6
60(8)	0.01563	56.2	56.6
48(7)	0.02041	56.2	56.5
73(9)	0.01235	56.2	56.5

56(8)	0.01563	56.2	56.5
63(9)	0.01235	56.2	56.4
61(8)	0.01563	56.2	56.4
67(9)	0.01235	56.2	56.4
79(10)	0.01000	56.2	56.4
70(9)	0.01235	56.2	56.4
61(8)	0.01563	56.2	56.3
48(7)	0.02041	56.2	56.3
68(9)	0.01235	56.2	56.3
70(9)	0.01235	56.2	56.3
55(8)	0.01563	56.2	56.3
61(8)	0.01563	56.2	56.3
38(7)	0.02041	56.2	56.3
56(8)	0.01563	56.2	56.3
58(8)	0.01563	56.2	56.3
44(7)	0.02041	56.2	56.3
67(9)	0.01235	56.2	56.2
68(9)	0.01235	56.2	56.2
66(9)	0.01235	56.2	56.2
70(9)	0.01235	56.2	56.2
63(9)	0.01235	56.2	56.2
63(9)	0.01235	56.2	56.2
64(9)	0.01235	56.2	56.2
58(8)	0.01563	56.2	56.2
66(9)	0.01235	56.1	56.2
72(9)	0.01235	56.1	56.2
75(9)	0.01235	56.1	56.2
63(9)	0.01235	56.1	56.2
59(8)	0.01563	56.1	56.2
58(8)	0.01563	56.1	56.2
89(10)	0.01000	56.1	56.2
51(8)	0.01563	56.1	56.2
64(9)	0.01235	56.1	56.2
77(9)	0.01235	56.1	56.2
69(9)	0.01235	56.1	56.2
71(9)	0.01235	56.1	56.1
76(9)	0.01235	56.1	56.1
82(10)	0.01000	56.1	56.1
61(8)	0.01563	56.1	56.1
68(9)	0.01235	56.1	56.1
61(8)	0.01563	56.1	56.1
63(9)	0.01235	56.1	56.1
63(9)	0.01235	56.1	56.1
49(8)	0.01563	56.1	56.1
64(9)	0.01235	56.1	56.1
57(8)	0.01563	56.1	56.1
55(8)	0.01563	56.1	56.1
70(9)	0.01235	56.1	56.1
73(9)	0.01235	56.1	56.1
49(8)	0.01563	56.1	56.1
56(8)	0.01563	56.1	56.1
67(9)	0.01235	56.0	56.1
66(9)	0.01235	56.0	56.1
57(8)	0.01563	56.0	56.1

58(8)	0.01563	56.0	56.1
51(8)	0.01563	56.0	56.1
60(8)	0.01563	56.0	56.0
58(8)	0.01563	56.0	56.0
68(9)	0.01235	56.0	56.0
62(8)	0.01563	56.0	56.0
52(8)	0.01563	56.0	56.0
52(8)	0.01563	56.0	56.0
61(8)	0.01563	56.0	56.0
58(8)	0.01563	56.0	56.0
55(8)	0.01563	56.0	56.0
65(9)	0.01235	56.0	56.0
65(9)	0.01235	56.0	56.0
56(8)	0.01563	56.0	56.0
79(9)	0.01235	56.0	56.0
66(9)	0.01235	56.0	56.0
64(9)	0.01235	56.0	56.0
68(9)	0.01235	56.0	56.0
48(7)	0.02041	56.0	56.0
55(8)	0.01563	56.0	56.0
70(9)	0.01235	56.0	56.0
38(7)	0.02041	56.0	56.0
62(8)	0.01563	56.0	56.0
60(8)	0.01563	56.0	56.0
66(9)	0.01235	55.9	56.0
65(9)	0.01235	55.9	56.0
51(8)	0.01563	55.9	55.9
63(9)	0.01235	55.9	55.9
68(9)	0.01235	55.9	55.9
45(7)	0.02041	55.9	55.9
63(9)	0.01235	55.9	56.0
64(9)	0.01235	55.9	56.0
51(8)	0.01563	55.9	56.0
57(8)	0.01563	55.9	56.0
64(9)	0.01235	55.9	56.0
49(8)	0.01563	55.9	56.0
53(8)	0.01563	55.9	56.0
64(9)	0.01235	55.9	56.0
65(9)	0.01235	55.9	56.0
70(9)	0.01235	55.9	56.0
57(8)	0.01563	55.9	56.0
60(8)	0.01563	55.9	56.0
67(9)	0.01235	55.9	56.0
55(8)	0.01563	55.9	56.0
64(9)	0.01235	55.9	56.0
72(9)	0.01235	55.9	56.0
57(8)	0.01563	55.9	56.0
47(7)	0.02041	55.9	56.0
62(8)	0.01563	55.9	56.0
57(8)	0.01563	55.8	56.0
53(8)	0.01563	55.8	56.0
56(8)	0.01563	55.8	56.0
74(9)	0.01235	55.8	56.0
47(7)	0.02041	55.8	56.0

70(9)	0.01235	55.8	56.0
59(8)	0.01563	55.8	56.0
58(8)	0.01563	55.8	56.0
53(8)	0.01563	55.8	56.0
64(9)	0.01235	55.8	56.0
56(8)	0.01563	55.8	56.2
86(10)	0.01000	55.8	56.2
51(8)	0.01563	55.8	56.2
69(9)	0.01235	55.8	56.2
55(8)	0.01563	55.8	56.2
59(8)	0.01563	55.8	56.2
58(8)	0.01563	55.8	56.2
42(7)	0.02041	55.8	56.2
61(8)	0.01563	55.8	56.2
53(8)	0.01563	55.8	56.2
77(9)	0.01235	55.8	56.2
48(7)	0.02041	55.8	56.2
50(8)	0.01563	55.8	56.2
41(7)	0.02041	55.8	56.2
57(8)	0.01563	55.8	56.2
64(9)	0.01235	55.7	56.2
50(8)	0.01563	55.7	56.2
73(9)	0.01235	55.7	56.2
48(7)	0.02041	55.7	56.2
58(8)	0.01563	55.7	56.2
59(8)	0.01563	55.7	56.2
59(8)	0.01563	55.7	56.2
41(7)	0.02041	55.7	56.2
68(9)	0.01235	55.7	56.2
49(8)	0.01563	55.7	56.2
62(8)	0.01563	55.7	56.2
67(9)	0.01235	55.7	56.2
55(8)	0.01563	55.7	56.2
60(8)	0.01563	55.7	56.2
58(8)	0.01563	55.7	56.2
60(8)	0.01563	55.7	56.2
71(9)	0.01235	55.7	56.2
69(9)	0.01235	55.7	56.2
44(7)	0.02041	55.7	56.2
67(9)	0.01235	55.7	56.2
43(7)	0.02041	55.7	56.2
48(7)	0.02041	55.7	56.2
46(7)	0.02041	55.7	56.2
60(8)	0.01563	55.7	56.2
65(9)	0.01235	55.6	56.2
67(9)	0.01235	55.6	56.2
70(9)	0.01235	55.6	56.2
61(8)	0.01563	55.6	56.2
63(9)	0.01235	55.6	56.2
49(7)	0.02041	55.6	56.2
55(8)	0.01563	55.6	56.2
55(8)	0.01563	55.6	56.2
76(9)	0.01235	55.6	56.2
64(9)	0.01235	55.6	56.2

45(7)	0.02041	55.6	56.3
69(9)	0.01235	55.6	56.3
55(8)	0.01563	55.6	56.3
49(8)	0.01563	55.6	56.3
57(8)	0.01563	55.6	56.3
60(8)	0.01563	55.6	56.3
68(9)	0.01235	55.6	56.3
61(8)	0.01563	55.6	56.3
66(9)	0.01235	55.6	56.3
66(9)	0.01235	55.6	56.3
60(8)	0.01563	55.6	56.3
43(7)	0.02041	55.6	56.3
64(9)	0.01235	55.6	56.3
51(8)	0.01563	55.6	56.3
65(9)	0.01235	55.5	56.3
53(8)	0.01563	55.5	56.3
66(9)	0.01235	55.5	56.3
51(8)	0.01563	55.5	56.3
49(8)	0.01563	55.5	56.3
71(9)	0.01235	55.5	57.1
64(9)	0.01235	55.5	57.1
68(9)	0.01235	55.5	57.1
51(8)	0.01563	55.5	57.2
52(8)	0.01563	55.5	57.2
49(8)	0.01563	55.5	57.2
53(8)	0.01563	55.5	57.2
60(8)	0.01563	55.5	57.2
72(9)	0.01235	55.5	57.2
71(9)	0.01235	55.5	57.3
69(9)	0.01235	55.5	57.3
73(9)	0.01235	55.5	57.3
57(8)	0.01563	55.5	57.3
60(8)	0.01563	55.5	57.3
63(9)	0.01235	55.5	57.3
52(8)	0.01563	55.5	57.4
58(8)	0.01563	55.5	57.4
63(8)	0.01563	55.5	57.4
57(8)	0.01563	55.4	57.4
70(9)	0.01235	55.4	57.4
63(8)	0.01563	55.4	57.5
57(8)	0.01563	55.4	57.5
48(7)	0.02041	55.4	57.5
69(9)	0.01235	55.4	57.5
57(8)	0.01563	55.4	57.6
69(9)	0.01235	55.4	57.6
61(8)	0.01563	55.4	57.6
59(8)	0.01563	55.4	57.6
65(9)	0.01235	55.4	57.7
53(8)	0.01563	55.4	57.7
64(9)	0.01235	55.4	57.7
59(8)	0.01563	55.4	57.7
49(8)	0.01563	55.4	57.8
69(9)	0.01235	55.4	57.8
66(9)	0.01235	55.4	57.8

70(9)	0.01235	55.4	57.9
55(8)	0.01563	55.4	57.9
66(9)	0.01235	55.4	57.9
51(8)	0.01563	55.4	58.0
64(9)	0.01235	55.4	58.0
76(9)	0.01235	55.4	58.0
52(8)	0.01563	55.3	58.1
55(8)	0.01563	55.3	58.1
59(8)	0.01563	55.3	58.2
61(8)	0.01563	55.3	58.2
51(8)	0.01563	55.3	58.2
61(8)	0.01563	55.3	58.3
48(7)	0.02041	55.3	58.3
63(8)	0.01563	55.3	58.4
59(8)	0.01563	55.3	58.4
49(8)	0.01563	55.3	58.5
74(9)	0.01235	55.3	58.5
50(8)	0.01563	55.3	58.6
57(8)	0.01563	55.3	58.6
47(7)	0.02041	55.3	58.7
62(8)	0.01563	55.3	58.8
66(9)	0.01235	55.3	58.8
63(8)	0.01563	55.3	58.9
56(8)	0.01563	55.3	59.1
64(9)	0.01235	55.3	59.2
60(8)	0.01563	55.3	59.2
72(9)	0.01235	55.3	59.3
67(9)	0.01235	55.3	59.4
45(7)	0.02041	55.2	59.5
49(8)	0.01563	55.2	59.5
71(9)	0.01235	55.2	59.6
67(9)	0.01235	55.2	59.7
62(8)	0.01563	55.2	59.8
63(9)	0.01235	55.2	59.9
65(9)	0.01235	55.2	60.0
51(8)	0.01563	55.2	60.1
65(9)	0.01235	55.2	60.2
65(9)	0.01235	55.2	60.3
58(8)	0.01563	55.2	60.4
65(9)	0.01235	55.2	60.5
73(9)	0.01235	55.2	60.7
54(8)	0.01563	55.2	60.8
74(9)	0.01235	55.2	60.9
61(8)	0.01563	55.2	61.1
72(9)	0.01235	55.2	61.2
60(8)	0.01563	55.2	61.4
66(9)	0.01235	55.2	61.5
52(8)	0.01563	55.2	61.7
67(9)	0.01235	55.2	61.9
63(9)	0.01235	55.2	62.1
56(8)	0.01563	55.1	62.3
63(8)	0.01563	55.1	62.5
52(8)	0.01563	55.1	62.7
52(8)	0.01563	55.1	62.9

75(9)	0.01235	55.1	63.2
42(7)	0.02041	55.1	63.5
69(9)	0.01235	55.1	63.7
58(8)	0.01563	55.1	64.0
63(9)	0.01235	55.1	64.3
79(10)	0.01000	55.1	64.7
60(8)	0.01563	55.1	65.0
72(9)	0.01235	55.1	65.4
51(8)	0.01563	55.1	65.8
83(10)	0.01000	55.1	66.3
60(8)	0.01563	55.1	66.8
72(9)	0.01235	55.1	67.3
73(9)	0.01235	55.1	67.9
62(8)	0.01563	55.1	68.5
83(10)	0.01000	55.1	69.1
53(8)	0.01563	55.1	69.9
63(8)	0.01563	55.1	70.7
62(8)	0.01563	55.1	71.6
74(9)	0.01235	55.0	72.7
82(10)	0.01000	55.0	73.9
65(9)	0.01235	55.0	75.3
92(10)	0.01000	55.0	77.0
90(10)	0.01000	55.0	79.0
75(9)	0.01235	55.0	81.4
80(10)	0.01000	55.0	84.3
82(10)	0.01000	55.0	87.9
106(11)	0.00826	55.0	92.3
75(9)	0.01235	55.0	98.2
116(11)	0.00826	55.0	104.5
116(12)	0.00694	55.0	111.9
118(12)	0.00694	55.0	120.6
108(11)	0.00826	55.0	130.6
128(12)	0.00694	55.0	141.8
141(13)	0.00592	55.0	154.1
189(15)	0.00444	55.0	167.3
191(15)	0.00444	55.0	180.9
214(16)	0.00391	55.0	194.2
255(17)	0.003460	55.0	206.4
289(18)	0.003086	55.0	216.4
265(17)	0.003460	54.9	223.1
290(18)	0.003086	54.9	225.7
287(18)	0.003086	54.9	223.8
224(16)	0.00391	54.9	218.1
215(16)	0.00391	54.9	209.4
226(16)	0.00391	54.9	198.9
167(14)	0.00510	54.9	187.6
195(15)	0.00444	54.9	176.4
165(14)	0.00510	54.9	166.0
141(13)	0.00592	54.9	156.9
145(13)	0.00592	54.9	149.3
138(13)	0.00592	54.9	143.4
132(12)	0.00694	54.9	139.5
119(12)	0.00694	54.9	137.6
132(12)	0.00694	54.9	138.0

141(13)	0.00592	54.9	140.7
144(13)	0.00592	54.9	146.0
172(14)	0.00510	54.9	154.0
140(13)	0.00592	54.9	164.9
173(14)	0.00510	54.9	178.8
166(14)	0.00510	54.9	196.0
203(15)	0.00444	54.8	216.5
213(16)	0.00391	54.8	240.2
278(18)	0.003086	54.8	266.8
293(18)	0.003086	54.8	295.8
342(20)	0.002500	54.8	326.4
329(19)	0.002770	54.8	357.1
408(22)	0.002066	54.8	386.0
437(22)	0.002066	54.8	410.8
459(23)	0.001890	54.8	428.7
450(23)	0.001890	54.8	437.3
412(22)	0.002066	54.8	435.4
435(22)	0.002066	54.8	423.1
376(21)	0.002268	54.8	402.4
357(20)	0.002500	54.8	375.6
333(20)	0.002500	54.8	345.5
290(18)	0.003086	54.8	314.3
272(18)	0.003086	54.8	283.8
210(15)	0.00444	54.8	255.1
231(16)	0.00391	54.8	228.8
204(15)	0.00444	54.8	205.4
152(13)	0.00592	54.7	185.1
150(13)	0.00592	54.7	167.7
154(13)	0.00592	54.7	153.2
131(12)	0.00694	54.7	141.2
122(12)	0.00694	54.7	131.4
124(12)	0.00694	54.7	123.6
135(12)	0.00694	54.7	117.3
129(12)	0.00694	54.7	112.4
119(12)	0.00694	54.7	108.5
89(10)	0.01000	54.7	105.5
110(11)	0.00826	54.7	103.2
91(10)	0.01000	54.7	101.4
82(10)	0.01000	54.7	100.0
84(10)	0.01000	54.7	99.0
85(10)	0.01000	54.7	98.3
80(10)	0.01000	54.7	97.8
83(10)	0.01000	54.7	97.6
89(10)	0.01000	54.7	97.6
76(9)	0.01235	54.7	97.7
85(10)	0.01000	54.7	98.1
92(10)	0.01000	54.6	98.6
102(11)	0.00826	54.6	99.3
76(9)	0.01235	54.6	100.2
78(9)	0.01235	54.6	101.3
71(9)	0.01235	54.6	102.6
84(10)	0.01000	54.6	104.2
78(9)	0.01235	54.6	105.9
95(10)	0.01000	54.6	107.9

107(11)	0.00826	54.6	110.2
116(12)	0.00694	54.6	112.8
117(12)	0.00694	54.6	115.8
101(11)	0.00826	54.6	119.2
103(11)	0.00826	54.6	123.2
129(12)	0.00694	54.6	127.7
119(12)	0.00694	54.6	133.1
115(11)	0.00826	54.6	139.3
127(12)	0.00694	54.6	146.7
156(13)	0.00592	54.6	155.6
148(13)	0.00592	54.6	166.2
180(14)	0.00510	54.6	178.9
157(13)	0.00592	54.5	194.3
165(14)	0.00510	54.5	212.7
209(15)	0.00444	54.5	234.7
228(16)	0.00391	54.5	260.9
299(18)	0.003086	54.5	291.7
234(16)	0.00391	54.5	327.5
307(19)	0.002770	54.5	368.9
342(20)	0.002500	54.5	415.8
370(21)	0.002268	54.5	468.2
427(22)	0.002066	54.5	525.7
498(24)	0.001736	54.5	587.6
531(25)	0.001600	54.5	652.1
612(26)	0.001479	54.5	716.9
652(27)	0.001372	54.5	778.9
685(28)	0.001276	54.5	833.6
746(29)	0.001189	54.5	876.3
781(30)	0.001111	54.5	902.4
833(31)	0.001041	54.5	908.6
763(30)	0.001111	54.5	894.0
741(29)	0.001189	54.5	860.7
718(29)	0.001189	54.4	812.6
623(27)	0.001372	54.4	754.3
554(25)	0.001600	54.4	690.8
441(22)	0.002066	54.4	625.8
498(24)	0.001736	54.4	562.3
350(20)	0.002500	54.4	502.1
377(21)	0.002268	54.4	446.7
307(19)	0.002770	54.4	396.5
285(18)	0.003086	54.4	352.0
256(17)	0.003460	54.4	313.0
221(16)	0.00391	54.4	279.3
227(16)	0.00391	54.4	250.5
172(14)	0.00510	54.4	226.2
180(14)	0.00510	54.4	205.7
165(14)	0.00510	54.4	188.7
171(14)	0.00510	54.4	174.6
121(12)	0.00694	54.4	162.8
126(12)	0.00694	54.4	153.1
110(11)	0.00826	54.4	145.0
152(13)	0.00592	54.4	138.2
133(12)	0.00694	54.3	132.4
119(12)	0.00694	54.3	127.5

110(11)	0.00826	54.3	123.4
95(10)	0.01000	54.3	119.8
111(11)	0.00826	54.3	116.7
110(11)	0.00826	54.3	114.1
99(11)	0.00826	54.3	111.8
88(10)	0.01000	54.3	109.9
77(9)	0.01235	54.3	108.2
102(11)	0.00826	54.3	106.9
69(9)	0.01235	54.3	105.8
110(11)	0.00826	54.3	105.0
108(11)	0.00826	54.3	104.6
93(10)	0.01000	54.3	104.4
97(11)	0.00826	54.3	104.6
68(9)	0.01235	54.3	105.1
104(11)	0.00826	54.3	106.1
114(11)	0.00826	54.3	107.6
107(11)	0.00826	54.3	109.7
88(10)	0.01000	54.2	112.5
113(11)	0.00826	54.2	116.1
115(12)	0.00694	54.2	120.5
123(12)	0.00694	54.2	125.9
121(12)	0.00694	54.2	132.3
149(13)	0.00592	54.2	139.8
117(12)	0.00694	54.2	148.5
145(13)	0.00592	54.2	158.3
158(13)	0.00592	54.2	169.1
209(16)	0.00391	54.2	180.8
222(16)	0.00391	54.2	193.1
197(15)	0.00444	54.2	205.6
229(16)	0.00391	54.2	217.5
218(16)	0.00391	54.2	228.2
275(18)	0.003086	54.2	236.7
314(19)	0.002770	54.2	242.0
268(17)	0.003460	54.2	243.6
263(17)	0.003460	54.2	241.2
270(18)	0.003086	54.2	235.1
256(17)	0.003460	54.1	226.0
198(15)	0.00444	54.1	214.8
199(15)	0.00444	54.1	202.6
174(14)	0.00510	54.1	190.0
155(13)	0.00592	54.1	177.6
144(13)	0.00592	54.1	165.9
126(12)	0.00694	54.1	155.0
110(11)	0.00826	54.1	145.3
113(11)	0.00826	54.1	136.6
123(12)	0.00694	54.1	129.1
103(11)	0.00826	54.1	122.7
121(12)	0.00694	54.1	117.3
102(11)	0.00826	54.1	112.8
97(11)	0.00826	54.1	109.2
97(11)	0.00826	54.1	106.3
109(11)	0.00826	54.1	104.1
81(10)	0.01000	54.1	102.5
96(10)	0.01000	54.1	101.3

100(11)	0.00826	54.1	100.6
100(11)	0.00826	54.0	100.2
114(11)	0.00826	54.0	100.1
106(11)	0.00826	54.0	100.3
134(12)	0.00694	54.0	100.8
90(10)	0.01000	54.0	101.6
104(11)	0.00826	54.0	102.6
106(11)	0.00826	54.0	103.9
123(12)	0.00694	54.0	105.5
116(12)	0.00694	54.0	107.4
136(12)	0.00694	54.0	109.6
124(12)	0.00694	54.0	112.3
124(12)	0.00694	54.0	115.4
155(13)	0.00592	54.0	119.1
154(13)	0.00592	54.0	123.4
152(13)	0.00592	54.0	128.6
174(14)	0.00510	54.0	134.9
144(13)	0.00592	54.0	142.3
164(14)	0.00510	54.0	151.3
214(16)	0.00391	54.0	162.2
241(17)	0.003460	53.9	175.2
229(16)	0.00391	53.9	190.9
239(17)	0.003460	53.9	209.5
260(17)	0.003460	53.9	231.6
288(18)	0.003086	53.9	257.4
310(19)	0.002770	53.9	287.3
383(21)	0.002268	53.9	321.6
424(22)	0.002066	53.9	360.1
416(22)	0.002066	53.9	403.0
466(23)	0.001890	53.9	449.6
538(25)	0.001600	53.9	499.1
603(26)	0.001479	53.9	550.4
629(27)	0.001372	53.9	601.3
687(28)	0.001276	53.9	649.1
780(30)	0.001111	53.9	690.4
759(29)	0.001189	53.9	721.5
809(30)	0.001111	53.9	739.0
773(30)	0.001111	53.9	740.6
743(29)	0.001189	53.8	726.3
671(28)	0.001276	53.8	697.7
676(28)	0.001276	53.8	658.1
641(27)	0.001372	53.8	611.1
539(25)	0.001600	53.8	560.3
492(24)	0.001736	53.8	508.7
486(24)	0.001736	53.8	458.3
445(23)	0.001890	53.8	410.7
392(21)	0.002268	53.8	366.7
355(20)	0.002500	53.8	326.8
340(20)	0.002500	53.8	291.4
297(18)	0.003086	53.8	260.2
259(17)	0.003460	53.8	233.0
256(17)	0.003460	53.8	209.9
240(17)	0.003460	53.8	190.1
229(16)	0.00391	53.8	173.5

220(16)	0.00391	53.8	159.5
146(13)	0.00592	53.8	147.8
198(15)	0.00444	53.8	138.1
199(15)	0.00444	53.7	129.8
138(13)	0.00592	53.7	122.9
147(13)	0.00592	53.7	117.0
144(13)	0.00592	53.7	112.0
135(12)	0.00694	53.7	107.7
123(12)	0.00694	53.7	103.9
134(12)	0.00694	53.7	100.5
123(12)	0.00694	53.7	97.7
122(12)	0.00694	53.7	95.0
138(13)	0.00592	53.7	92.6
86(10)	0.01000	53.7	90.5
113(11)	0.00826	53.7	88.5
107(11)	0.00826	53.7	86.7
109(11)	0.00826	53.7	85.0
98(11)	0.00826	53.7	83.5
92(10)	0.01000	53.7	82.1
77(9)	0.01235	53.7	80.8
95(10)	0.01000	53.7	79.6
69(9)	0.01235	53.6	78.5
90(10)	0.01000	53.6	77.4
80(10)	0.01000	53.6	76.5
87(10)	0.01000	53.6	75.6
81(10)	0.01000	53.6	74.5
73(9)	0.01235	53.6	73.7
90(10)	0.01000	53.6	72.9
71(9)	0.01235	53.6	72.2
87(10)	0.01000	53.6	71.6
58(8)	0.01563	53.6	71.0
83(10)	0.01000	53.6	70.4
65(9)	0.01235	53.6	69.9
70(9)	0.01235	53.6	69.3
70(9)	0.01235	53.6	68.9
74(9)	0.01235	53.6	68.4
65(9)	0.01235	53.6	68.0
69(9)	0.01235	53.6	67.6
58(8)	0.01563	53.6	67.2
60(8)	0.01563	53.5	66.8
75(9)	0.01235	53.5	66.5
65(9)	0.01235	53.5	66.1
75(9)	0.01235	53.5	65.8
65(9)	0.01235	53.5	65.5
68(9)	0.01235	53.5	65.3
65(9)	0.01235	53.5	65.0
73(9)	0.01235	53.5	64.7
67(9)	0.01235	53.5	64.5
76(9)	0.01235	53.5	64.3
55(8)	0.01563	53.5	64.1
41(7)	0.02041	53.5	63.9
61(8)	0.01563	53.5	63.7
63(9)	0.01235	53.5	63.5
63(8)	0.01563	53.5	63.3

71(9)	0.01235	53.5	63.1
85(10)	0.01000	53.5	63.0
65(9)	0.01235	53.5	62.8
71(9)	0.01235	53.4	62.7
66(9)	0.01235	53.4	62.6
56(8)	0.01563	53.4	62.5
60(8)	0.01563	53.4	62.3
74(9)	0.01235	53.4	62.2
56(8)	0.01563	53.4	62.1
53(8)	0.01563	53.4	62.0
73(9)	0.01235	53.4	62.0
49(8)	0.01563	53.4	61.9
63(9)	0.01235	53.4	61.8
61(8)	0.01563	53.4	61.7
60(8)	0.01563	53.4	61.7
58(8)	0.01563	53.4	61.6
50(8)	0.01563	53.4	61.6
75(9)	0.01235	53.4	61.5
57(8)	0.01563	53.4	61.5
71(9)	0.01235	53.4	61.5
74(9)	0.01235	53.4	61.5
58(8)	0.01563	53.3	61.5
85(10)	0.01000	53.3	61.4
68(9)	0.01235	53.3	61.5
78(9)	0.01235	53.3	61.5
69(9)	0.01235	53.3	61.6
71(9)	0.01235	53.3	61.6
78(9)	0.01235	53.3	61.6
58(8)	0.01563	53.3	61.7
64(9)	0.01235	53.3	61.7
73(9)	0.01235	53.3	61.8
55(8)	0.01563	53.3	61.9
67(9)	0.01235	53.3	61.9
78(9)	0.01235	53.3	62.0
77(9)	0.01235	53.3	62.1
68(9)	0.01235	53.3	62.3
75(9)	0.01235	53.3	62.4
65(9)	0.01235	53.3	62.5
57(8)	0.01563	53.3	62.7
58(8)	0.01563	53.2	62.1
48(7)	0.02041	53.2	62.3
59(8)	0.01563	53.2	62.5
80(10)	0.01000	53.2	62.8
71(9)	0.01235	53.2	63.0
73(9)	0.01235	53.2	63.3
64(9)	0.01235	53.2	63.6
53(8)	0.01563	53.2	64.0
68(9)	0.01235	53.2	64.4
70(9)	0.01235	53.2	64.8
69(9)	0.01235	53.2	65.2
55(8)	0.01563	53.2	65.7
55(8)	0.01563	53.2	66.3
73(9)	0.01235	53.2	66.9
82(10)	0.01000	53.2	67.5

52(8)	0.01563	53.2	68.3
65(9)	0.01235	53.2	69.1
73(9)	0.01235	53.2	70.1
78(9)	0.01235	53.1	71.2
63(9)	0.01235	53.1	72.4
66(9)	0.01235	53.1	73.8
84(10)	0.01000	53.1	75.5
72(9)	0.01235	53.1	77.4
73(9)	0.01235	53.1	79.7
101(11)	0.00826	53.1	82.3
86(10)	0.01000	53.1	85.4
92(10)	0.01000	53.1	89.0
80(10)	0.01000	53.1	93.1
115(12)	0.00694	53.1	98.0
126(12)	0.00694	53.1	103.5
121(12)	0.00694	53.1	109.9
119(12)	0.00694	53.1	117.1
124(12)	0.00694	53.1	125.2
148(13)	0.00592	53.1	134.2
134(12)	0.00694	53.1	144.1
136(12)	0.00694	53.1	154.8
200(15)	0.00444	53.0	166.1
154(13)	0.00592	53.0	177.8
183(15)	0.00444	53.0	189.6
205(15)	0.00444	53.0	200.9
204(15)	0.00444	53.0	211.2
213(16)	0.00391	53.0	219.7
222(16)	0.00391	53.0	225.7
285(18)	0.003086	53.0	228.7
241(17)	0.003460	53.0	228.2
266(17)	0.003460	53.0	224.4
245(17)	0.003460	53.0	217.7
222(16)	0.00391	53.0	208.6
209(15)	0.00444	53.0	198.0
227(16)	0.00391	53.0	186.5
190(15)	0.00444	53.0	174.6
169(14)	0.00510	53.0	162.9
149(13)	0.00592	53.0	151.7
151(13)	0.00592	52.9	141.2
127(12)	0.00694	52.9	131.5
116(12)	0.00694	52.9	122.7
104(11)	0.00826	52.9	114.8
112(11)	0.00826	52.9	107.7
96(11)	0.00826	52.9	101.4
104(11)	0.00826	52.9	95.9
84(10)	0.01000	52.9	91.2
99(11)	0.00826	52.9	87.2
81(10)	0.01000	52.9	83.7
87(10)	0.01000	52.9	80.7
69(9)	0.01235	52.9	78.1
82(10)	0.01000	52.9	75.9
72(9)	0.01235	52.9	74.0
74(9)	0.01235	52.9	72.4
87(10)	0.01000	52.9	71.0

79(10)	0.01000	52.9	69.7
76(9)	0.01235	52.9	68.6
82(10)	0.01000	52.8	67.7
75(9)	0.01235	52.8	66.8
76(9)	0.01235	52.8	66.0
59(8)	0.01563	52.8	65.3
66(9)	0.01235	52.8	64.7
77(9)	0.01235	52.8	64.1
70(9)	0.01235	52.8	63.6
62(8)	0.01563	52.8	63.3
74(9)	0.01235	52.8	62.8
67(9)	0.01235	52.8	62.4
64(9)	0.01235	52.8	62.0
48(7)	0.02041	52.8	61.7
51(8)	0.01563	52.8	61.4
67(9)	0.01235	52.8	61.1
50(8)	0.01563	52.8	60.8
68(9)	0.01235	52.8	60.5
55(8)	0.01563	52.8	60.3
55(8)	0.01563	52.7	60.0
52(8)	0.01563	52.7	59.8
72(9)	0.01235	52.7	59.6
70(9)	0.01235	52.7	59.4
55(8)	0.01563	52.7	59.2
66(9)	0.01235	52.7	59.1
57(8)	0.01563	52.7	58.9
63(9)	0.01235	52.7	58.8
65(9)	0.01235	52.7	58.6
45(7)	0.02041	52.7	58.5
50(8)	0.01563	52.7	58.4
49(8)	0.01563	52.7	58.3
47(7)	0.02041	52.7	58.2
64(9)	0.01235	52.7	58.1
71(9)	0.01235	52.7	58.0
60(8)	0.01563	52.7	57.9
48(7)	0.02041	52.7	57.8
59(8)	0.01563	52.6	57.7
63(8)	0.01563	52.6	57.7
63(8)	0.01563	52.6	57.6
46(7)	0.02041	52.6	57.5
72(9)	0.01235	52.6	57.5
65(9)	0.01235	52.6	57.4
63(9)	0.01235	52.6	57.4
67(9)	0.01235	52.6	57.3
49(7)	0.02041	52.6	57.3
68(9)	0.01235	52.6	57.3
53(8)	0.01563	52.6	56.6
62(8)	0.01563	52.6	56.6
58(8)	0.01563	52.6	56.5
70(9)	0.01235	52.6	56.5
52(8)	0.01563	52.6	56.5
60(8)	0.01563	52.6	56.5
63(8)	0.01563	52.6	56.5
66(9)	0.01235	52.6	56.5

68(9)	0.01235	52.5	56.5
76(9)	0.01235	52.5	56.5
52(8)	0.01563	52.5	56.5
62(8)	0.01563	52.5	56.5
56(8)	0.01563	52.5	56.6
48(7)	0.02041	52.5	56.6
61(8)	0.01563	52.5	56.6
62(8)	0.01563	52.5	56.6
68(9)	0.01235	52.5	56.7
59(8)	0.01563	52.5	56.7
65(9)	0.01235	52.5	56.8
69(9)	0.01235	52.5	56.8
74(9)	0.01235	52.5	56.9
54(8)	0.01563	52.5	56.9
64(9)	0.01235	52.5	57.0
59(8)	0.01563	52.5	57.1
76(9)	0.01235	52.5	57.1
62(8)	0.01563	52.4	57.2
73(9)	0.01235	52.4	57.3
59(8)	0.01563	52.4	57.4
43(7)	0.02041	52.4	57.5
46(7)	0.02041	52.4	57.7
66(9)	0.01235	52.4	57.8
81(10)	0.01000	52.4	57.9
65(9)	0.01235	52.4	58.0
68(9)	0.01235	52.4	58.2
66(9)	0.01235	52.4	58.4
65(9)	0.01235	52.4	58.5
75(9)	0.01235	52.4	58.7
68(9)	0.01235	52.4	58.9
57(8)	0.01563	52.4	59.1
58(8)	0.01563	52.4	59.4
60(8)	0.01563	52.4	59.6
66(9)	0.01235	52.4	59.9
60(8)	0.01563	52.3	60.2
67(9)	0.01235	52.3	60.5
72(9)	0.01235	52.3	60.9
86(10)	0.01000	52.3	61.3
81(10)	0.01000	52.3	61.7
53(8)	0.01563	52.3	62.2
88(10)	0.01000	52.3	62.7
73(9)	0.01235	52.3	63.3
87(10)	0.01000	52.3	63.9
69(9)	0.01235	52.3	64.6
65(9)	0.01235	52.3	65.5
80(10)	0.01000	52.3	66.4
76(9)	0.01235	52.3	67.5
74(9)	0.01235	52.3	68.7
91(10)	0.01000	52.3	70.1
76(9)	0.01235	52.3	71.8
82(10)	0.01000	52.3	73.7
89(10)	0.01000	52.2	76.0
88(10)	0.01000	52.2	78.6
101(11)	0.00826	52.2	81.6

127(12)	0.00694	52.2	85.1
120(12)	0.00694	52.2	89.1
114(11)	0.00826	52.2	93.7
134(12)	0.00694	52.2	98.8
117(12)	0.00694	52.2	104.6
148(13)	0.00592	52.2	111.0
145(13)	0.00592	52.2	118.0
148(13)	0.00592	52.2	125.5
155(13)	0.00592	52.2	133.5
182(14)	0.00510	52.2	141.7
193(15)	0.00444	52.2	150.0
198(15)	0.00444	52.2	158.0
200(15)	0.00444	52.2	165.4
217(16)	0.00391	52.2	171.6
215(16)	0.00391	52.1	176.1
211(16)	0.00391	52.1	178.6
219(16)	0.00391	52.1	178.7
230(16)	0.00391	52.1	176.5
213(16)	0.00391	52.1	172.3
202(15)	0.00444	52.1	166.3
231(16)	0.00391	52.1	159.1
163(14)	0.00510	52.1	151.2
194(15)	0.00444	52.1	143.0
167(14)	0.00510	52.1	134.8
163(14)	0.00510	52.1	126.8
133(12)	0.00694	52.1	119.3
148(13)	0.00592	52.1	112.4
144(13)	0.00592	52.1	106.0
118(12)	0.00694	52.1	100.3
140(13)	0.00592	52.1	95.1
114(11)	0.00826	52.1	90.6
107(11)	0.00826	52.0	86.6
112(11)	0.00826	52.0	83.2
112(11)	0.00826	52.0	80.2
108(11)	0.00826	52.0	77.7
83(10)	0.01000	52.0	75.5
103(11)	0.00826	52.0	73.6
88(10)	0.01000	52.0	72.0
70(9)	0.01235	52.0	70.7
85(10)	0.01000	52.0	69.6
92(10)	0.01000	52.0	68.6
88(10)	0.01000	52.0	67.8
79(10)	0.01000	52.0	67.1
102(11)	0.00826	52.0	66.6
76(9)	0.01235	52.0	66.1
108(11)	0.00826	52.0	65.7
77(9)	0.01235	52.0	65.3
91(10)	0.01000	52.0	65.1
82(10)	0.01000	51.9	64.9
67(9)	0.01235	51.9	64.7
71(9)	0.01235	51.9	64.6
88(10)	0.01000	51.9	64.6
64(9)	0.01235	51.9	64.6
69(9)	0.01235	51.9	64.6

74(9)	0.01235	51.9	64.7
69(9)	0.01235	51.9	64.9
74(9)	0.01235	51.9	65.1
65(9)	0.01235	51.9	65.3
64(9)	0.01235	51.9	65.7
62(8)	0.01563	51.9	66.1
70(9)	0.01235	51.9	66.6
70(9)	0.01235	51.9	67.2
69(9)	0.01235	51.9	68.0
77(9)	0.01235	51.9	68.8
77(9)	0.01235	51.9	69.9
81(10)	0.01000	51.8	71.2
76(9)	0.01235	51.8	72.8
75(9)	0.01235	51.8	74.7
74(9)	0.01235	51.8	76.9
82(10)	0.01000	51.8	79.6
83(10)	0.01000	51.8	82.8
98(11)	0.00826	51.8	86.5
94(10)	0.01000	51.8	90.9
102(11)	0.00826	51.8	95.9
102(11)	0.00826	51.8	101.6
120(12)	0.00694	51.8	108.1
136(12)	0.00694	51.8	115.2
122(12)	0.00694	51.8	123.0
141(13)	0.00592	51.8	131.4
160(13)	0.00592	51.8	140.1
145(13)	0.00592	51.8	148.9
155(13)	0.00592	51.8	157.6
203(15)	0.00444	51.7	165.5
203(15)	0.00444	51.7	172.1
216(16)	0.00391	51.7	176.9
194(15)	0.00444	51.7	179.4
205(15)	0.00444	51.7	179.4
208(15)	0.00444	51.7	176.8
223(16)	0.00391	51.7	171.9
174(14)	0.00510	51.7	165.4
208(15)	0.00444	51.7	157.7
168(14)	0.00510	51.7	149.4
156(13)	0.00592	51.7	140.9
130(12)	0.00694	51.7	132.8
129(12)	0.00694	51.7	125.0
115(11)	0.00826	51.7	117.9
99(11)	0.00826	51.7	111.6
104(11)	0.00826	51.7	106.0
99(11)	0.00826	51.7	101.1
102(11)	0.00826	51.6	97.0
93(10)	0.01000	51.6	93.6
96(10)	0.01000	51.6	90.7
101(11)	0.00826	51.6	88.4
91(10)	0.01000	51.6	86.5
87(10)	0.01000	51.6	84.9
80(10)	0.01000	51.6	83.4
88(10)	0.01000	51.6	82.1
65(9)	0.01235	51.6	80.8

82(10)	0.01000	51.6	79.4
90(10)	0.01000	51.6	78.1
80(10)	0.01000	51.6	76.6
93(10)	0.01000	51.6	75.2
72(9)	0.01235	51.6	73.8
50(8)	0.01563	51.6	72.5
72(9)	0.01235	51.6	71.2
53(8)	0.01563	51.6	70.0
76(9)	0.01235	51.5	68.9
61(8)	0.01563	51.5	67.9
73(9)	0.01235	51.5	67.0
65(9)	0.01235	51.5	66.2
68(9)	0.01235	51.5	65.4
82(10)	0.01000	51.5	64.8
46(7)	0.02041	51.5	64.3
80(10)	0.01000	51.5	63.8
59(8)	0.01563	51.5	63.4
64(9)	0.01235	51.5	63.0
72(9)	0.01235	51.5	62.8
58(8)	0.01563	51.5	62.6
66(9)	0.01235	51.5	62.4
68(9)	0.01235	51.5	62.3
85(10)	0.01000	51.5	62.2
76(9)	0.01235	51.5	62.2
72(9)	0.01235	51.5	62.2
73(9)	0.01235	51.4	62.2
75(9)	0.01235	51.4	62.3
70(9)	0.01235	51.4	62.4
72(9)	0.01235	51.4	62.5
73(9)	0.01235	51.4	62.7
79(10)	0.01000	51.4	62.9
71(9)	0.01235	51.4	63.1
68(9)	0.01235	51.4	63.4
89(10)	0.01000	51.4	63.7
83(10)	0.01000	51.4	63.9
74(9)	0.01235	51.4	64.3
71(9)	0.01235	51.4	64.8
72(9)	0.01235	51.4	65.3
52(8)	0.01563	51.4	65.9
57(8)	0.01563	51.4	66.5
72(9)	0.01235	51.4	67.3
77(9)	0.01235	51.3	68.1
84(10)	0.01000	51.3	69.0
62(8)	0.01563	51.3	70.1
92(10)	0.01000	51.3	71.4
93(10)	0.01000	51.3	72.9
82(10)	0.01000	51.3	74.6
86(10)	0.01000	51.3	76.6
88(10)	0.01000	51.3	79.0
97(11)	0.00826	51.3	81.8
88(10)	0.01000	51.3	85.1
118(12)	0.00694	51.3	89.1
113(11)	0.00826	51.3	93.8
101(11)	0.00826	51.3	99.3

120(12)	0.00694	51.3	105.8
127(12)	0.00694	51.3	113.3
159(13)	0.00592	51.3	121.9
166(14)	0.00510	51.3	131.7
179(14)	0.00510	51.2	142.7
163(14)	0.00510	51.2	154.9
161(14)	0.00510	51.2	168.3
184(15)	0.00444	51.2	182.5
215(16)	0.00391	51.2	197.5
269(18)	0.003086	51.2	212.7
276(18)	0.003086	51.2	227.5
281(18)	0.003086	51.2	241.3
286(18)	0.003086	51.2	253.1
292(18)	0.003086	51.2	261.8
300(19)	0.002770	51.2	266.8
319(19)	0.002770	51.2	267.3
311(19)	0.002770	51.2	263.4
314(19)	0.002770	51.2	255.5
275(18)	0.003086	51.2	244.4
251(17)	0.003460	51.2	231.0
233(16)	0.00391	51.2	216.3
207(15)	0.00444	51.1	201.1
172(14)	0.00510	51.1	186.0
211(16)	0.00391	51.1	171.6
173(14)	0.00510	51.1	158.0
168(14)	0.00510	51.1	145.5
184(15)	0.00444	51.1	134.1
141(13)	0.00592	51.1	124.0
149(13)	0.00592	51.1	115.1
121(12)	0.00694	51.1	107.4
118(12)	0.00694	51.1	100.7
105(11)	0.00826	51.1	94.9
112(11)	0.00826	51.1	90.0
100(11)	0.00826	51.1	85.9
83(10)	0.01000	51.1	82.4
102(11)	0.00826	51.1	79.4
94(10)	0.01000	51.1	77.0
95(10)	0.01000	51.1	74.9
72(9)	0.01235	51.0	73.1
85(10)	0.01000	51.0	71.6
81(10)	0.01000	51.0	70.3
72(9)	0.01235	51.0	69.2
82(10)	0.01000	51.0	68.2
84(10)	0.01000	51.0	67.4
84(10)	0.01000	51.0	66.7
71(9)	0.01235	51.0	66.1
69(9)	0.01235	51.0	65.5
76(9)	0.01235	51.0	65.1
76(9)	0.01235	51.0	64.7
67(9)	0.01235	51.0	64.4
75(9)	0.01235	51.0	64.2
72(9)	0.01235	51.0	64.1
82(10)	0.01000	51.0	64.1
57(8)	0.01563	51.0	64.1

64(9)	0.01235	51.0	64.3
76(9)	0.01235	50.9	64.6
62(8)	0.01563	50.9	65.0
60(8)	0.01563	50.9	65.5
68(9)	0.01235	50.9	66.2
68(9)	0.01235	50.9	67.0
68(9)	0.01235	50.9	68.0
70(9)	0.01235	50.9	69.1
61(8)	0.01563	50.9	70.4
95(10)	0.01000	50.9	71.9
96(10)	0.01000	50.9	73.4
73(9)	0.01235	50.9	75.1
77(9)	0.01235	50.9	76.8
57(8)	0.01563	50.9	78.4
58(8)	0.01563	50.9	80.0
73(9)	0.01235	50.9	81.6
70(9)	0.01235	50.9	82.9
56(8)	0.01563	50.9	84.2
93(10)	0.01000	50.8	85.5
54(8)	0.01563	50.8	86.7
68(9)	0.01235	50.8	87.9
69(9)	0.01235	50.8	89.1
78(9)	0.01235	50.8	90.3
78(9)	0.01235	50.8	91.3
80(10)	0.01000	50.8	92.1
73(9)	0.01235	50.8	92.5
79(10)	0.01000	50.8	92.4
66(9)	0.01235	50.8	91.9
66(9)	0.01235	50.8	90.8
73(9)	0.01235	50.8	89.2
71(9)	0.01235	50.8	87.3
75(9)	0.01235	50.8	85.0
72(9)	0.01235	50.8	82.6
78(9)	0.01235	50.8	80.1
59(8)	0.01563	50.7	77.7
56(8)	0.01563	50.7	75.3
77(9)	0.01235	50.7	73.0
66(9)	0.01235	50.7	70.9
68(9)	0.01235	50.7	69.0
81(10)	0.01000	50.7	67.2
69(9)	0.01235	50.7	65.7
74(9)	0.01235	50.7	64.2
77(9)	0.01235	50.7	63.0
66(9)	0.01235	50.7	61.9
56(8)	0.01563	50.7	60.9
54(8)	0.01563	50.7	60.0
64(9)	0.01235	50.7	59.3
70(9)	0.01235	50.7	58.6
75(9)	0.01235	50.7	58.1
58(8)	0.01563	50.7	57.6
53(8)	0.01563	50.7	57.1
51(8)	0.01563	50.6	56.7
71(9)	0.01235	50.6	56.4
45(7)	0.02041	50.6	56.1

68(9)	0.01235	50.6	56.0
56(8)	0.01563	50.6	55.7
57(8)	0.01563	50.6	55.5
51(8)	0.01563	50.6	55.3
65(9)	0.01235	50.6	55.1
80(10)	0.01000	50.6	55.0
51(8)	0.01563	50.6	54.8
56(8)	0.01563	50.6	54.7
54(8)	0.01563	50.6	54.5
66(9)	0.01235	50.6	54.4
59(8)	0.01563	50.6	54.3
52(8)	0.01563	50.6	54.2
67(9)	0.01235	50.6	54.1
49(8)	0.01563	50.6	54.0
58(8)	0.01563	50.5	53.9
59(8)	0.01563	50.5	53.8
51(8)	0.01563	50.5	53.7
62(8)	0.01563	50.5	53.7
51(8)	0.01563	50.5	53.6
75(9)	0.01235	50.5	53.5
68(9)	0.01235	50.5	53.5
50(8)	0.01563	50.5	53.3
48(7)	0.02041	50.5	53.2
67(9)	0.01235	50.5	53.2
63(9)	0.01235	50.5	53.1
52(8)	0.01563	50.5	53.1
57(8)	0.01563	50.5	53.0
81(10)	0.01000	50.5	53.0
53(8)	0.01563	50.5	53.0
48(7)	0.02041	50.5	52.9
57(8)	0.01563	50.5	52.9
66(9)	0.01235	50.4	52.8
57(8)	0.01563	50.4	52.8
60(8)	0.01563	50.4	52.8
68(9)	0.01235	50.4	52.8
80(10)	0.01000	50.4	52.7
51(8)	0.01563	50.4	52.7
69(9)	0.01235	50.4	52.7
55(8)	0.01563	50.4	52.7
63(8)	0.01563	50.4	52.6
45(7)	0.02041	50.4	52.6
56(8)	0.01563	50.4	52.6
53(8)	0.01563	50.4	52.6
51(8)	0.01563	50.4	52.6
63(8)	0.01563	50.4	52.5
58(8)	0.01563	50.4	52.5
74(9)	0.01235	50.4	52.5
70(9)	0.01235	50.4	52.5
77(9)	0.01235	50.3	52.5
70(9)	0.01235	50.3	52.5
40(7)	0.02041	50.3	52.5
62(8)	0.01563	50.3	52.5
52(8)	0.01563	50.3	52.5
47(7)	0.02041	50.3	52.5

54(8)	0.01563	50.3	52.5
52(8)	0.01563	50.3	52.5
56(8)	0.01563	50.3	52.5
58(8)	0.01563	50.3	52.5
49(8)	0.01563	50.3	52.5
61(8)	0.01563	50.3	52.5
66(9)	0.01235	50.3	52.5
53(8)	0.01563	50.3	52.5
65(9)	0.01235	50.3	52.5
66(9)	0.01235	50.3	52.5
60(8)	0.01563	50.3	52.5
63(9)	0.01235	50.2	52.5
49(8)	0.01563	50.2	52.5
57(8)	0.01563	50.2	52.5
49(8)	0.01563	50.2	52.5
53(8)	0.01563	50.2	52.6
46(7)	0.02041	50.2	52.6
61(8)	0.01563	50.2	52.6
57(8)	0.01563	50.2	52.6
70(9)	0.01235	50.2	52.7
64(9)	0.01235	50.2	52.7
64(9)	0.01235	50.2	52.7
51(8)	0.01563	50.2	52.7
53(8)	0.01563	50.2	52.8
53(8)	0.01563	50.2	52.8
67(9)	0.01235	50.2	52.8
57(8)	0.01563	50.2	52.9
53(8)	0.01563	50.2	52.9
56(8)	0.01563	50.1	53.0
46(7)	0.02041	50.1	53.0
65(9)	0.01235	50.1	53.1
43(7)	0.02041	50.1	53.1
72(9)	0.01235	50.1	53.2
66(9)	0.01235	50.1	53.3
67(9)	0.01235	50.1	53.3
66(9)	0.01235	50.1	53.4
57(8)	0.01563	50.1	53.5
63(8)	0.01563	50.1	53.5
67(9)	0.01235	50.1	53.6
53(8)	0.01563	50.1	53.7
56(8)	0.01563	50.1	53.8
58(8)	0.01563	50.1	53.9
57(8)	0.01563	50.1	54.0
53(8)	0.01563	50.1	54.1
54(8)	0.01563	50.1	54.3
66(9)	0.01235	50.0	54.4
68(9)	0.01235	50.0	54.6
54(8)	0.01563	50.0	54.8
62(8)	0.01563	50.0	55.0
69(9)	0.01235	50.0	55.2
47(7)	0.02041	50.0	55.4
62(8)	0.01563	50.0	55.7
64(9)	0.01235	50.0	55.9
47(7)	0.02041	50.0	56.2

63(9)	0.01235	50.0	56.6
68(9)	0.01235	50.0	57.0
60(8)	0.01563	50.0	57.4
50(8)	0.01563	50.0	57.9
78(9)	0.01235	50.0	58.4
77(9)	0.01235	50.0	59.0
76(9)	0.01235	50.0	59.7
59(8)	0.01563	50.0	60.5
73(9)	0.01235	49.9	61.3
87(10)	0.01000	49.9	62.3
73(9)	0.01235	49.9	63.4
83(10)	0.01000	49.9	64.7
84(10)	0.01000	49.9	66.1
74(9)	0.01235	49.9	67.6
89(10)	0.01000	49.9	69.3
78(9)	0.01235	49.9	71.2
84(10)	0.01000	49.9	73.3
107(11)	0.00826	49.9	75.6
117(12)	0.00694	49.9	78.0
98(11)	0.00826	49.9	80.6
104(11)	0.00826	49.9	83.4
124(12)	0.00694	49.9	86.4
109(11)	0.00826	49.9	89.5
153(13)	0.00592	49.9	92.7
122(12)	0.00694	49.9	96.1
136(13)	0.00592	49.8	99.6
166(14)	0.00510	49.8	103.4
157(13)	0.00592	49.8	107.6
151(13)	0.00592	49.8	112.1
154(13)	0.00592	49.8	117.3
143(13)	0.00592	49.8	123.0
135(12)	0.00694	49.8	129.3
137(13)	0.00592	49.8	136.2
175(14)	0.00510	49.8	143.5
146(13)	0.00592	49.8	150.9
166(14)	0.00510	49.8	158.2
176(14)	0.00510	49.8	164.7
176(14)	0.00510	49.8	170.0
195(15)	0.00444	49.8	173.4
175(14)	0.00510	49.8	174.6
175(14)	0.00510	49.8	173.2
166(14)	0.00510	49.8	169.3
144(13)	0.00592	49.7	163.4
155(13)	0.00592	49.7	155.8
132(12)	0.00694	49.7	147.2
112(11)	0.00826	49.7	138.2
103(11)	0.00826	49.7	129.2
97(11)	0.00826	49.7	120.4
90(10)	0.01000	49.7	112.1
84(10)	0.01000	49.7	104.5
89(10)	0.01000	49.7	97.6
81(10)	0.01000	49.7	91.5
82(10)	0.01000	49.7	86.1
69(9)	0.01235	49.7	81.5

70(9)	0.01235	49.7	77.5
71(9)	0.01235	49.7	74.2
81(10)	0.01000	49.7	71.4
62(8)	0.01563	49.7	69.0
78(9)	0.01235	49.7	67.1
66(9)	0.01235	49.7	65.5
76(9)	0.01235	49.6	64.2
73(9)	0.01235	49.6	63.1
65(9)	0.01235	49.6	62.1
68(9)	0.01235	49.6	61.4
72(9)	0.01235	49.6	60.7
70(9)	0.01235	49.6	60.1
78(9)	0.01235	49.6	59.7
52(8)	0.01563	49.6	59.3
72(9)	0.01235	49.6	58.9
55(8)	0.01563	49.6	58.6
75(9)	0.01235	49.6	58.3
64(9)	0.01235	49.6	58.1
70(9)	0.01235	49.6	57.9
63(8)	0.01563	49.6	57.8
70(9)	0.01235	49.6	57.5
67(9)	0.01235	49.6	57.4
55(8)	0.01563	49.6	57.3
54(8)	0.01563	49.5	57.3
69(9)	0.01235	49.5	57.2
58(8)	0.01563	49.5	57.2
48(7)	0.02041	49.5	57.3
58(8)	0.01563	49.5	57.3
60(8)	0.01563	49.5	57.4
68(9)	0.01235	49.5	57.5
58(8)	0.01563	49.5	57.6
70(9)	0.01235	49.5	57.8
63(8)	0.01563	49.5	58.0
64(9)	0.01235	49.5	58.2
71(9)	0.01235	49.5	58.5
68(9)	0.01235	49.5	58.8
67(9)	0.01235	49.5	59.2
58(8)	0.01563	49.5	59.6
55(8)	0.01563	49.5	60.1
64(9)	0.01235	49.5	60.6
64(9)	0.01235	49.4	61.3
71(9)	0.01235	49.4	62.1
61(8)	0.01563	49.4	63.0
48(7)	0.02041	49.4	64.2
80(10)	0.01000	49.4	65.6
73(9)	0.01235	49.4	67.2
68(9)	0.01235	49.4	69.2
75(9)	0.01235	49.4	71.7
98(11)	0.00826	49.4	74.6
68(9)	0.01235	49.4	78.1
65(9)	0.01235	49.4	82.3
98(11)	0.00826	49.4	87.2
72(9)	0.01235	49.4	92.9
94(10)	0.01000	49.4	99.4

96(10)	0.01000	49.4	107.0
95(10)	0.01000	49.4	115.3
101(11)	0.00826	49.4	124.4
136(13)	0.00592	49.4	134.1
132(12)	0.00694	49.3	144.3
115(12)	0.00694	49.3	154.6
110(11)	0.00826	49.3	164.7
138(13)	0.00592	49.3	174.0
143(13)	0.00592	49.3	181.7
147(13)	0.00592	49.3	187.3
134(12)	0.00694	49.3	190.1
144(13)	0.00592	49.3	189.9
134(12)	0.00694	49.3	186.6
148(13)	0.00592	49.3	180.7
136(12)	0.00694	49.3	172.6
126(12)	0.00694	49.3	163.2
133(12)	0.00694	49.3	153.0
106(11)	0.00826	49.3	142.6
110(11)	0.00826	49.3	132.4
122(12)	0.00694	49.3	122.7
118(12)	0.00694	49.3	113.6
109(11)	0.00826	49.2	105.4
87(10)	0.01000	49.2	98.0
87(10)	0.01000	49.2	91.5
80(10)	0.01000	49.2	85.9
82(10)	0.01000	49.2	81.0
79(10)	0.01000	49.2	76.8
86(10)	0.01000	49.2	73.3
62(8)	0.01563	49.2	70.4
73(9)	0.01235	49.2	68.0
82(10)	0.01000	49.2	65.9
57(8)	0.01563	49.2	64.2
84(10)	0.01000	49.2	62.8
58(8)	0.01563	49.2	61.6
44(7)	0.02041	49.2	60.6
57(8)	0.01563	49.2	59.7
74(9)	0.01235	49.2	59.0
67(9)	0.01235	49.2	58.3
65(9)	0.01235	49.2	57.8
68(9)	0.01235	49.1	57.2
62(8)	0.01563	49.1	56.8
51(8)	0.01563	49.1	56.4
48(7)	0.02041	49.1	56.0
67(9)	0.01235	49.1	55.7
64(9)	0.01235	49.1	55.3
53(8)	0.01563	49.1	55.0
60(8)	0.01563	49.1	54.8
74(9)	0.01235	49.1	54.5
74(9)	0.01235	49.1	54.3
66(9)	0.01235	49.1	54.1
65(9)	0.01235	49.1	53.9
52(8)	0.01563	49.1	53.7
54(8)	0.01563	49.1	53.5
50(8)	0.01563	49.1	53.4

60(8)	0.01563	49.1	53.2
57(8)	0.01563	49.1	53.1
59(8)	0.01563	49.0	53.0
57(8)	0.01563	49.0	52.8
68(9)	0.01235	49.0	52.7
64(9)	0.01235	49.0	52.6
54(8)	0.01563	49.0	52.5
68(9)	0.01235	49.0	52.4
70(9)	0.01235	49.0	52.3
73(9)	0.01235	49.0	52.2
55(8)	0.01563	49.0	52.2
68(9)	0.01235	49.0	52.1
70(9)	0.01235	49.0	52.0
56(8)	0.01563	49.0	51.9
49(8)	0.01563	49.0	51.9
73(9)	0.01235	49.0	51.8
63(8)	0.01563	49.0	51.8
65(9)	0.01235	49.0	51.7
60(8)	0.01563	49.0	51.7
47(7)	0.02041	49.0	51.6
50(8)	0.01563	48.9	51.6
57(8)	0.01563	48.9	51.5
53(8)	0.01563	48.9	51.5
58(8)	0.01563	48.9	51.5
55(8)	0.01563	48.9	51.4
58(8)	0.01563	48.9	51.4
58(8)	0.01563	48.9	51.4
65(9)	0.01235	48.9	51.3
59(8)	0.01563	48.9	51.3
49(8)	0.01563	48.9	51.3
57(8)	0.01563	48.9	51.3
57(8)	0.01563	48.9	51.3
55(8)	0.01563	48.9	51.2
59(8)	0.01563	48.9	51.2
67(9)	0.01235	48.9	51.2
51(8)	0.01563	48.9	51.2
44(7)	0.02041	48.9	51.2
56(8)	0.01563	48.9	51.2
58(8)	0.01563	48.8	51.2
56(8)	0.01563	48.8	51.2
59(8)	0.01563	48.8	51.2
62(8)	0.01563	48.8	51.2
63(9)	0.01235	48.8	51.2
69(9)	0.01235	48.8	51.2
70(9)	0.01235	48.8	51.2
62(8)	0.01563	48.8	51.2
71(9)	0.01235	48.8	51.2
62(8)	0.01563	48.8	51.3
58(8)	0.01563	48.8	51.3
55(8)	0.01563	48.8	51.3
62(8)	0.01563	48.8	51.3
60(8)	0.01563	48.8	51.4
48(7)	0.02041	48.8	51.4
55(8)	0.01563	48.8	51.4

58(8)	0.01563	48.8	51.5
58(8)	0.01563	48.8	51.5
57(8)	0.01563	48.7	51.6
67(9)	0.01235	48.7	51.6
54(8)	0.01563	48.7	51.7
46(7)	0.02041	48.7	51.7
65(9)	0.01235	48.7	51.8
73(9)	0.01235	48.7	51.9
46(7)	0.02041	48.7	51.9
55(8)	0.01563	48.7	52.0
52(8)	0.01563	48.7	52.1
69(9)	0.01235	48.7	52.2
50(8)	0.01563	48.7	52.3
61(8)	0.01563	48.7	52.4
56(8)	0.01563	48.7	52.6
60(8)	0.01563	48.7	52.7
65(9)	0.01235	48.7	52.9
49(8)	0.01563	48.7	53.0
68(9)	0.01235	48.7	53.2
69(9)	0.01235	48.6	53.4
57(8)	0.01563	48.6	53.6
45(7)	0.02041	48.6	53.9
61(8)	0.01563	48.6	54.2
64(9)	0.01235	48.6	54.5
68(9)	0.01235	48.6	54.9
55(8)	0.01563	48.6	55.3
52(8)	0.01563	48.6	55.8
70(9)	0.01235	48.6	56.4
65(9)	0.01235	48.6	57.1
56(8)	0.01563	48.6	57.9
71(9)	0.01235	48.6	58.9
74(9)	0.01235	48.6	60.0
62(8)	0.01563	48.6	61.5
66(9)	0.01235	48.6	63.1
63(8)	0.01563	48.6	65.1
74(9)	0.01235	48.6	67.5
69(9)	0.01235	48.6	70.2
94(10)	0.01000	48.6	73.4
86(10)	0.01000	48.5	77.0
79(10)	0.01000	48.5	81.0
97(11)	0.00826	48.5	85.5
94(10)	0.01000	48.5	90.3
128(12)	0.00694	48.5	95.5
115(12)	0.00694	48.5	100.8
106(11)	0.00826	48.5	106.2
128(12)	0.00694	48.5	111.4
154(13)	0.00592	48.5	116.1
132(12)	0.00694	48.5	120.0
158(13)	0.00592	48.5	122.7
174(14)	0.00510	48.5	124.0
153(13)	0.00592	48.5	123.7
174(14)	0.00510	48.5	121.9
159(13)	0.00592	48.5	118.7
136(12)	0.00694	48.5	114.5

111(11)	0.00826	48.5	109.7
120(12)	0.00694	48.5	104.4
107(11)	0.00826	48.4	99.1
99(11)	0.00826	48.4	93.8
96(10)	0.01000	48.4	88.8
94(10)	0.01000	48.4	84.2
77(9)	0.01235	48.4	80.0
90(10)	0.01000	48.4	76.2
97(11)	0.00826	48.4	72.8
71(9)	0.01235	48.4	69.9
83(10)	0.01000	48.4	67.4
75(9)	0.01235	48.4	65.3
79(10)	0.01000	48.4	63.5
56(8)	0.01563	48.4	62.0
52(8)	0.01563	48.4	60.8
98(11)	0.00826	48.4	59.7
66(9)	0.01235	48.4	58.9
64(9)	0.01235	48.4	58.3
74(9)	0.01235	48.4	57.7
70(9)	0.01235	48.4	57.3
59(8)	0.01563	48.3	57.0
74(9)	0.01235	48.3	56.7
65(9)	0.01235	48.3	56.5
75(9)	0.01235	48.3	56.3
57(8)	0.01563	48.3	56.2
56(8)	0.01563	48.3	56.1
68(9)	0.01235	48.3	56.1
65(9)	0.01235	48.3	56.1
57(8)	0.01563	48.3	56.1
53(8)	0.01563	48.3	56.2
56(8)	0.01563	48.3	56.2
47(7)	0.02041	48.3	56.3
78(9)	0.01235	48.3	56.5
58(8)	0.01563	48.3	56.7
66(9)	0.01235	48.3	57.0
70(9)	0.01235	48.3	57.3
66(9)	0.01235	48.3	57.7
58(8)	0.01563	48.3	58.1
61(8)	0.01563	48.2	58.6
71(9)	0.01235	48.2	59.2
79(10)	0.01000	48.2	59.9
65(9)	0.01235	48.2	60.7
79(10)	0.01000	48.2	61.7
68(9)	0.01235	48.2	62.9
68(9)	0.01235	48.2	64.4
81(10)	0.01000	48.2	66.1
69(9)	0.01235	48.2	68.3
72(9)	0.01235	48.2	70.8
66(9)	0.01235	48.2	73.8
75(9)	0.01235	48.2	77.4
67(9)	0.01235	48.2	81.7
92(10)	0.01000	48.2	86.6
93(10)	0.01000	48.2	92.2
107(11)	0.00826	48.2	98.6

112(11)	0.00826	48.2	105.8
107(11)	0.00826	48.2	113.7
122(12)	0.00694	48.2	122.2
130(12)	0.00694	48.1	131.2
121(12)	0.00694	48.1	140.5
140(13)	0.00592	48.1	149.7
166(14)	0.00510	48.1	158.4
193(15)	0.00444	48.1	166.2
162(14)	0.00510	48.1	172.4
191(15)	0.00444	48.1	176.5
187(15)	0.00444	48.1	178.0
182(14)	0.00510	48.1	177.1
158(13)	0.00592	48.1	173.4
166(14)	0.00510	48.1	167.4
185(15)	0.00444	48.1	159.8
150(13)	0.00592	48.1	151.1
138(13)	0.00592	48.1	141.9
148(13)	0.00592	48.1	132.6
124(12)	0.00694	48.1	123.5
111(11)	0.00826	48.1	114.8
101(11)	0.00826	48.1	106.6
95(11)	0.00826	48.1	99.3
104(11)	0.00826	48.0	92.7
88(10)	0.01000	48.0	86.9
96(11)	0.00826	48.0	81.8
103(11)	0.00826	48.0	77.4
69(9)	0.01235	48.0	73.6
65(9)	0.01235	48.0	70.5
61(8)	0.01563	48.0	67.8
82(10)	0.01000	48.0	65.5
68(9)	0.01235	48.0	63.6
80(10)	0.01000	48.0	62.1
81(10)	0.01000	48.0	60.7
66(9)	0.01235	48.0	59.6
64(9)	0.01235	48.0	58.7
52(8)	0.01563	48.0	57.9
58(8)	0.01563	48.0	57.2
62(8)	0.01563	48.0	56.6
68(9)	0.01235	48.0	56.0
66(9)	0.01235	48.0	55.5
56(8)	0.01563	47.9	55.1
67(9)	0.01235	47.9	54.7
56(8)	0.01563	47.9	54.4
54(8)	0.01563	47.9	54.0
69(9)	0.01235	47.9	53.7
61(8)	0.01563	47.9	53.5
60(8)	0.01563	47.9	53.2
61(8)	0.01563	47.9	53.0
71(9)	0.01235	47.9	52.8
77(9)	0.01235	47.9	52.6
68(9)	0.01235	47.9	52.4
45(7)	0.02041	47.9	52.2
68(9)	0.01235	47.9	52.1
73(9)	0.01235	47.9	51.9

63(8)	0.01563	47.9	51.8
63(8)	0.01563	47.9	51.7
49(8)	0.01563	47.9	51.5
55(8)	0.01563	47.9	51.4
56(8)	0.01563	47.9	51.3
64(9)	0.01235	47.8	51.2
64(9)	0.01235	47.8	51.1
57(8)	0.01563	47.8	51.3
49(8)	0.01563	47.8	51.2
77(9)	0.01235	47.8	51.1
72(9)	0.01235	47.8	51.1
60(8)	0.01563	47.8	51.0
64(9)	0.01235	47.8	51.0
51(8)	0.01563	47.8	51.0
58(8)	0.01563	47.8	50.9
73(9)	0.01235	47.8	50.9
58(8)	0.01563	47.8	50.9
44(7)	0.02041	47.8	50.9
52(8)	0.01563	47.8	50.9
51(8)	0.01563	47.8	50.9
63(9)	0.01235	47.8	50.9
57(8)	0.01563	47.8	51.0
60(8)	0.01563	47.8	51.0
72(9)	0.01235	47.8	51.1
62(8)	0.01563	47.7	51.2
59(8)	0.01563	47.7	51.3
48(7)	0.02041	47.7	51.3
55(8)	0.01563	47.7	51.4
50(8)	0.01563	47.7	51.5
52(8)	0.01563	47.7	51.7
67(9)	0.01235	47.7	51.7
53(8)	0.01563	47.7	51.8
61(8)	0.01563	47.7	51.9
41(7)	0.02041	47.7	52.0
58(8)	0.01563	47.7	52.0
45(7)	0.02041	47.7	52.0
70(9)	0.01235	47.7	51.9
67(9)	0.01235	47.7	51.8
78(9)	0.01235	47.7	51.7
54(8)	0.01563	47.7	51.6
72(9)	0.01235	47.7	51.5
61(8)	0.01563	47.7	51.3
56(8)	0.01563	47.7	51.2
51(8)	0.01563	47.6	51.0
44(7)	0.02041	47.6	50.9
55(8)	0.01563	47.6	50.7
50(8)	0.01563	47.6	50.6
63(9)	0.01235	47.6	50.5
59(8)	0.01563	47.6	50.4
66(9)	0.01235	47.6	50.3
51(8)	0.01563	47.6	50.2
59(8)	0.01563	47.6	50.1
54(8)	0.01563	47.6	50.0
56(8)	0.01563	47.6	50.0

59(8)	0.01563	47.6	49.9
58(8)	0.01563	47.6	49.9
63(8)	0.01563	47.6	49.8
59(8)	0.01563	47.6	49.8
55(8)	0.01563	47.6	49.8
50(8)	0.01563	47.6	49.7
56(8)	0.01563	47.6	49.7
60(8)	0.01563	47.6	49.7
53(8)	0.01563	47.6	49.7
62(8)	0.01563	47.5	49.7
67(9)	0.01235	47.5	49.7
50(8)	0.01563	47.5	49.6
58(8)	0.01563	47.5	49.6
41(7)	0.02041	47.5	49.6
62(8)	0.01563	47.5	49.6
58(8)	0.01563	47.5	49.6
61(8)	0.01563	47.5	49.6
59(8)	0.01563	47.5	49.6
60(8)	0.01563	47.5	49.6
58(8)	0.01563	47.5	49.6
88(10)	0.01000	47.5	49.6
51(8)	0.01563	47.5	49.6
66(9)	0.01235	47.5	49.6
65(9)	0.01235	47.5	49.6
54(8)	0.01563	47.5	49.7
52(8)	0.01563	47.5	49.7
79(10)	0.01000	47.5	49.7
57(8)	0.01563	47.5	49.7
63(9)	0.01235	47.4	49.7
74(9)	0.01235	47.4	49.7
63(9)	0.01235	47.4	49.7
58(8)	0.01563	47.4	49.8
69(9)	0.01235	47.4	49.8
41(7)	0.02041	47.4	49.8
59(8)	0.01563	47.4	49.8
74(9)	0.01235	47.4	49.8
61(8)	0.01563	47.4	49.9
55(8)	0.01563	47.4	49.9
44(7)	0.02041	47.4	49.9
37(7)	0.02041	47.4	50.0
64(9)	0.01235	47.4	50.0
57(8)	0.01563	47.4	50.0
68(9)	0.01235	47.4	50.1
62(8)	0.01563	47.4	50.1
72(9)	0.01235	47.4	50.2
47(7)	0.02041	47.4	50.2
63(9)	0.01235	47.4	50.3
66(9)	0.01235	47.4	50.3
57(8)	0.01563	47.3	50.4
66(9)	0.01235	47.3	50.4
47(7)	0.02041	47.3	50.5
57(8)	0.01563	47.3	50.6
66(9)	0.01235	47.3	50.7
55(8)	0.01563	47.3	50.8

49(7)	0.02041	47.3	50.9
68(9)	0.01235	47.3	51.0
51(8)	0.01563	47.3	51.1
56(8)	0.01563	47.3	51.3
58(8)	0.01563	47.3	51.5
65(9)	0.01235	47.3	51.6
71(9)	0.01235	47.3	51.8
73(9)	0.01235	47.3	52.1
55(8)	0.01563	47.3	52.3
66(9)	0.01235	47.3	52.7
51(8)	0.01563	47.3	53.0
53(8)	0.01563	47.3	53.4
80(10)	0.01000	47.3	53.9
68(9)	0.01235	47.3	54.4
57(8)	0.01563	47.2	55.0
51(8)	0.01563	47.2	55.6
69(9)	0.01235	47.2	56.3
69(9)	0.01235	47.2	57.1
53(8)	0.01563	47.2	57.9
60(8)	0.01563	47.2	58.7
72(9)	0.01235	47.2	59.6
84(10)	0.01000	47.2	60.5
57(8)	0.01563	47.2	61.5
61(8)	0.01563	47.2	62.4
67(9)	0.01235	47.2	63.2
92(10)	0.01000	47.2	63.9
59(8)	0.01563	47.2	64.5
78(10)	0.01000	47.2	64.9
77(9)	0.01235	47.2	65.1
67(9)	0.01235	47.2	65.1
70(9)	0.01235	47.2	64.9
51(8)	0.01563	47.2	64.4
79(10)	0.01000	47.2	63.8
58(8)	0.01563	47.2	63.1
49(8)	0.01563	47.1	62.3
71(9)	0.01235	47.1	61.5
53(8)	0.01563	47.1	60.7
65(9)	0.01235	47.1	59.8
84(10)	0.01000	47.1	59.1
64(9)	0.01235	47.1	58.3
57(8)	0.01563	47.1	57.7
57(8)	0.01563	47.1	57.1
77(9)	0.01235	47.1	56.5
64(9)	0.01235	47.1	56.0
79(10)	0.01000	47.1	55.6
61(8)	0.01563	47.1	55.2
70(9)	0.01235	47.1	54.9
71(9)	0.01235	47.1	54.6
60(8)	0.01563	47.1	54.4
57(8)	0.01563	47.1	54.2
58(8)	0.01563	47.1	54.1
57(8)	0.01563	47.1	54.0
72(9)	0.01235	47.1	53.9
65(9)	0.01235	47.1	53.9

48(7)	0.02041	47.0	53.9
65(9)	0.01235	47.0	53.9
55(8)	0.01563	47.0	53.9
40(7)	0.02041	47.0	53.9
68(9)	0.01235	47.0	54.0
59(8)	0.01563	47.0	54.0
56(8)	0.01563	47.0	54.1
59(8)	0.01563	47.0	54.2
49(8)	0.01563	47.0	54.3
60(8)	0.01563	47.0	54.4
55(8)	0.01563	47.0	54.6
55(8)	0.01563	47.0	54.7
55(8)	0.01563	47.0	54.9
52(8)	0.01563	47.0	55.0
52(8)	0.01563	47.0	55.2
49(8)	0.01563	47.0	55.4
53(8)	0.01563	47.0	55.6
54(8)	0.01563	47.0	55.8
59(8)	0.01563	47.0	56.1
81(10)	0.01000	47.0	56.3
47(7)	0.02041	47.0	56.6
59(8)	0.01563	46.9	56.9
58(8)	0.01563	46.9	57.2
58(8)	0.01563	46.9	57.5
68(9)	0.01235	46.9	57.9
56(8)	0.01563	46.9	58.2
56(8)	0.01563	46.9	58.6
69(9)	0.01235	46.9	59.0
61(8)	0.01563	46.9	59.5
53(8)	0.01563	46.9	60.0
68(9)	0.01235	46.9	60.5
54(8)	0.01563	46.9	61.0
64(9)	0.01235	46.9	61.6
65(9)	0.01235	46.9	62.2
64(9)	0.01235	46.9	62.9
56(8)	0.01563	46.9	63.6
67(9)	0.01235	46.9	64.4
63(9)	0.01235	46.9	65.3
65(9)	0.01235	46.9	66.2
82(10)	0.01000	46.9	67.2
65(9)	0.01235	46.9	68.3
77(9)	0.01235	46.8	69.6
76(9)	0.01235	46.8	71.0
63(9)	0.01235	46.8	72.5
71(9)	0.01235	46.8	74.2
86(10)	0.01000	46.8	76.2
66(9)	0.01235	46.8	78.4
108(11)	0.00826	46.8	81.0
111(11)	0.00826	46.8	84.0
77(9)	0.01235	46.8	87.4
68(9)	0.01235	46.8	91.4
80(10)	0.01000	46.8	96.0
93(10)	0.01000	46.8	101.4
83(10)	0.01000	46.8	107.6

95(10)	0.01000	46.8	114.8
99(11)	0.00826	46.8	123.0
106(11)	0.00826	46.8	132.5
119(12)	0.00694	46.8	143.1
131(12)	0.00694	46.8	155.1
137(13)	0.00592	46.8	168.5
157(13)	0.00592	46.8	183.2
193(15)	0.00444	46.8	199.3
172(14)	0.00510	46.7	216.5
234(16)	0.00391	46.7	234.8
232(16)	0.00391	46.7	253.7
275(18)	0.003086	46.7	272.9
313(19)	0.002770	46.7	291.6
315(19)	0.002770	46.7	309.3
370(21)	0.002268	46.7	324.8
375(21)	0.002268	46.7	337.3
444(23)	0.001890	46.7	345.8
403(22)	0.002066	46.7	349.6
377(21)	0.002268	46.7	348.3
378(21)	0.002268	46.7	342.2
364(20)	0.002500	46.7	331.7
318(19)	0.002770	46.7	317.8
285(18)	0.003086	46.7	301.4
267(18)	0.003086	46.7	283.5
231(16)	0.00391	46.7	265.0
204(15)	0.00444	46.7	246.5
187(15)	0.00444	46.7	228.5
164(14)	0.00510	46.7	211.5
153(13)	0.00592	46.7	195.6
156(13)	0.00592	46.7	181.0
149(13)	0.00592	46.6	167.8
163(14)	0.00510	46.6	156.0
123(12)	0.00694	46.6	145.7
102(11)	0.00826	46.6	136.6
119(12)	0.00694	46.6	128.8
108(11)	0.00826	46.6	122.2
88(10)	0.01000	46.6	116.7
112(11)	0.00826	46.6	112.2
88(10)	0.01000	46.6	108.6
97(11)	0.00826	46.6	105.8
104(11)	0.00826	46.6	103.8
98(11)	0.00826	46.6	102.5
118(12)	0.00694	46.6	101.9
104(11)	0.00826	46.6	101.9
96(11)	0.00826	46.6	102.7
106(11)	0.00826	46.6	104.0
102(11)	0.00826	46.6	106.1
107(11)	0.00826	46.6	109.0
104(11)	0.00826	46.6	112.7
110(11)	0.00826	46.6	117.3
108(11)	0.00826	46.6	122.9
123(12)	0.00694	46.5	129.5
126(12)	0.00694	46.5	137.3
132(12)	0.00694	46.5	146.3

138(13)	0.00592	46.5	156.6
131(12)	0.00694	46.5	168.1
155(13)	0.00592	46.5	180.8
151(13)	0.00592	46.5	194.8
184(15)	0.00444	46.5	209.9
220(16)	0.00391	46.5	225.8
240(17)	0.003460	46.5	242.3
248(17)	0.003460	46.5	259.0
249(17)	0.003460	46.5	275.2
284(18)	0.003086	46.5	290.3
302(19)	0.002770	46.5	303.5
313(19)	0.002770	46.5	313.7
356(20)	0.002500	46.5	320.3
350(20)	0.002500	46.5	322.6
341(20)	0.002500	46.5	320.3
304(19)	0.002770	46.5	313.8
248(17)	0.003460	46.5	303.4
273(18)	0.003086	46.5	290.0
243(17)	0.003460	46.5	274.5
186(15)	0.00444	46.4	257.8
193(15)	0.00444	46.4	240.5
187(15)	0.00444	46.4	223.3
161(14)	0.00510	46.4	206.5
152(13)	0.00592	46.4	190.6
159(14)	0.00510	46.4	175.7
118(12)	0.00694	46.4	162.0
108(11)	0.00826	46.4	149.5
121(12)	0.00694	46.4	138.2
121(12)	0.00694	46.4	128.1
113(11)	0.00826	46.4	119.2
97(11)	0.00826	46.4	111.3
111(11)	0.00826	46.4	104.5
94(10)	0.01000	46.4	98.5
83(10)	0.01000	46.4	93.3
82(10)	0.01000	46.4	88.9
90(10)	0.01000	46.4	85.0
90(10)	0.01000	46.4	81.7
82(10)	0.01000	46.4	78.9
88(10)	0.01000	46.4	76.4
93(10)	0.01000	46.4	74.2
93(10)	0.01000	46.4	72.3
73(9)	0.01235	46.3	70.6
76(9)	0.01235	46.3	69.2
78(9)	0.01235	46.3	67.8
64(9)	0.01235	46.3	66.6
59(8)	0.01563	46.3	65.6
71(9)	0.01235	46.3	64.6
63(9)	0.01235	46.3	63.7
69(9)	0.01235	46.3	62.9
76(9)	0.01235	46.3	62.1
54(8)	0.01563	46.3	61.4
55(8)	0.01563	46.3	60.8
57(8)	0.01563	46.3	60.2
61(8)	0.01563	46.3	59.6

78(9)	0.01235	46.3	59.1
46(7)	0.02041	46.3	58.6
66(9)	0.01235	46.3	58.1
61(8)	0.01563	46.3	57.6
49(8)	0.01563	46.3	57.2
64(9)	0.01235	46.3	56.8
56(8)	0.01563	46.3	56.5
49(8)	0.01563	46.3	56.1
53(8)	0.01563	46.3	55.8
50(8)	0.01563	46.2	55.5
57(8)	0.01563	46.2	55.2
63(9)	0.01235	46.2	54.9
63(8)	0.01563	46.2	54.7
52(8)	0.01563	46.2	54.5
58(8)	0.01563	46.2	54.2
51(8)	0.01563	46.2	54.0
68(9)	0.01235	46.2	53.9
59(8)	0.01563	46.2	53.7
59(8)	0.01563	46.2	53.6
62(8)	0.01563	46.2	53.4
49(8)	0.01563	46.2	53.3
61(8)	0.01563	46.2	53.3
63(9)	0.01235	46.2	53.2
59(8)	0.01563	46.2	53.2
50(8)	0.01563	46.2	53.2
50(8)	0.01563	46.2	53.3
50(8)	0.01563	46.2	53.4
61(8)	0.01563	46.2	53.5
51(8)	0.01563	46.2	53.7
65(9)	0.01235	46.2	53.8
60(8)	0.01563	46.2	54.0
54(8)	0.01563	46.2	54.2
57(8)	0.01563	46.1	54.4
74(9)	0.01235	46.1	54.6
59(8)	0.01563	46.1	54.7
50(8)	0.01563	46.1	54.8
59(8)	0.01563	46.1	54.7
71(9)	0.01235	46.1	54.6
73(9)	0.01235	46.1	54.4
65(9)	0.01235	46.1	54.2
46(7)	0.02041	46.1	53.8
56(8)	0.01563	46.1	53.4
48(7)	0.02041	46.1	53.0
66(9)	0.01235	46.1	52.6
53(8)	0.01563	46.1	52.2
55(8)	0.01563	46.1	51.8
61(8)	0.01563	46.1	51.5
59(8)	0.01563	46.1	51.2
37(7)	0.02041	46.1	50.9
38(7)	0.02041	46.1	50.6
47(7)	0.02041	46.1	50.4
47(7)	0.02041	46.1	50.2
51(8)	0.01563	46.1	50.0
58(8)	0.01563	46.1	49.8

45(7)	0.02041	46.0	49.7
46(7)	0.02041	46.0	49.5
66(9)	0.01235	46.0	49.4
53(8)	0.01563	46.0	49.3
58(8)	0.01563	46.0	49.2
62(8)	0.01563	46.0	49.1
54(8)	0.01563	46.0	49.1
42(7)	0.02041	46.0	49.0
50(8)	0.01563	46.0	48.9
48(7)	0.02041	46.0	48.9
49(8)	0.01563	46.0	48.8
49(8)	0.01563	46.0	48.7
46(7)	0.02041	46.0	48.7
52(8)	0.01563	46.0	48.6
56(8)	0.01563	46.0	48.6
55(8)	0.01563	46.0	48.5
50(8)	0.01563	46.0	48.5
61(8)	0.01563	46.0	48.4
56(8)	0.01563	46.0	48.4
64(9)	0.01235	46.0	48.4
45(7)	0.02041	46.0	48.3
50(8)	0.01563	46.0	48.3
53(8)	0.01563	46.0	48.2
48(7)	0.02041	46.0	48.2
43(7)	0.02041	45.9	48.2
56(8)	0.01563	45.9	48.1
61(8)	0.01563	45.9	48.1
59(8)	0.01563	45.9	48.1
49(8)	0.01563	45.9	48.0
52(8)	0.01563	45.9	48.0
48(7)	0.02041	45.9	48.0
55(8)	0.01563	45.9	47.9
47(7)	0.02041	45.9	47.9
41(7)	0.02041	45.9	47.9
49(8)	0.01563	45.9	47.8
51(8)	0.01563	45.9	47.8
65(9)	0.01235	45.9	47.8
59(8)	0.01563	45.9	47.8
67(9)	0.01235	45.9	47.7
57(8)	0.01563	45.9	47.7
58(8)	0.01563	45.9	47.7
50(8)	0.01563	45.9	47.7
58(8)	0.01563	45.9	47.6
68(9)	0.01235	45.9	47.6
71(9)	0.01235	45.9	47.6
60(8)	0.01563	45.9	47.6
62(8)	0.01563	45.9	47.5
59(8)	0.01563	45.8	47.5
41(7)	0.02041	45.8	47.5
41(7)	0.02041	45.8	47.5
49(8)	0.01563	45.8	47.5
49(8)	0.01563	45.8	47.4
59(8)	0.01563	45.8	47.4
47(7)	0.02041	45.8	47.4

56(8)	0.01563	45.8	47.4
54(8)	0.01563	45.8	47.4
50(8)	0.01563	45.8	47.3
53(8)	0.01563	45.8	47.3
49(8)	0.01563	45.8	47.3
48(8)	0.01563	45.8	47.3
61(8)	0.01563	45.8	47.3
65(9)	0.01235	45.8	47.3
50(8)	0.01563	45.8	47.2
64(9)	0.01235	45.8	47.2
51(8)	0.01563	45.8	47.2
67(9)	0.01235	45.8	47.2
46(7)	0.02041	45.8	47.2
47(7)	0.02041	45.8	47.2
42(7)	0.02041	45.8	47.2
55(8)	0.01563	45.8	47.1
50(8)	0.01563	45.8	47.1
69(9)	0.01235	45.7	47.1
39(7)	0.02041	45.7	47.1
48(7)	0.02041	45.7	47.1
49(8)	0.01563	45.7	47.1
61(8)	0.01563	45.7	47.1
61(8)	0.01563	45.7	47.1
56(8)	0.01563	45.7	47.1
71(9)	0.01235	45.7	47.0
54(8)	0.01563	45.7	47.0
50(8)	0.01563	45.7	47.0
56(8)	0.01563	45.7	47.0
53(8)	0.01563	45.7	47.0
57(8)	0.01563	45.7	47.0
41(7)	0.02041	45.7	47.0
57(8)	0.01563	45.7	47.0
56(8)	0.01563	45.7	47.0
61(8)	0.01563	45.7	47.0
53(8)	0.01563	45.7	47.0
46(7)	0.02041	45.7	46.9
46(7)	0.02041	45.7	46.9
52(8)	0.01563	45.7	46.9
47(7)	0.02041	45.7	46.9
47(7)	0.02041	45.7	46.9
46(7)	0.02041	45.7	46.9
49(8)	0.01563	45.7	46.9
61(8)	0.01563	45.6	46.9
56(8)	0.01563	45.6	46.9
42(7)	0.02041	45.6	46.9
47(7)	0.02041	45.6	46.9
53(8)	0.01563	45.6	46.9
60(8)	0.01563	45.6	46.9
45(7)	0.02041	45.6	46.9
53(8)	0.01563	45.6	46.9
49(8)	0.01563	45.6	46.9
45(7)	0.02041	45.6	46.9
46(7)	0.02041	45.6	46.9
53(8)	0.01563	45.6	46.9

62(9)	0.01235	45.6	46.9
45(7)	0.02041	45.6	46.9
43(7)	0.02041	45.6	46.9
44(7)	0.02041	45.6	46.9
53(8)	0.01563	45.6	46.9
49(8)	0.01563	45.6	46.9
55(8)	0.01563	45.6	46.9
55(8)	0.01563	45.6	47.0
44(7)	0.02041	45.6	47.0
56(8)	0.01563	45.6	47.0
56(8)	0.01563	45.6	47.0
55(8)	0.01563	45.6	47.0
58(8)	0.01563	45.5	47.0
58(8)	0.01563	45.5	47.0
55(8)	0.01563	45.5	47.0
56(8)	0.01563	45.5	47.0
51(8)	0.01563	45.5	47.0
60(8)	0.01563	45.5	47.1
50(8)	0.01563	45.5	47.1
46(7)	0.02041	45.5	47.1
51(8)	0.01563	45.5	47.1
54(8)	0.01563	45.5	47.2
63(9)	0.01235	45.5	47.2
63(9)	0.01235	45.5	47.0
59(8)	0.01563	45.5	47.0
61(8)	0.01563	45.5	47.0
46(7)	0.02041	45.5	47.1
53(8)	0.01563	45.5	47.1
59(8)	0.01563	45.5	47.2
47(7)	0.02041	45.5	47.3
54(8)	0.01563	45.5	47.4
57(8)	0.01563	45.5	47.5
55(8)	0.01563	45.5	47.6
52(8)	0.01563	45.5	47.7
54(8)	0.01563	45.5	47.9
49(8)	0.01563	45.5	48.1
50(8)	0.01563	45.5	48.3
47(7)	0.02041	45.5	48.5
63(9)	0.01235	45.4	48.8
51(8)	0.01563	45.4	49.1
69(9)	0.01235	45.4	49.4
62(9)	0.01235	45.4	49.7
47(7)	0.02041	45.4	50.1
57(8)	0.01563	45.4	50.5
63(9)	0.01235	45.4	50.9
56(8)	0.01563	45.4	51.2
60(8)	0.01563	45.4	51.6
54(8)	0.01563	45.4	51.9
66(9)	0.01235	45.4	52.2
81(10)	0.01000	45.4	52.4
57(8)	0.01563	45.4	52.5
72(9)	0.01235	45.4	52.6
70(9)	0.01235	45.4	52.5
72(9)	0.01235	45.4	52.3

64(9)	0.01235	45.4	52.1
45(7)	0.02041	45.4	51.8
64(9)	0.01235	45.4	51.6
53(8)	0.01563	45.4	51.3
62(8)	0.01563	45.4	51.0
49(8)	0.01563	45.4	50.7
51(8)	0.01563	45.4	50.5
57(8)	0.01563	45.4	50.3
51(8)	0.01563	45.4	50.1
55(8)	0.01563	45.3	50.0
55(8)	0.01563	45.3	49.9
60(8)	0.01563	45.3	49.8
55(8)	0.01563	45.3	49.9
64(9)	0.01235	45.3	49.9
61(8)	0.01563	45.3	49.9
54(8)	0.01563	45.3	50.0
79(10)	0.01000	45.3	50.1
66(9)	0.01235	45.3	50.2
63(9)	0.01235	45.3	50.3
67(9)	0.01235	45.3	50.3
64(9)	0.01235	45.3	50.5
42(7)	0.02041	45.3	50.8
55(8)	0.01563	45.3	51.1
47(7)	0.02041	45.3	51.5
49(8)	0.01563	45.3	51.9
51(8)	0.01563	45.3	52.4
60(8)	0.01563	45.3	52.9
56(8)	0.01563	45.3	53.6
72(9)	0.01235	45.3	54.3
62(9)	0.01235	45.3	55.1
63(9)	0.01235	45.3	56.0
61(8)	0.01563	45.3	57.1
67(9)	0.01235	45.3	58.3
70(9)	0.01235	45.3	59.7
68(9)	0.01235	45.3	61.3
77(9)	0.01235	45.2	63.0
77(9)	0.01235	45.2	65.0
88(10)	0.01000	45.2	67.1
98(11)	0.00826	45.2	69.5
85(10)	0.01000	45.2	72.2
96(11)	0.00826	45.2	75.1
87(10)	0.01000	45.2	78.2
90(10)	0.01000	45.2	81.6
84(10)	0.01000	45.2	85.2
98(11)	0.00826	45.2	88.9
118(12)	0.00694	45.2	92.7
116(12)	0.00694	45.2	96.5
114(11)	0.00826	45.2	100.1
124(12)	0.00694	45.2	103.5
116(12)	0.00694	45.2	106.3
111(11)	0.00826	45.2	108.4
120(12)	0.00694	45.2	109.6
126(12)	0.00694	45.2	109.9
127(12)	0.00694	45.2	109.2

123(12)	0.00694	45.2	107.6
128(12)	0.00694	45.2	105.1
140(13)	0.00592	45.2	102.0
110(11)	0.00826	45.2	98.4
109(11)	0.00826	45.2	94.6
108(11)	0.00826	45.2	90.6
99(11)	0.00826	45.2	86.7
115(12)	0.00694	45.2	82.9
83(10)	0.01000	45.1	79.2
78(10)	0.01000	45.1	75.8
95(10)	0.01000	45.1	72.6
102(11)	0.00826	45.1	69.7
73(9)	0.01235	45.1	67.1
77(9)	0.01235	45.1	64.7
68(9)	0.01235	45.1	62.6
55(8)	0.01563	45.1	60.8
71(9)	0.01235	45.1	59.1
78(10)	0.01000	45.1	57.7
64(9)	0.01235	45.1	56.5
65(9)	0.01235	45.1	55.4
51(8)	0.01563	45.1	54.5
48(7)	0.02041	45.1	53.6
57(8)	0.01563	45.1	53.0
63(9)	0.01235	45.1	52.4
56(8)	0.01563	45.1	51.8
69(9)	0.01235	45.1	51.4
71(9)	0.01235	45.1	51.0
57(8)	0.01563	45.1	50.6
61(8)	0.01563	45.1	50.3
51(8)	0.01563	45.1	50.0
70(9)	0.01235	45.1	49.8
46(7)	0.02041	45.1	49.5
63(9)	0.01235	45.1	49.3
60(8)	0.01563	45.1	49.1
55(8)	0.01563	45.1	49.0
52(8)	0.01563	45.0	48.8
57(8)	0.01563	45.0	48.7
54(8)	0.01563	45.0	48.5
35(6)	0.02778	45.0	48.4
61(8)	0.01563	45.0	48.3
44(7)	0.02041	45.0	48.2
52(8)	0.01563	45.0	48.1
55(8)	0.01563	45.0	48.0
35(6)	0.02778	45.0	47.9
50(8)	0.01563	45.0	47.8
57(8)	0.01563	45.0	47.7
54(8)	0.01563	45.0	47.7
54(8)	0.01563	45.0	47.6
52(8)	0.01563	45.0	47.5
60(8)	0.01563	45.0	47.5
57(8)	0.01563	45.0	47.4
53(8)	0.01563	45.0	47.4
61(8)	0.01563	45.0	47.3
44(7)	0.02041	45.0	47.3

48(7)	0.02041	45.0	47.3
55(8)	0.01563	45.0	47.2
42(7)	0.02041	45.0	47.2
55(8)	0.01563	45.0	47.2
56(8)	0.01563	45.0	47.1
53(8)	0.01563	45.0	47.1
55(8)	0.01563	45.0	47.1
39(7)	0.02041	45.0	47.0
55(8)	0.01563	45.0	47.0
51(8)	0.01563	44.9	47.0
58(8)	0.01563	44.9	47.0
47(7)	0.02041	44.9	47.0
53(8)	0.01563	44.9	47.0
54(8)	0.01563	44.9	47.0
46(7)	0.02041	44.9	46.9
49(8)	0.01563	44.9	46.9
54(8)	0.01563	44.9	46.9
56(8)	0.01563	44.9	46.9
57(8)	0.01563	44.9	46.9
51(8)	0.01563	44.9	46.9
65(9)	0.01235	44.9	46.9
49(8)	0.01563	44.9	46.9
48(7)	0.02041	44.9	47.0
54(8)	0.01563	44.9	47.0
48(8)	0.01563	44.9	47.0
48(7)	0.02041	44.9	47.0
59(8)	0.01563	44.9	47.0
56(8)	0.01563	44.9	47.0
46(7)	0.02041	44.9	47.0
57(8)	0.01563	44.9	47.0
47(7)	0.02041	44.9	47.1
56(8)	0.01563	44.9	47.1
62(8)	0.01563	44.9	47.1
57(8)	0.01563	44.9	47.1
38(7)	0.02041	44.9	47.1
59(8)	0.01563	44.9	47.2
66(9)	0.01235	44.9	47.2
55(8)	0.01563	44.9	47.2
57(8)	0.01563	44.8	47.3
48(7)	0.02041	44.8	47.3
40(7)	0.02041	44.8	47.3
62(9)	0.01235	44.8	47.4
69(9)	0.01235	44.8	47.4
57(8)	0.01563	44.8	47.5
53(8)	0.01563	44.8	47.5
40(7)	0.02041	44.8	47.6
40(7)	0.02041	44.8	47.6
40(7)	0.02041	44.8	47.7
43(7)	0.02041	44.8	47.7
61(8)	0.01563	44.8	47.8
51(8)	0.01563	44.8	47.9
55(8)	0.01563	44.8	47.9
49(8)	0.01563	44.8	48.0
55(8)	0.01563	44.8	48.1

52(8)	0.01563	44.8	48.2
54(8)	0.01563	44.8	48.3
40(7)	0.02041	44.8	48.4
45(7)	0.02041	44.8	48.5
60(8)	0.01563	44.8	48.6
56(8)	0.01563	44.8	48.7
60(8)	0.01563	44.8	48.8
51(8)	0.01563	44.8	48.9
67(9)	0.01235	44.8	49.1
41(7)	0.02041	44.8	49.2
47(7)	0.02041	44.8	49.4
40(7)	0.02041	44.8	49.6
61(8)	0.01563	44.8	49.7
56(8)	0.01563	44.7	49.9
61(8)	0.01563	44.7	50.1
47(7)	0.02041	44.7	50.4
51(8)	0.01563	44.7	50.6
40(7)	0.02041	44.7	50.9
52(8)	0.01563	44.7	51.2
69(9)	0.01235	44.7	51.5
56(8)	0.01563	44.7	51.8
52(8)	0.01563	44.7	52.2
44(7)	0.02041	44.7	52.6
67(9)	0.01235	44.7	53.0
50(8)	0.01563	44.7	53.5
57(8)	0.01563	44.7	54.1
67(9)	0.01235	44.7	54.8
58(8)	0.01563	44.7	55.5
61(8)	0.01563	44.7	56.3
52(8)	0.01563	44.7	57.2
51(8)	0.01563	44.7	58.3
59(8)	0.01563	44.7	59.4
70(9)	0.01235	44.7	60.8
66(9)	0.01235	44.7	62.3
67(9)	0.01235	44.7	64.0
66(9)	0.01235	44.7	66.0
61(8)	0.01563	44.7	68.1
61(8)	0.01563	44.7	70.6
89(10)	0.01000	44.7	73.4
87(10)	0.01000	44.7	76.4
63(9)	0.01235	44.7	79.9
80(10)	0.01000	44.7	83.7
84(10)	0.01000	44.7	87.9
85(10)	0.01000	44.6	92.5
106(11)	0.00826	44.6	97.5
97(11)	0.00826	44.6	102.8
77(9)	0.01235	44.6	108.5
91(10)	0.01000	44.6	114.5
109(11)	0.00826	44.6	120.8
127(12)	0.00694	44.6	127.1
138(13)	0.00592	44.6	133.6
116(12)	0.00694	44.6	140.1
137(13)	0.00592	44.6	146.7
178(14)	0.00510	44.6	153.3

180(14)	0.00510	44.6	159.8
189(15)	0.00444	44.6	166.2
178(14)	0.00510	44.6	172.3
207(16)	0.00391	44.6	177.9
216(16)	0.00391	44.6	182.5
193(15)	0.00444	44.6	185.9
201(15)	0.00444	44.6	187.7
205(15)	0.00444	44.6	187.8
186(15)	0.00444	44.6	186.2
158(14)	0.00510	44.6	183.3
152(13)	0.00592	44.6	179.2
194(15)	0.00444	44.6	174.7
203(15)	0.00444	44.6	170.0
158(14)	0.00510	44.6	165.5
193(15)	0.00444	44.6	161.4
169(14)	0.00510	44.6	158.0
186(15)	0.00444	44.6	155.3
188(15)	0.00444	44.6	153.2
182(15)	0.00444	44.6	151.5
194(15)	0.00444	44.5	150.0
176(14)	0.00510	44.5	148.5
207(16)	0.00391	44.5	146.5
180(14)	0.00510	44.5	143.9
191(15)	0.00444	44.5	140.4
155(13)	0.00592	44.5	136.0
170(14)	0.00510	44.5	130.8
166(14)	0.00510	44.5	124.9
134(13)	0.00592	44.5	118.7
167(14)	0.00510	44.5	112.3
158(14)	0.00510	44.5	105.9
123(12)	0.00694	44.5	99.7
114(12)	0.00694	44.5	93.8
127(12)	0.00694	44.5	88.4
88(10)	0.01000	44.5	83.4
99(11)	0.00826	44.5	78.8
76(9)	0.01235	44.5	74.8
83(10)	0.01000	44.5	71.2
83(10)	0.01000	44.5	68.1
66(9)	0.01235	44.5	65.4
73(9)	0.01235	44.5	63.1
65(9)	0.01235	44.5	61.1
86(10)	0.01000	44.5	59.4
75(9)	0.01235	44.5	58.0
51(8)	0.01563	44.5	56.8
53(8)	0.01563	44.5	55.8
59(8)	0.01563	44.5	54.9
53(8)	0.01563	44.5	54.2
54(8)	0.01563	44.5	53.5
70(9)	0.01235	44.5	53.0
50(8)	0.01563	44.5	52.5
61(8)	0.01563	44.5	52.0
74(9)	0.01235	44.4	51.6
54(8)	0.01563	44.4	51.3
63(9)	0.01235	44.4	51.0

58(8)	0.01563	44.4	50.7
62(9)	0.01235	44.4	50.4
56(8)	0.01563	44.4	50.1
52(8)	0.01563	44.4	49.9
47(7)	0.02041	44.4	49.6
46(7)	0.02041	44.4	49.4
64(9)	0.01235	44.4	49.2
37(7)	0.02041	44.4	49.0
50(8)	0.01563	44.4	48.9
36(6)	0.02778	44.4	48.7
58(8)	0.01563	44.4	48.6
54(8)	0.01563	44.4	48.4
53(8)	0.01563	44.4	48.3
42(7)	0.02041	44.4	48.1
50(8)	0.01563	44.4	48.0
53(8)	0.01563	44.4	47.9
52(8)	0.01563	44.4	47.8
70(9)	0.01235	44.4	47.7
48(7)	0.02041	44.4	47.6
64(9)	0.01235	44.4	47.5
50(8)	0.01563	44.4	47.4
44(7)	0.02041	44.4	47.3
40(7)	0.02041	44.4	47.2
41(7)	0.02041	44.4	47.2
61(8)	0.01563	44.4	47.1
60(8)	0.01563	44.4	47.0
41(7)	0.02041	44.4	47.0
50(8)	0.01563	44.4	46.9
47(7)	0.02041	44.4	46.8
67(9)	0.01235	44.3	46.8
48(7)	0.02041	44.3	46.7
53(8)	0.01563	44.3	46.7
55(8)	0.01563	44.3	46.6
45(7)	0.02041	44.3	46.6
54(8)	0.01563	44.3	46.5
54(8)	0.01563	44.3	46.5
43(7)	0.02041	44.3	46.4
50(8)	0.01563	44.3	46.4
50(8)	0.01563	44.3	46.3
53(8)	0.01563	44.3	46.3
39(7)	0.02041	44.3	46.3
61(8)	0.01563	44.3	46.2
47(7)	0.02041	44.3	46.2
67(9)	0.01235	44.3	46.1
29(6)	0.02778	44.3	46.1
63(9)	0.01235	44.3	46.1
47(7)	0.02041	44.3	46.1
47(7)	0.02041	44.3	46.0
55(8)	0.01563	44.3	46.0
47(7)	0.02041	44.3	46.0
56(8)	0.01563	44.3	45.9
53(8)	0.01563	44.3	45.9
31(6)	0.02778	44.3	45.9
58(8)	0.01563	44.3	45.9

50(8)	0.01563	44.3	45.8
52(8)	0.01563	44.3	45.8
60(8)	0.01563	44.3	45.8
41(7)	0.02041	44.3	45.8
58(8)	0.01563	44.3	45.7
52(8)	0.01563	44.3	45.7
61(8)	0.01563	44.3	45.7
54(8)	0.01563	44.3	45.7
52(8)	0.01563	44.3	45.6
53(8)	0.01563	44.2	45.6
37(7)	0.02041	44.2	45.6
58(8)	0.01563	44.2	45.6
44(7)	0.02041	44.2	45.6
43(7)	0.02041	44.2	45.6
48(7)	0.02041	44.2	45.5
51(8)	0.01563	44.2	45.5
43(7)	0.02041	44.2	45.6
55(8)	0.01563	44.2	45.6
38(7)	0.02041	44.2	45.6
57(8)	0.01563	44.2	45.6
47(7)	0.02041	44.2	45.5
43(7)	0.02041	44.2	45.5
60(8)	0.01563	44.2	45.5
58(8)	0.01563	44.2	45.5
58(8)	0.01563	44.2	45.5
59(8)	0.01563	44.2	45.5
39(7)	0.02041	44.2	45.5
40(7)	0.02041	44.2	45.5
58(8)	0.01563	44.2	45.5
38(7)	0.02041	44.2	45.5
53(8)	0.01563	44.2	45.5
51(8)	0.01563	44.2	45.5
68(9)	0.01235	44.2	45.5
49(8)	0.01563	44.2	45.5
42(7)	0.02041	44.2	45.5
48(8)	0.01563	44.2	45.5
43(7)	0.02041	44.2	45.5
57(8)	0.01563	44.2	45.5
42(7)	0.02041	44.2	45.5
44(7)	0.02041	44.2	45.5
37(7)	0.02041	44.2	45.5
55(8)	0.01563	44.2	45.5
56(8)	0.01563	44.2	45.5
59(8)	0.01563	44.1	45.5
43(7)	0.02041	44.1	45.5
57(8)	0.01563	44.1	45.5
49(8)	0.01563	44.1	45.5
54(8)	0.01563	44.1	45.5
46(7)	0.02041	44.1	45.5
47(7)	0.02041	44.1	45.5
52(8)	0.01563	44.1	45.5
49(8)	0.01563	44.1	45.5
45(7)	0.02041	44.1	45.5
40(7)	0.02041	44.1	45.5

49(8)	0.01563	44.1	45.5
55(8)	0.01563	44.1	45.5
45(7)	0.02041	44.1	45.5
62(9)	0.01235	44.1	45.5
37(7)	0.02041	44.1	45.5
38(7)	0.02041	44.1	45.6
61(8)	0.01563	44.1	45.6
54(8)	0.01563	44.1	45.6
48(8)	0.01563	44.1	45.6
55(8)	0.01563	44.1	45.6
40(7)	0.02041	44.1	45.6
65(9)	0.01235	44.1	45.6
53(8)	0.01563	44.1	45.6
46(7)	0.02041	44.1	45.7
52(8)	0.01563	44.1	45.7
43(7)	0.02041	44.1	45.7
53(8)	0.01563	44.1	45.7
41(7)	0.02041	44.1	45.7
45(7)	0.02041	44.1	45.8
43(7)	0.02041	44.1	45.8
47(7)	0.02041	44.1	45.8
54(8)	0.01563	44.1	45.8
60(8)	0.01563	44.1	46.0
61(8)	0.01563	44.1	46.1
33(6)	0.02778	44.1	46.1
48(8)	0.01563	44.0	46.1
54(8)	0.01563	44.0	46.2
53(8)	0.01563	44.0	46.2
35(6)	0.02778	44.0	46.3
49(8)	0.01563	44.0	46.3
52(8)	0.01563	44.0	46.3
48(8)	0.01563	44.0	46.4
58(8)	0.01563	44.0	46.5
55(8)	0.01563	44.0	46.5
54(8)	0.01563	44.0	46.6
57(8)	0.01563	44.0	46.6
55(8)	0.01563	44.0	46.7
42(7)	0.02041	44.0	46.8
63(9)	0.01235	44.0	46.8
55(8)	0.01563	44.0	46.9
49(8)	0.01563	44.0	47.0
43(7)	0.02041	44.0	47.1
58(8)	0.01563	44.0	47.2
44(7)	0.02041	44.0	47.3
43(7)	0.02041	44.0	47.4
55(8)	0.01563	44.0	47.5
42(7)	0.02041	44.0	47.6
58(8)	0.01563	44.0	47.8
48(7)	0.02041	44.0	47.9
53(8)	0.01563	44.0	48.1
59(8)	0.01563	44.0	48.3
54(8)	0.01563	44.0	48.5
38(7)	0.02041	44.0	48.7
41(7)	0.02041	44.0	48.9

43(7)	0.02041	44.0	49.2
76(9)	0.01235	44.0	49.5
60(8)	0.01563	44.0	49.8
45(7)	0.02041	44.0	50.2
46(7)	0.02041	44.0	50.7
53(8)	0.01563	44.0	51.2
53(8)	0.01563	44.0	51.8
84(10)	0.01000	43.9	52.4
56(8)	0.01563	43.9	53.2
54(8)	0.01563	43.9	54.1
46(7)	0.02041	43.9	55.1
62(9)	0.01235	43.9	56.2
43(7)	0.02041	43.9	57.5
66(9)	0.01235	43.9	59.0
69(9)	0.01235	43.9	60.6
67(9)	0.01235	43.9	62.5
64(9)	0.01235	43.9	64.5
65(9)	0.01235	43.9	66.7
78(10)	0.01000	43.9	69.1
64(9)	0.01235	43.9	71.6
81(10)	0.01000	43.9	74.4
72(9)	0.01235	43.9	77.2
76(9)	0.01235	43.9	80.1
59(8)	0.01563	43.9	83.0
78(10)	0.01000	43.9	85.8
91(10)	0.01000	43.9	88.4
75(9)	0.01235	43.9	90.7
85(10)	0.01000	43.9	92.6
79(10)	0.01000	43.9	93.9
76(9)	0.01235	43.9	94.5
84(10)	0.01000	43.9	94.4
92(10)	0.01000	43.9	93.7
65(9)	0.01235	43.9	92.3
89(10)	0.01000	43.9	90.3
89(10)	0.01000	43.9	88.0
79(10)	0.01000	43.9	85.4
88(10)	0.01000	43.9	82.6
86(10)	0.01000	43.9	79.7
75(9)	0.01235	43.9	76.9
76(9)	0.01235	43.9	74.1
80(10)	0.01000	43.9	71.4
71(9)	0.01235	43.9	69.0
69(9)	0.01235	43.9	66.6
54(8)	0.01563	43.9	64.5
62(9)	0.01235	43.9	62.7
60(8)	0.01563	43.8	60.9
57(8)	0.01563	43.8	59.4
40(7)	0.02041	43.8	58.0
54(8)	0.01563	43.8	56.8
51(8)	0.01563	43.8	55.7
45(7)	0.02041	43.8	54.8
58(8)	0.01563	43.8	54.0
43(7)	0.02041	43.8	53.3
53(8)	0.01563	43.8	52.7

42(7)	0.02041	43.8	52.2
44(7)	0.02041	43.8	51.8
46(7)	0.02041	43.8	51.2
50(8)	0.01563	43.8	50.9
65(9)	0.01235	43.8	50.6
60(8)	0.01563	43.8	50.4
67(9)	0.01235	43.8	50.2
48(8)	0.01563	43.8	50.1
46(7)	0.02041	43.8	49.9
53(8)	0.01563	43.8	49.8
52(8)	0.01563	43.8	49.7
53(8)	0.01563	43.8	49.6
34(6)	0.02778	43.8	49.6
52(8)	0.01563	43.8	49.6
45(7)	0.02041	43.8	49.5
50(8)	0.01563	43.8	49.5
54(8)	0.01563	43.8	49.5
52(8)	0.01563	43.8	49.5
42(7)	0.02041	43.8	49.6
49(8)	0.01563	43.8	49.6
56(8)	0.01563	43.8	49.7
64(9)	0.01235	43.8	49.8
61(8)	0.01563	43.8	49.8
45(7)	0.02041	43.8	50.0
52(8)	0.01563	43.8	50.1
50(8)	0.01563	43.8	50.3
46(7)	0.02041	43.8	50.4
71(9)	0.01235	43.8	50.7
62(8)	0.01563	43.8	50.9
55(8)	0.01563	43.8	51.2
39(7)	0.02041	43.8	51.5
51(8)	0.01563	43.7	51.9
65(9)	0.01235	43.7	52.3
53(8)	0.01563	43.7	52.8
43(7)	0.02041	43.7	53.3
51(8)	0.01563	43.7	53.9
54(8)	0.01563	43.7	54.7
58(8)	0.01563	43.7	55.4
46(7)	0.02041	43.7	56.3
74(9)	0.01235	43.7	57.2
49(8)	0.01563	43.7	58.3
49(8)	0.01563	43.7	59.4
62(9)	0.01235	43.7	60.7
68(9)	0.01235	43.7	62.0
66(9)	0.01235	43.7	63.4
52(8)	0.01563	43.7	64.9
62(9)	0.01235	43.7	66.5
70(9)	0.01235	43.7	68.1
75(9)	0.01235	43.7	69.7
73(9)	0.01235	43.7	71.3
81(10)	0.01000	43.7	72.9
87(10)	0.01000	43.7	74.3
59(8)	0.01563	43.7	75.5
77(9)	0.01235	43.7	76.5

75(9)	0.01235	43.7	77.2
79(10)	0.01000	43.7	77.5
83(10)	0.01000	43.7	77.5
80(10)	0.01000	43.7	77.1
89(10)	0.01000	43.7	76.5
82(10)	0.01000	43.7	75.5
74(9)	0.01235	43.7	74.4
81(10)	0.01000	43.7	73.1
74(9)	0.01235	43.7	71.8
63(9)	0.01235	43.7	70.4
79(10)	0.01000	43.7	69.0
60(8)	0.01563	43.7	67.6
60(8)	0.01563	43.7	66.4
73(9)	0.01235	43.7	65.2
73(9)	0.01235	43.7	64.1
77(9)	0.01235	43.7	63.1
48(8)	0.01563	43.7	62.2
58(8)	0.01563	43.7	61.4
58(8)	0.01563	43.6	60.8
55(8)	0.01563	43.6	60.2
51(8)	0.01563	43.6	59.8
45(7)	0.02041	43.6	59.5
61(8)	0.01563	43.6	59.2
61(8)	0.01563	43.6	59.1
62(9)	0.01235	43.6	59.1
73(9)	0.01235	43.6	59.2
56(8)	0.01563	43.6	59.3
65(9)	0.01235	43.6	59.6
60(8)	0.01563	43.6	60.0
60(8)	0.01563	43.6	60.5
64(9)	0.01235	43.6	61.1
57(8)	0.01563	43.6	61.9
73(9)	0.01235	43.6	62.7
80(10)	0.01000	43.6	63.8
73(9)	0.01235	43.6	65.0
54(8)	0.01563	43.6	66.3
67(9)	0.01235	43.6	67.9
66(9)	0.01235	43.6	69.7
72(9)	0.01235	43.6	71.7
76(9)	0.01235	43.6	74.0
87(10)	0.01000	43.6	76.6
78(10)	0.01000	43.6	79.4
66(9)	0.01235	43.6	82.6
84(10)	0.01000	43.6	86.1
81(10)	0.01000	43.6	89.9
95(11)	0.00826	43.6	94.0
104(11)	0.00826	43.6	98.5
120(12)	0.00694	43.6	103.2
122(12)	0.00694	43.6	108.2
91(10)	0.01000	43.6	113.4
123(12)	0.00694	43.6	118.7
135(13)	0.00592	43.6	123.9
136(13)	0.00592	43.6	129.0
148(13)	0.00592	43.6	133.8

169(14)	0.00510	43.6	138.3
146(13)	0.00592	43.6	142.2
164(14)	0.00510	43.6	145.4
158(14)	0.00510	43.6	147.8
138(13)	0.00592	43.6	149.4
173(14)	0.00510	43.6	150.1
165(14)	0.00510	43.5	149.8
147(13)	0.00592	43.5	148.7
134(13)	0.00592	43.5	146.9
150(13)	0.00592	43.5	144.5
154(13)	0.00592	43.5	141.7
147(13)	0.00592	43.5	138.9
130(12)	0.00694	43.5	136.2
137(13)	0.00592	43.5	133.8
120(12)	0.00694	43.5	132.0
143(13)	0.00592	43.5	131.0
124(12)	0.00694	43.5	130.8
128(12)	0.00694	43.5	131.7
127(12)	0.00694	43.5	133.8
147(13)	0.00592	43.5	137.0
141(13)	0.00592	43.5	141.5
157(14)	0.00510	43.5	147.2
179(14)	0.00510	43.5	154.1
168(14)	0.00510	43.5	162.1
196(15)	0.00444	43.5	171.0
210(16)	0.00391	43.5	180.6
222(16)	0.00391	43.5	190.6
210(16)	0.00391	43.5	200.6
271(18)	0.003086	43.5	210.0
288(18)	0.003086	43.5	218.3
262(17)	0.003460	43.5	224.8
249(17)	0.003460	43.5	228.9
262(17)	0.003460	43.5	230.2
235(17)	0.003460	43.5	228.5
216(16)	0.00391	43.5	223.9
249(17)	0.003460	43.5	216.6
217(16)	0.00391	43.5	207.3
254(17)	0.003460	43.5	196.6
176(14)	0.00510	43.5	185.0
161(14)	0.00510	43.5	173.1
170(14)	0.00510	43.5	161.3
162(14)	0.00510	43.5	149.9
142(13)	0.00592	43.5	139.1
143(13)	0.00592	43.5	129.1
116(12)	0.00694	43.5	120.1
98(11)	0.00826	43.5	111.9
89(10)	0.01000	43.5	104.8
78(10)	0.01000	43.5	98.5
76(9)	0.01235	43.5	93.2
101(11)	0.00826	43.5	88.8
84(10)	0.01000	43.5	85.2
81(10)	0.01000	43.4	82.2
69(9)	0.01235	43.4	80.0
92(10)	0.01000	43.4	78.3

70(9)	0.01235	43.4	77.1
84(10)	0.01000	43.4	76.4
73(9)	0.01235	43.4	76.2
68(9)	0.01235	43.4	76.3
66(9)	0.01235	43.4	76.8
47(7)	0.02041	43.4	77.6
80(10)	0.01000	43.4	78.7
63(9)	0.01235	43.4	80.2
75(9)	0.01235	43.4	81.9
66(9)	0.01235	43.4	84.0
79(10)	0.01000	43.4	86.3
73(9)	0.01235	43.4	88.8
77(10)	0.01000	43.4	91.6
92(10)	0.01000	43.4	94.5
93(10)	0.01000	43.4	97.6
85(10)	0.01000	43.4	100.9
103(11)	0.00826	43.4	104.1
75(9)	0.01235	43.4	107.2
100(11)	0.00826	43.4	110.1
98(11)	0.00826	43.4	112.7
104(11)	0.00826	43.4	114.9
88(10)	0.01000	43.4	116.4
100(11)	0.00826	43.4	117.2
81(10)	0.01000	43.4	117.3
91(10)	0.01000	43.4	116.5
121(12)	0.00694	43.4	115.0
117(12)	0.00694	43.4	112.8
90(10)	0.01000	43.4	110.1
76(9)	0.01235	43.4	106.9
95(10)	0.01000	43.4	103.5
87(10)	0.01000	43.4	99.8
95(11)	0.00826	43.4	96.2
54(8)	0.01563	43.4	92.5
63(9)	0.01235	43.4	88.9
70(9)	0.01235	43.4	85.5
83(10)	0.01000	43.4	82.3
84(10)	0.01000	43.4	79.2
67(9)	0.01235	43.4	76.4
57(8)	0.01563	43.4	73.8
73(9)	0.01235	43.4	71.4
54(8)	0.01563	43.4	69.2
68(9)	0.01235	43.4	67.2
59(8)	0.01563	43.4	65.4
71(9)	0.01235	43.4	63.8
65(9)	0.01235	43.3	62.4
69(9)	0.01235	43.3	61.2
56(8)	0.01563	43.3	60.0
65(9)	0.01235	43.3	59.0
52(8)	0.01563	43.3	58.2
53(8)	0.01563	43.3	57.4
44(7)	0.02041	43.3	56.7
41(7)	0.02041	43.3	56.1
62(9)	0.01235	43.3	55.6
67(9)	0.01235	43.3	55.1

54(8)	0.01563	43.3	54.7
46(7)	0.02041	43.3	54.4
53(8)	0.01563	43.3	54.1
49(8)	0.01563	43.3	53.8
58(8)	0.01563	43.3	53.6
54(8)	0.01563	43.3	53.4
49(8)	0.01563	43.3	53.2
43(7)	0.02041	43.3	53.0
45(7)	0.02041	43.3	52.9
59(8)	0.01563	43.3	52.8
66(9)	0.01235	43.3	52.8
58(8)	0.01563	43.3	52.7
49(8)	0.01563	43.3	52.7
48(8)	0.01563	43.3	52.7
54(8)	0.01563	43.3	52.7
54(8)	0.01563	43.3	52.8
45(7)	0.02041	43.3	52.8
62(8)	0.01563	43.3	52.9
61(8)	0.01563	43.3	53.1
59(8)	0.01563	43.3	53.3
58(8)	0.01563	43.3	53.5
48(8)	0.01563	43.3	53.7
54(8)	0.01563	43.3	54.1
45(7)	0.02041	43.3	54.4
56(8)	0.01563	43.3	54.9
47(7)	0.02041	43.3	55.4
60(8)	0.01563	43.3	56.1
49(8)	0.01563	43.3	56.9
72(9)	0.01235	43.3	57.8
51(8)	0.01563	43.3	58.9
71(9)	0.01235	43.3	60.1
58(8)	0.01563	43.3	61.6
63(9)	0.01235	43.3	63.4
63(9)	0.01235	43.3	65.4
76(9)	0.01235	43.3	67.7
74(9)	0.01235	43.3	70.3
78(10)	0.01000	43.3	73.3
74(9)	0.01235	43.3	76.6
64(9)	0.01235	43.3	80.2
69(9)	0.01235	43.2	84.1
69(9)	0.01235	43.2	88.4
95(11)	0.00826	43.2	92.9
111(11)	0.00826	43.2	97.6
87(10)	0.01000	43.2	102.4
86(10)	0.01000	43.2	107.2
124(12)	0.00694	43.2	111.8
103(11)	0.00826	43.2	116.1
127(12)	0.00694	43.2	119.7
127(12)	0.00694	43.2	122.6
132(12)	0.00694	43.2	124.4
116(12)	0.00694	43.2	125.0
120(12)	0.00694	43.2	124.5
133(12)	0.00694	43.2	122.7
106(11)	0.00826	43.2	120.0

125(12)	0.00694	43.2	116.4
86(10)	0.01000	43.2	112.1
81(10)	0.01000	43.2	107.5
89(10)	0.01000	43.2	102.7
83(10)	0.01000	43.2	97.9
84(10)	0.01000	43.2	93.1
88(10)	0.01000	43.2	88.5
60(8)	0.01563	43.2	84.2
68(9)	0.01235	43.2	80.2
69(9)	0.01235	43.2	76.5
63(9)	0.01235	43.2	73.1
72(9)	0.01235	43.2	70.1
55(8)	0.01563	43.2	67.4
52(8)	0.01563	43.2	65.0
55(8)	0.01563	43.2	62.9
66(9)	0.01235	43.2	61.1
61(8)	0.01563	43.2	59.5
47(7)	0.02041	43.2	58.2
51(8)	0.01563	43.2	57.0
62(9)	0.01235	43.2	56.0
63(9)	0.01235	43.2	55.2
69(9)	0.01235	43.2	54.5
59(8)	0.01563	43.2	53.9
65(9)	0.01235	43.2	53.4
60(8)	0.01563	43.2	52.9
54(8)	0.01563	43.2	52.5
65(9)	0.01235	43.2	52.2
47(7)	0.02041	43.2	51.9
55(8)	0.01563	43.2	51.6
67(9)	0.01235	43.2	51.4
48(7)	0.02041	43.2	51.2
50(8)	0.01563	43.2	51.1
44(7)	0.02041	43.2	50.9
44(7)	0.02041	43.2	50.8
57(8)	0.01563	43.2	50.7
45(7)	0.02041	43.2	50.6
55(8)	0.01563	43.1	50.5
50(8)	0.01563	43.1	50.4
50(8)	0.01563	43.1	50.4
56(8)	0.01563	43.1	50.3
50(8)	0.01563	43.1	50.3
46(7)	0.02041	43.1	50.3
49(8)	0.01563	43.1	50.3
56(8)	0.01563	43.1	50.3
53(8)	0.01563	43.1	50.3
48(8)	0.01563	43.1	50.3
45(7)	0.02041	43.1	50.4
48(7)	0.02041	43.1	50.5
52(8)	0.01563	43.1	50.5
61(8)	0.01563	43.1	50.6
57(8)	0.01563	43.1	50.7
56(8)	0.01563	43.1	50.8
56(8)	0.01563	43.1	50.9
60(8)	0.01563	43.1	51.1

57(8)	0.01563	43.1	51.2
49(8)	0.01563	43.1	51.4
57(8)	0.01563	43.1	51.6
60(8)	0.01563	43.1	51.8
51(8)	0.01563	43.1	52.0
52(8)	0.01563	43.1	52.2
61(8)	0.01563	43.1	52.5
56(8)	0.01563	43.1	52.8
60(8)	0.01563	43.1	53.1
69(9)	0.01235	43.1	53.5
55(8)	0.01563	43.1	53.9
44(7)	0.02041	43.1	54.3
57(8)	0.01563	43.1	54.8
40(7)	0.02041	43.1	55.3
47(7)	0.02041	43.1	55.9
62(9)	0.01235	43.1	56.6
51(8)	0.01563	43.1	57.4
51(8)	0.01563	43.1	58.2
69(9)	0.01235	43.1	59.2
55(8)	0.01563	43.1	60.2
72(9)	0.01235	43.1	61.4
58(8)	0.01563	43.1	62.7
56(8)	0.01563	43.1	64.2
66(9)	0.01235	43.1	65.9
84(10)	0.01000	43.1	67.7
68(9)	0.01235	43.1	69.8
72(9)	0.01235	43.1	72.1
63(9)	0.01235	43.1	74.6
65(9)	0.01235	43.1	77.3
81(10)	0.01000	43.1	80.4
72(9)	0.01235	43.1	83.7
80(10)	0.01000	43.1	87.3
84(10)	0.01000	43.1	91.2
79(10)	0.01000	43.1	95.3
80(10)	0.01000	43.1	99.7
83(10)	0.01000	43.1	104.4
105(11)	0.00826	43.0	109.3
97(11)	0.00826	43.0	114.3
106(11)	0.00826	43.0	119.4
90(10)	0.01000	43.0	124.5
120(12)	0.00694	43.0	129.5
110(11)	0.00826	43.0	134.3
125(12)	0.00694	43.0	138.8
106(11)	0.00826	43.0	143.0
134(13)	0.00592	43.0	146.8
136(13)	0.00592	43.0	150.3
133(12)	0.00694	43.0	153.5
150(13)	0.00592	43.0	156.4
139(13)	0.00592	43.0	159.1
168(14)	0.00510	43.0	161.6
135(13)	0.00592	43.0	163.7
188(15)	0.00444	43.0	165.4
131(12)	0.00694	43.0	166.5
159(14)	0.00510	43.0	166.9

184(15)	0.00444	43.0	166.3
173(14)	0.00510	43.0	164.5
160(14)	0.00510	43.0	161.7
174(14)	0.00510	43.0	157.7
165(14)	0.00510	43.0	152.7
159(14)	0.00510	43.0	146.9
142(13)	0.00592	43.0	140.6
115(12)	0.00694	43.0	133.9
117(12)	0.00694	43.0	127.1
115(12)	0.00694	43.0	120.5
114(12)	0.00694	43.0	114.0
89(10)	0.01000	43.0	107.9
113(11)	0.00826	43.0	102.1
99(11)	0.00826	43.0	96.8
87(10)	0.01000	43.0	91.9
90(10)	0.01000	43.0	87.5
103(11)	0.00826	43.0	83.5
94(10)	0.01000	43.0	80.1
81(10)	0.01000	43.0	77.0
79(10)	0.01000	43.0	74.4
95(11)	0.00826	43.0	72.1
70(9)	0.01235	43.0	70.2
101(11)	0.00826	43.0	68.6
64(9)	0.01235	43.0	67.3
82(10)	0.01000	43.0	66.3
73(9)	0.01235	43.0	65.5
64(9)	0.01235	43.0	64.9
59(8)	0.01563	43.0	64.6
62(9)	0.01235	43.0	64.5
69(9)	0.01235	43.0	64.6
71(9)	0.01235	43.0	64.9
64(9)	0.01235	43.0	65.4
70(9)	0.01235	43.0	66.1
73(9)	0.01235	43.0	67.1
73(9)	0.01235	43.0	68.2
82(10)	0.01000	43.0	69.7
66(9)	0.01235	43.0	71.3
61(9)	0.01235	43.0	73.3
68(9)	0.01235	43.0	75.5
82(10)	0.01000	42.9	78.0
58(8)	0.01563	42.9	80.7
84(10)	0.01000	42.9	83.8
68(9)	0.01235	42.9	87.0
82(10)	0.01000	42.9	90.5
79(10)	0.01000	42.9	94.2
94(11)	0.00826	42.9	98.0
72(9)	0.01235	42.9	101.9
94(11)	0.00826	42.9	105.7
91(10)	0.01000	42.9	109.3
104(11)	0.00826	42.9	112.6
99(11)	0.00826	42.9	115.4
101(11)	0.00826	42.9	117.5
100(11)	0.00826	42.9	118.8
106(11)	0.00826	42.9	119.3

97(11)	0.00826	42.9	118.8
91(10)	0.01000	42.9	117.4
88(10)	0.01000	42.9	115.2
116(12)	0.00694	42.9	112.2
80(10)	0.01000	42.9	108.8
106(11)	0.00826	42.9	105.0
87(10)	0.01000	42.9	101.0
78(10)	0.01000	42.9	96.8
54(8)	0.01563	42.9	92.7
84(10)	0.01000	42.9	88.7
52(8)	0.01563	42.9	84.9
68(9)	0.01235	42.9	81.3
69(9)	0.01235	42.9	77.9
67(9)	0.01235	42.9	74.7
48(7)	0.02041	42.9	71.8
72(9)	0.01235	42.9	69.1
58(8)	0.01563	42.9	66.7
65(9)	0.01235	42.9	64.6
51(8)	0.01563	42.9	62.7
80(10)	0.01000	42.9	61.0
55(8)	0.01563	42.9	59.5
56(8)	0.01563	42.9	58.1
42(7)	0.02041	42.9	57.0
55(8)	0.01563	42.9	55.9
58(8)	0.01563	42.9	55.0
50(8)	0.01563	42.9	54.3
54(8)	0.01563	42.9	53.6
53(8)	0.01563	42.9	53.0
46(7)	0.02041	42.9	52.4
36(7)	0.02041	42.9	51.9
40(7)	0.02041	42.9	51.5
54(8)	0.01563	42.9	51.2
49(8)	0.01563	42.9	50.8
42(7)	0.02041	42.9	50.5
41(7)	0.02041	42.9	50.3
44(7)	0.02041	42.9	50.1
48(8)	0.01563	42.9	49.9
55(8)	0.01563	42.9	49.7
44(7)	0.02041	42.9	49.5
48(8)	0.01563	42.9	49.4
47(7)	0.02041	42.9	49.3
42(7)	0.02041	42.9	49.2
50(8)	0.01563	42.9	49.1
39(7)	0.02041	42.9	49.1
59(8)	0.01563	42.8	49.0
49(8)	0.01563	42.8	49.1
56(8)	0.01563	42.8	49.1
42(7)	0.02041	42.8	49.2
56(8)	0.01563	42.8	49.3
57(8)	0.01563	42.8	49.5
41(7)	0.02041	42.8	49.8
49(8)	0.01563	42.8	50.1
41(7)	0.02041	42.8	50.5
57(8)	0.01563	42.8	50.9

53(8)	0.01563	42.8	51.5
55(8)	0.01563	42.8	52.1
52(8)	0.01563	42.8	52.9
57(8)	0.01563	42.8	53.7
55(8)	0.01563	42.8	54.7
55(8)	0.01563	42.8	55.7
50(8)	0.01563	42.8	56.8
60(8)	0.01563	42.8	58.0
63(9)	0.01235	42.8	59.2
70(9)	0.01235	42.8	60.4
77(10)	0.01000	42.8	61.6
93(10)	0.01000	42.8	62.7
69(9)	0.01235	42.8	63.6
77(10)	0.01000	42.8	64.3
107(11)	0.00826	42.8	64.8
75(9)	0.01235	42.8	65.0
93(10)	0.01000	42.8	64.9
91(10)	0.01000	42.8	64.5
62(9)	0.01235	42.8	63.8
80(10)	0.01000	42.8	63.0
68(9)	0.01235	42.8	62.0
71(9)	0.01235	42.8	60.9
72(9)	0.01235	42.8	59.8
69(9)	0.01235	42.8	58.6
54(8)	0.01563	42.8	57.5
61(8)	0.01563	42.8	56.5
64(9)	0.01235	42.8	55.5
50(8)	0.01563	42.8	54.5
62(8)	0.01563	42.8	53.6
57(8)	0.01563	42.8	52.9
71(9)	0.01235	42.8	52.0
54(8)	0.01563	42.8	51.4
51(8)	0.01563	42.8	50.8
54(8)	0.01563	42.8	50.3
57(8)	0.01563	42.8	49.9
47(7)	0.02041	42.8	49.6
62(9)	0.01235	42.8	49.4
47(7)	0.02041	42.8	49.2
43(7)	0.02041	42.8	49.2
47(7)	0.02041	42.8	49.2
43(7)	0.02041	42.8	49.3
50(8)	0.01563	42.8	49.5
39(7)	0.02041	42.8	49.8
58(8)	0.01563	42.8	50.2
57(8)	0.01563	42.8	50.6
46(7)	0.02041	42.8	51.2
67(9)	0.01235	42.8	51.9
47(7)	0.02041	42.8	52.7
78(10)	0.01000	42.8	53.7
51(8)	0.01563	42.8	54.7
63(9)	0.01235	42.8	55.8
52(8)	0.01563	42.8	57.0
67(9)	0.01235	42.8	58.2
62(9)	0.01235	42.7	59.5

57(8)	0.01563	42.7	60.8
66(9)	0.01235	42.7	61.9
62(9)	0.01235	42.7	62.9
58(8)	0.01563	42.7	63.8
60(8)	0.01563	42.7	64.4
62(9)	0.01235	42.7	64.7
51(8)	0.01563	42.7	64.7
74(9)	0.01235	42.7	64.3
61(8)	0.01563	42.7	63.6
56(8)	0.01563	42.7	62.7
58(8)	0.01563	42.7	61.6
73(9)	0.01235	42.7	60.3
64(9)	0.01235	42.7	58.9
57(8)	0.01563	42.7	57.6
51(8)	0.01563	42.7	56.2
55(8)	0.01563	42.7	54.9
43(7)	0.02041	42.7	53.7
64(9)	0.01235	42.7	52.6
52(8)	0.01563	42.7	51.5
43(7)	0.02041	42.7	50.6
58(8)	0.01563	42.7	49.7
50(8)	0.01563	42.7	49.0
35(6)	0.02778	42.7	48.3
65(9)	0.01235	42.7	47.7
50(8)	0.01563	42.7	47.2
61(9)	0.01235	42.7	46.8
51(8)	0.01563	42.7	46.5
62(9)	0.01235	42.7	46.2
42(7)	0.02041	42.7	45.9
43(7)	0.02041	42.7	45.7
43(7)	0.02041	42.7	45.5
60(8)	0.01563	42.7	45.3
42(7)	0.02041	42.7	45.2
49(8)	0.01563	42.7	45.1
55(8)	0.01563	42.7	44.9
49(8)	0.01563	42.7	44.9
35(6)	0.02778	42.7	44.8
35(6)	0.02778	42.7	44.7
46(7)	0.02041	42.7	44.6
50(8)	0.01563	42.7	44.5
35(6)	0.02778	42.7	44.5
40(7)	0.02041	42.7	44.4
51(8)	0.01563	42.7	44.4
55(8)	0.01563	42.7	44.3
42(7)	0.02041	42.7	44.3
37(7)	0.02041	42.7	44.2
43(7)	0.02041	42.7	44.2
44(7)	0.02041	42.7	44.2
40(7)	0.02041	42.7	44.1
51(8)	0.01563	42.7	44.1
37(7)	0.02041	42.7	44.1
48(8)	0.01563	42.7	44.0
41(7)	0.02041	42.7	44.0
32(6)	0.02778	42.7	44.0

38(7)	0.02041	42.7	44.0
45(7)	0.02041	42.7	43.9
51(8)	0.01563	42.7	43.9
51(8)	0.01563	42.7	43.9
42(7)	0.02041	42.7	43.9
49(8)	0.01563	42.7	43.9
45(7)	0.02041	42.7	43.8
42(7)	0.02041	42.7	43.8
53(8)	0.01563	42.7	43.8
36(7)	0.02041	42.7	43.8
37(7)	0.02041	42.7	43.8
34(6)	0.02778	42.7	43.8
56(8)	0.01563	42.6	43.8
41(7)	0.02041	42.6	43.8
50(8)	0.01563	42.6	43.8
47(7)	0.02041	42.6	43.8
47(7)	0.02041	42.6	43.8
53(8)	0.01563	42.6	43.8
36(7)	0.02041	42.6	43.7
54(8)	0.01563	42.6	43.7
50(8)	0.01563	42.6	43.7
40(7)	0.02041	42.6	43.7
54(8)	0.01563	42.6	43.7
42(7)	0.02041	42.6	43.7
45(7)	0.02041	42.6	43.7
36(7)	0.02041	42.6	43.7
43(7)	0.02041	42.6	43.7
37(7)	0.02041	42.6	43.7
41(7)	0.02041	42.6	43.7
42(7)	0.02041	42.6	43.6
36(7)	0.02041	42.6	43.6
38(7)	0.02041	42.6	43.6
49(8)	0.01563	42.6	43.6
41(7)	0.02041	42.6	43.6
44(7)	0.02041	42.6	43.6
34(6)	0.02778	42.6	43.6
42(7)	0.02041	42.6	43.6
55(8)	0.01563	42.6	43.6
40(7)	0.02041	42.6	43.6
46(7)	0.02041	42.6	43.6
40(7)	0.02041	42.6	43.7
52(8)	0.01563	42.6	43.7
50(8)	0.01563	42.6	43.7
41(7)	0.02041	42.6	43.7
34(6)	0.02778	42.6	43.7
36(7)	0.02041	42.6	43.7
55(8)	0.01563	42.6	43.7
42(7)	0.02041	42.6	43.7
50(8)	0.01563	42.6	43.7
48(8)	0.01563	42.6	43.7
48(7)	0.02041	42.6	43.7
41(7)	0.02041	42.6	43.7
43(7)	0.02041	42.6	43.7
37(7)	0.02041	42.6	43.7

46(7)	0.02041	42.6	43.7
42(7)	0.02041	42.6	43.7
46(7)	0.02041	42.6	43.7
49(8)	0.01563	42.6	43.7
49(8)	0.01563	42.6	43.7
41(7)	0.02041	42.6	43.7
37(7)	0.02041	42.6	43.7
44(7)	0.02041	42.6	43.7
46(7)	0.02041	42.6	43.7
50(8)	0.01563	42.6	43.7
64(9)	0.01235	42.6	43.8
49(8)	0.01563	42.6	43.8
39(7)	0.02041	42.6	43.8
61(8)	0.01563	42.6	43.8
57(8)	0.01563	42.6	43.8
44(7)	0.02041	42.6	43.8
36(7)	0.02041	42.6	43.8
54(8)	0.01563	42.6	43.8
29(6)	0.02778	42.6	43.8
35(6)	0.02778	42.6	43.8
48(8)	0.01563	42.6	43.8
47(7)	0.02041	42.6	43.8
32(6)	0.02778	42.6	43.8
37(7)	0.02041	42.6	43.8
40(7)	0.02041	42.6	43.8
28(6)	0.02778	42.6	43.8
41(7)	0.02041	42.6	43.8
49(8)	0.01563	42.5	43.9
40(7)	0.02041	42.5	43.9
48(8)	0.01563	42.5	43.9
53(8)	0.01563	42.5	43.9
47(7)	0.02041	42.5	43.9
39(7)	0.02041	42.5	43.9
47(7)	0.02041	42.5	43.9
48(8)	0.01563	42.5	43.9
39(7)	0.02041	42.5	43.9
42(7)	0.02041	42.5	44.0
40(7)	0.02041	42.5	44.0
40(7)	0.02041	42.5	44.0
43(7)	0.02041	42.5	44.0
48(8)	0.01563	42.5	44.0
53(8)	0.01563	42.5	44.0
54(8)	0.01563	42.5	44.0
48(8)	0.01563	42.5	44.1
44(7)	0.02041	42.5	44.1
42(7)	0.02041	42.5	44.1
42(7)	0.02041	42.5	44.1
37(7)	0.02041	42.5	44.1
47(7)	0.02041	42.5	44.2
40(7)	0.02041	42.5	44.1
33(6)	0.02778	42.5	44.1
52(8)	0.01563	42.5	44.2
51(8)	0.01563	42.5	44.2
46(7)	0.02041	42.5	44.2

41(7)	0.02041	42.5	44.3
35(6)	0.02778	42.5	44.3
49(8)	0.01563	42.5	44.3
50(8)	0.01563	42.5	44.3
53(8)	0.01563	42.5	44.4
40(7)	0.02041	42.5	44.4
45(7)	0.02041	42.5	44.5
41(7)	0.02041	42.5	44.5
56(8)	0.01563	42.5	44.5
34(6)	0.02778	42.5	44.6
28(6)	0.02778	42.5	44.6
54(8)	0.01563	42.5	44.7
36(7)	0.02041	42.5	44.7
49(8)	0.01563	42.5	44.8
54(8)	0.01563	42.5	44.9
56(8)	0.01563	42.5	44.9
50(8)	0.01563	42.5	45.0
53(8)	0.01563	42.5	45.1
41(7)	0.02041	42.5	45.1
50(8)	0.01563	42.5	45.2
38(7)	0.02041	42.5	45.3
50(8)	0.01563	42.5	45.4
53(8)	0.01563	42.5	45.6
33(6)	0.02778	42.5	45.7
55(8)	0.01563	42.5	45.8
60(8)	0.01563	42.5	46.0
38(7)	0.02041	42.5	46.2
55(8)	0.01563	42.5	46.4
36(7)	0.02041	42.5	46.6
60(8)	0.01563	42.5	46.9
48(8)	0.01563	42.5	47.2
50(8)	0.01563	42.5	47.5
42(7)	0.02041	42.5	47.9
48(8)	0.01563	42.5	48.3
65(9)	0.01235	42.5	48.8
65(9)	0.01235	42.5	49.3
55(8)	0.01563	42.5	49.9
46(7)	0.02041	42.5	50.6
53(8)	0.01563	42.5	51.3
59(8)	0.01563	42.5	52.0
52(8)	0.01563	42.5	52.9
63(9)	0.01235	42.5	53.8
51(8)	0.01563	42.5	54.7
56(8)	0.01563	42.5	55.7
45(7)	0.02041	42.5	56.7
60(8)	0.01563	42.5	57.7
70(9)	0.01235	42.4	58.8
48(8)	0.01563	42.4	59.8
50(8)	0.01563	42.4	60.7
58(8)	0.01563	42.4	61.6
48(8)	0.01563	42.4	62.3
63(9)	0.01235	42.4	62.9
54(8)	0.01563	42.4	63.2
72(9)	0.01235	42.4	63.4

47(7)	0.02041	42.4	63.3
55(8)	0.01563	42.4	63.0
69(9)	0.01235	42.4	62.5
52(8)	0.01563	42.4	61.9
58(8)	0.01563	42.4	61.1
60(8)	0.01563	42.4	60.3
64(9)	0.01235	42.4	59.3
54(8)	0.01563	42.4	58.4
49(8)	0.01563	42.4	57.5
60(8)	0.01563	42.4	56.6
49(8)	0.01563	42.4	55.7
53(8)	0.01563	42.4	54.8
53(8)	0.01563	42.4	54.0
40(7)	0.02041	42.4	53.3
53(8)	0.01563	42.4	52.6
54(8)	0.01563	42.4	51.9
41(7)	0.02041	42.4	51.3
49(8)	0.01563	42.4	50.8
50(8)	0.01563	42.4	50.4
42(7)	0.02041	42.4	49.9
36(7)	0.02041	42.4	49.6
34(6)	0.02778	42.4	49.2
32(6)	0.02778	42.4	49.0
44(7)	0.02041	42.4	48.7
49(8)	0.01563	42.4	48.5
33(6)	0.02778	42.4	48.4
54(8)	0.01563	42.4	48.2
33(6)	0.02778	42.4	48.1
52(8)	0.01563	42.4	48.1
42(7)	0.02041	42.4	48.0
50(8)	0.01563	42.4	48.0
54(8)	0.01563	42.4	47.9
49(8)	0.01563	42.4	47.9
47(7)	0.02041	42.4	47.9
60(8)	0.01563	42.4	47.9
56(8)	0.01563	42.4	48.0
45(7)	0.02041	42.4	48.0
53(8)	0.01563	42.4	48.1
38(7)	0.02041	42.4	48.2
60(8)	0.01563	42.4	48.2
47(7)	0.02041	42.4	48.3
46(7)	0.02041	42.4	48.4
35(6)	0.02778	42.4	48.6
35(7)	0.02041	42.4	48.7
54(8)	0.01563	42.4	48.8
55(8)	0.01563	42.4	49.0
47(8)	0.01563	42.4	49.1
59(8)	0.01563	42.4	49.3
55(8)	0.01563	42.4	49.5
32(6)	0.02778	42.4	49.7
65(9)	0.01235	42.4	49.9
49(8)	0.01563	42.4	50.2
45(7)	0.02041	42.4	50.5
45(7)	0.02041	42.4	50.7

57(8)	0.01563	42.4	51.1
49(8)	0.01563	42.4	51.4
57(8)	0.01563	42.4	51.8
55(8)	0.01563	42.4	52.2
55(8)	0.01563	42.4	52.7
32(6)	0.02778	42.4	53.3
50(8)	0.01563	42.4	53.9
53(8)	0.01563	42.4	54.5
63(9)	0.01235	42.4	55.3
51(8)	0.01563	42.4	56.2
67(9)	0.01235	42.4	57.2
58(8)	0.01563	42.4	58.3
48(8)	0.01563	42.4	59.6
68(9)	0.01235	42.3	61.0
61(9)	0.01235	42.3	62.6
54(8)	0.01563	42.3	64.4
56(8)	0.01563	42.3	66.5
64(9)	0.01235	42.3	68.7
67(9)	0.01235	42.3	71.3
66(9)	0.01235	42.3	74.0
53(8)	0.01563	42.3	77.0
70(9)	0.01235	42.3	80.3
78(10)	0.01000	42.3	83.8
61(8)	0.01563	42.3	87.5
84(10)	0.01000	42.3	91.4
74(9)	0.01235	42.3	95.4
91(10)	0.01000	42.3	99.5
90(10)	0.01000	42.3	103.6
102(11)	0.00826	42.3	107.6
119(12)	0.00694	42.3	111.3
112(11)	0.00826	42.3	114.8
131(12)	0.00694	42.3	117.8
123(12)	0.00694	42.3	120.3
100(11)	0.00826	42.3	122.3
109(11)	0.00826	42.3	123.8
119(12)	0.00694	42.3	124.9
120(12)	0.00694	42.3	125.6
119(12)	0.00694	42.3	126.2
109(11)	0.00826	42.3	126.6
108(11)	0.00826	42.3	127.0
96(11)	0.00826	42.3	127.3
122(12)	0.00694	42.3	127.5
87(10)	0.01000	42.3	127.7
103(11)	0.00826	42.3	127.9
105(11)	0.00826	42.3	127.8
89(10)	0.01000	42.3	127.5
100(11)	0.00826	42.3	126.9
111(11)	0.00826	42.3	126.1
100(11)	0.00826	42.3	124.9
121(12)	0.00694	42.3	123.6
105(11)	0.00826	42.3	122.2
88(10)	0.01000	42.3	120.8
93(10)	0.01000	42.3	119.5
98(11)	0.00826	42.3	118.6

96(11)	0.00826	42.3	118.0
94(11)	0.00826	42.3	117.9
95(11)	0.00826	42.3	118.4
96(11)	0.00826	42.3	119.5
87(10)	0.01000	42.3	121.3
126(12)	0.00694	42.3	123.7
108(11)	0.00826	42.3	126.8
107(11)	0.00826	42.3	130.6
147(13)	0.00592	42.3	134.9
150(13)	0.00592	42.3	139.7
167(14)	0.00510	42.3	144.7
149(13)	0.00592	42.3	150.0
166(14)	0.00510	42.3	155.1
233(17)	0.003460	42.3	159.9
193(15)	0.00444	42.3	164.0
198(15)	0.00444	42.3	167.1
205(16)	0.00391	42.3	169.1
226(16)	0.00391	42.3	169.8
178(15)	0.00444	42.3	169.0
177(14)	0.00510	42.3	167.0
192(15)	0.00444	42.3	163.9
158(14)	0.00510	42.3	160.0
171(14)	0.00510	42.3	155.7
127(12)	0.00694	42.3	151.4
147(13)	0.00592	42.3	147.2
156(14)	0.00510	42.3	143.4
138(13)	0.00592	42.3	140.4
125(12)	0.00694	42.3	138.2
136(13)	0.00592	42.3	137.1
124(12)	0.00694	42.3	137.2
142(13)	0.00592	42.3	138.5
155(14)	0.00510	42.3	141.1
145(13)	0.00592	42.3	145.2
147(13)	0.00592	42.3	150.6
171(14)	0.00510	42.3	157.3
155(14)	0.00510	42.3	165.3
201(15)	0.00444	42.2	174.4
222(16)	0.00391	42.2	184.5
215(16)	0.00391	42.2	195.3
221(16)	0.00391	42.2	206.6
255(17)	0.003460	42.2	217.9
291(19)	0.002770	42.2	228.9
287(18)	0.003086	42.2	238.9
332(20)	0.002500	42.2	247.5
266(18)	0.003086	42.2	253.9
314(19)	0.002770	42.2	257.9
308(19)	0.002770	42.2	259.0
265(18)	0.003086	42.2	257.2
270(18)	0.003086	42.2	252.6
250(17)	0.003460	42.2	245.6
256(17)	0.003460	42.2	236.8
222(16)	0.00391	42.2	226.5
244(17)	0.003460	42.2	215.5
229(16)	0.00391	42.2	204.0

183(15)	0.00444	42.2	192.5
169(14)	0.00510	42.2	181.2
185(15)	0.00444	42.2	170.5
165(14)	0.00510	42.2	160.4
152(13)	0.00592	42.2	151.0
158(14)	0.00510	42.2	142.4
140(13)	0.00592	42.2	134.6
151(13)	0.00592	42.2	127.5
136(13)	0.00592	42.2	121.2
140(13)	0.00592	42.2	115.4
132(13)	0.00592	42.2	110.1
132(12)	0.00694	42.2	105.2
129(12)	0.00694	42.2	100.7
117(12)	0.00694	42.2	96.5
105(11)	0.00826	42.2	92.6
107(11)	0.00826	42.2	88.9
96(11)	0.00826	42.2	85.4
79(10)	0.01000	42.2	82.2
69(9)	0.01235	42.2	79.1
105(11)	0.00826	42.2	76.3
86(10)	0.01000	42.2	73.7
66(9)	0.01235	42.2	71.3
68(9)	0.01235	42.2	69.1
67(9)	0.01235	42.2	67.1
81(10)	0.01000	42.2	65.3
61(9)	0.01235	42.2	63.6
52(8)	0.01563	42.2	62.1
80(10)	0.01000	42.2	60.7
70(9)	0.01235	42.2	59.4
65(9)	0.01235	42.2	58.3
58(8)	0.01563	42.2	57.2
59(8)	0.01563	42.2	56.3
70(9)	0.01235	42.2	55.5
37(7)	0.02041	42.2	54.7
46(7)	0.02041	42.2	54.0
48(8)	0.01563	42.2	53.4
44(7)	0.02041	42.2	52.8
53(8)	0.01563	42.2	52.3
53(8)	0.01563	42.2	51.9
55(8)	0.01563	42.2	51.4
47(7)	0.02041	42.2	51.0
60(8)	0.01563	42.2	50.7
53(8)	0.01563	42.2	50.3
66(9)	0.01235	42.2	50.0
47(8)	0.01563	42.2	49.7
57(8)	0.01563	42.2	49.4
44(7)	0.02041	42.2	49.2
34(6)	0.02778	42.2	48.9
56(8)	0.01563	42.2	48.7
45(7)	0.02041	42.2	48.5
57(8)	0.01563	42.2	48.3
51(8)	0.01563	42.2	48.1
44(7)	0.02041	42.2	47.9
41(7)	0.02041	42.2	47.7

57(8)	0.01563	42.2	47.6
56(8)	0.01563	42.2	47.4
65(9)	0.01235	42.2	47.2
54(8)	0.01563	42.2	47.1
47(8)	0.01563	42.2	47.0
46(7)	0.02041	42.2	46.8
48(8)	0.01563	42.2	46.7
40(7)	0.02041	42.1	46.6
49(8)	0.01563	42.1	46.5
51(8)	0.01563	42.1	46.3
49(8)	0.01563	42.1	46.2
36(7)	0.02041	42.1	46.1
34(6)	0.02778	42.1	46.0
56(8)	0.01563	42.1	45.9
54(8)	0.01563	42.1	45.8
51(8)	0.01563	42.1	45.8
47(8)	0.01563	42.1	45.7
48(8)	0.01563	42.1	45.6
47(8)	0.01563	42.1	45.5
51(8)	0.01563	42.1	45.4
46(7)	0.02041	42.1	45.8
53(8)	0.01563	42.1	45.8
47(7)	0.02041	42.1	45.7
43(7)	0.02041	42.1	45.6
43(7)	0.02041	42.1	45.6
33(6)	0.02778	42.1	45.5
48(8)	0.01563	42.1	45.4
44(7)	0.02041	42.1	45.4
44(7)	0.02041	42.1	45.3
33(6)	0.02778	42.1	45.3
60(8)	0.01563	42.1	45.2
47(8)	0.01563	42.1	45.2
46(7)	0.02041	42.1	45.1
50(8)	0.01563	42.1	45.1
50(8)	0.01563	42.1	45.0
37(7)	0.02041	42.1	45.0
43(7)	0.02041	42.1	44.9
45(7)	0.02041	42.1	44.9
42(7)	0.02041	42.1	44.9
37(7)	0.02041	42.1	44.8
32(6)	0.02778	42.1	44.8
38(7)	0.02041	42.1	44.7
45(7)	0.02041	42.1	44.7
49(8)	0.01563	42.1	44.7
42(7)	0.02041	42.1	44.6
35(7)	0.02041	42.1	44.6
63(9)	0.01235	42.1	44.6
53(8)	0.01563	42.1	44.5
48(8)	0.01563	42.1	44.5
40(7)	0.02041	42.1	44.5
50(8)	0.01563	42.1	44.5
46(7)	0.02041	42.1	44.4
40(7)	0.02041	42.1	44.4
42(7)	0.02041	42.1	44.4

45(7)	0.02041	42.1	44.4
46(7)	0.02041	42.1	44.3
49(8)	0.01563	42.1	44.3
53(8)	0.01563	42.1	44.3
52(8)	0.01563	42.1	44.3
46(7)	0.02041	42.1	44.2
56(8)	0.01563	42.1	44.2
39(7)	0.02041	42.1	44.2
44(7)	0.02041	42.1	44.2
50(8)	0.01563	42.1	44.2
39(7)	0.02041	42.1	44.1
39(7)	0.02041	42.1	44.1
55(8)	0.01563	42.1	44.1
47(7)	0.02041	42.1	44.1
42(7)	0.02041	42.1	44.1
54(8)	0.01563	42.1	44.0
47(8)	0.01563	42.1	44.0
44(7)	0.02041	42.1	44.0
43(7)	0.02041	42.1	44.0
54(7)	0.02041	42.1	44.0
38(6)	0.02778	42.1	44.0
39(6)	0.02778	42.1	44.0
50(7)	0.02041	42.1	43.9
51(7)	0.02041	42.1	43.9
61(8)	0.01563	42.1	43.9
47(7)	0.02041	42.1	43.9
41(6)	0.02778	42.1	43.9
55(7)	0.02041	42.1	43.9
36(6)	0.02778	42.1	43.9
44(7)	0.02041	42.1	43.9
50(7)	0.02041	42.1	43.8
40(6)	0.02778	42.0	43.8
46(7)	0.02041	42.0	43.8
49(7)	0.02041	42.0	43.8
45(7)	0.02041	42.0	43.8
52(7)	0.02041	42.0	43.8
33(6)	0.02778	42.0	43.8
37(6)	0.02778	42.0	43.8
36(6)	0.02778	42.0	43.8
49(7)	0.02041	42.0	43.8
43(7)	0.02041	42.0	43.7
47(7)	0.02041	42.0	43.7
44(7)	0.02041	42.0	43.7
49(7)	0.02041	42.0	43.7
57(8)	0.01563	42.0	43.7
44(7)	0.02041	42.0	43.7
51(7)	0.02041	42.0	43.7
53(7)	0.02041	42.0	43.7
47(7)	0.02041	42.0	43.7
41(6)	0.02778	42.0	43.7
49(7)	0.02041	42.0	43.7
52(7)	0.02041	42.0	43.7
48(7)	0.02041	42.0	43.7
42(7)	0.02041	42.0	43.7

49(7)	0.02041	42.0	43.6
31(6)	0.02778	42.0	43.6
44(7)	0.02041	42.0	43.6
48(7)	0.02041	42.0	43.6
39(6)	0.02778	42.0	43.6
56(7)	0.02041	42.0	43.6
41(6)	0.02778	42.0	43.6
51(7)	0.02041	42.0	43.6
38(6)	0.02778	42.0	43.6
61(8)	0.01563	42.0	43.6
39(6)	0.02778	42.0	43.6
50(7)	0.02041	42.0	43.7
45(7)	0.02041	42.0	43.6
42(6)	0.02778	42.0	43.6
49(7)	0.02041	42.0	43.6
40(6)	0.02778	42.0	43.6
49(7)	0.02041	42.0	43.6
54(7)	0.02041	42.0	43.6
54(7)	0.02041	42.0	43.6
33(6)	0.02778	42.0	43.6
42(7)	0.02041	42.0	43.6
34(6)	0.02778	42.0	43.6
37(6)	0.02778	42.0	43.6
44(7)	0.02041	42.0	43.6
51(7)	0.02041	42.0	43.6
43(7)	0.02041	42.0	43.6
42(7)	0.02041	42.0	43.6
39(6)	0.02778	42.0	43.6
50(7)	0.02041	42.0	43.6
48(7)	0.02041	42.0	43.6
43(7)	0.02041	42.0	43.6
43(7)	0.02041	42.0	43.6
52(7)	0.02041	42.0	43.6
48(7)	0.02041	42.0	43.6
52(7)	0.02041	42.0	43.6
47(7)	0.02041	42.0	43.6
42(7)	0.02041	42.0	43.6
51(7)	0.02041	42.0	43.6
34(6)	0.02778	42.0	43.6
49(7)	0.02041	42.0	43.6
39(6)	0.02778	42.0	43.6
50(7)	0.02041	42.0	43.6
43(7)	0.02041	42.0	43.6
38(6)	0.02778	42.0	43.6
45(7)	0.02041	42.0	43.6
41(6)	0.02778	42.0	43.7
40(6)	0.02778	42.0	43.7
53(7)	0.02041	42.0	43.7
46(7)	0.02041	42.0	43.7
30(5)	0.0400	42.0	43.7
39(6)	0.02778	42.0	43.7
46(7)	0.02041	42.0	43.7
44(7)	0.02041	42.0	43.7
36(6)	0.02778	42.0	43.7

43(7)	0.02041	42.0	43.7
42(6)	0.02778	41.9	43.7
47(7)	0.02041	41.9	43.7
56(7)	0.02041	41.9	43.7
48(7)	0.02041	41.9	43.7
45(7)	0.02041	41.9	43.7
48(7)	0.02041	41.9	43.7
48(7)	0.02041	41.9	43.7
49(7)	0.02041	41.9	43.7
33(6)	0.02778	41.9	43.7
53(7)	0.02041	41.9	43.7
34(6)	0.02778	41.9	43.7
46(7)	0.02041	41.9	43.7
39(6)	0.02778	41.9	43.8
42(6)	0.02778	41.9	43.8
54(7)	0.02041	41.9	43.8
57(8)	0.01563	41.9	43.8
42(7)	0.02041	41.9	43.8
42(6)	0.02778	41.9	43.8
43(7)	0.02041	41.9	43.8
50(7)	0.02041	41.9	43.8
41(6)	0.02778	41.9	43.8
47(7)	0.02041	41.9	43.8
41(6)	0.02778	41.9	43.8
46(7)	0.02041	41.9	43.8
39(6)	0.02778	41.9	43.8
44(7)	0.02041	41.9	43.8
46(7)	0.02041	41.9	43.9
45(7)	0.02041	41.9	43.9
49(7)	0.02041	41.9	43.9
54(7)	0.02041	41.9	43.9
51(7)	0.02041	41.9	43.9
41(6)	0.02778	41.9	43.9
65(8)	0.01563	41.9	43.9
56(7)	0.02041	41.9	43.9
47(7)	0.02041	41.9	43.9
44(7)	0.02041	41.9	43.9
50(7)	0.02041	41.9	44.0
48(7)	0.02041	41.9	44.0
42(6)	0.02778	41.9	44.0
41(6)	0.02778	41.9	44.0
55(7)	0.02041	41.9	44.0
34(6)	0.02778	41.9	44.0
42(6)	0.02778	41.9	44.0
43(7)	0.02041	41.9	44.0
42(6)	0.02778	41.9	44.1
36(6)	0.02778	41.9	44.1
48(7)	0.02041	41.9	44.1
44(7)	0.02041	41.9	44.1
35(6)	0.02778	41.9	44.1
54(7)	0.02041	41.9	44.1
40(6)	0.02778	41.9	44.1
42(7)	0.02041	41.9	44.2
40(6)	0.02778	41.9	44.1

55(7)	0.02041	41.9	44.2
49(7)	0.02041	41.9	44.2
50(7)	0.02041	41.9	44.2
39(6)	0.02778	41.9	44.2
45(7)	0.02041	41.9	44.2
43(7)	0.02041	41.9	44.2
43(7)	0.02041	41.9	44.3
49(7)	0.02041	41.9	44.3
54(7)	0.02041	41.9	44.3
44(7)	0.02041	41.9	44.3
34(6)	0.02778	41.9	44.3
42(6)	0.02778	41.9	44.4
46(7)	0.02041	41.9	44.4
54(7)	0.02041	41.9	44.4
40(6)	0.02778	41.9	44.4
42(7)	0.02041	41.9	44.4
42(6)	0.02778	41.9	44.5
39(6)	0.02778	41.9	44.5
35(6)	0.02778	41.9	44.5
48(7)	0.02041	41.9	44.5
44(7)	0.02041	41.9	44.6
48(7)	0.02041	41.9	44.6
58(8)	0.01563	41.8	44.6
55(7)	0.02041	41.8	44.6
39(6)	0.02778	41.8	44.7
45(7)	0.02041	41.8	44.7
41(6)	0.02778	41.8	44.7
51(7)	0.02041	41.8	44.7
52(7)	0.02041	41.8	44.8
37(6)	0.02778	41.8	44.8
46(7)	0.02041	41.8	44.8
55(7)	0.02041	41.8	44.9
39(6)	0.02778	41.8	44.9
46(7)	0.02041	41.8	44.9
45(7)	0.02041	41.8	45.0
51(7)	0.02041	41.8	45.0
43(7)	0.02041	41.8	45.0
40(6)	0.02778	41.8	45.1
42(7)	0.02041	41.8	45.1
51(7)	0.02041	41.8	45.1
36(6)	0.02778	41.8	45.2
46(7)	0.02041	41.8	45.2
42(6)	0.02778	41.8	45.2
49(7)	0.02041	41.8	45.3
44(7)	0.02041	41.8	45.3
47(7)	0.02041	41.8	45.4
35(6)	0.02778	41.8	45.4
39(6)	0.02778	41.8	45.5
52(7)	0.02041	41.8	45.5
38(6)	0.02778	41.8	45.5
57(8)	0.01563	41.8	45.6
48(7)	0.02041	41.8	45.7
43(7)	0.02041	41.8	45.7
43(7)	0.02041	41.8	45.8

45(7)	0.02041	41.8	45.8
37(6)	0.02778	41.8	45.9
54(7)	0.02041	41.8	45.9
40(6)	0.02778	41.8	46.0
54(7)	0.02041	41.8	46.0
52(7)	0.02041	41.8	46.1
45(7)	0.02041	41.8	46.1
49(7)	0.02041	41.8	46.2
51(7)	0.02041	41.8	46.3
42(6)	0.02778	41.8	46.3
41(6)	0.02778	41.8	46.4
46(7)	0.02041	41.8	46.4
38(6)	0.02778	41.8	46.5
38(6)	0.02778	41.8	46.6
36(6)	0.02778	41.8	46.6
56(7)	0.02041	41.8	46.7
43(7)	0.02041	41.8	46.8
34(6)	0.02778	41.8	46.9
44(7)	0.02041	41.8	46.9
39(6)	0.02778	41.8	47.0
50(7)	0.02041	41.8	47.1
37(6)	0.02778	41.8	47.2
35(6)	0.02778	41.8	47.3
45(7)	0.02041	41.8	47.3
52(7)	0.02041	41.8	47.4
45(7)	0.02041	41.8	47.5
52(7)	0.02041	41.8	47.6
50(7)	0.02041	41.8	47.7
55(7)	0.02041	41.8	47.8
35(6)	0.02778	41.8	47.9
53(7)	0.02041	41.8	48.0
46(7)	0.02041	41.8	48.1
45(7)	0.02041	41.8	48.2
49(7)	0.02041	41.8	48.3
47(7)	0.02041	41.8	48.5
37(6)	0.02778	41.8	48.6
45(7)	0.02041	41.8	48.7
38(6)	0.02778	41.8	48.8
50(7)	0.02041	41.8	48.9
42(6)	0.02778	41.8	49.1
42(6)	0.02778	41.8	49.2
43(7)	0.02041	41.8	49.4
53(7)	0.02041	41.7	49.5
60(8)	0.01563	41.7	49.6
50(7)	0.02041	41.7	49.8
43(7)	0.02041	41.7	50.0
51(7)	0.02041	41.7	50.4
45(7)	0.02041	41.7	50.6
41(6)	0.02778	41.7	50.8
54(7)	0.02041	41.7	51.0
42(6)	0.02778	41.7	51.1
39(6)	0.02778	41.7	51.3
42(6)	0.02778	41.7	51.5
53(7)	0.02041	41.7	51.8

48(7)	0.02041	41.7	52.0
59(8)	0.01563	41.7	52.2
44(7)	0.02041	41.7	52.4
51(7)	0.02041	41.7	52.6
57(8)	0.01563	41.7	52.9
49(7)	0.02041	41.7	53.1
42(6)	0.02778	41.7	53.4
51(7)	0.02041	41.7	53.7
54(7)	0.02041	41.7	53.9
41(6)	0.02778	41.7	54.2
51(7)	0.02041	41.7	54.5
49(7)	0.02041	41.7	54.7
39(6)	0.02778	41.7	55.0
48(7)	0.02041	41.7	55.4
47(7)	0.02041	41.7	55.7
41(6)	0.02778	41.7	56.1
70(8)	0.01563	41.7	56.5
50(7)	0.02041	41.7	56.9
41(6)	0.02778	41.7	57.3
50(7)	0.02041	41.7	57.7
58(8)	0.01563	41.7	58.2
66(8)	0.01563	41.7	58.6
55(7)	0.02041	41.7	59.1
55(7)	0.02041	41.7	59.6
50(7)	0.02041	41.7	60.2
48(7)	0.02041	41.7	60.7
57(8)	0.01563	41.7	61.3
55(7)	0.02041	41.7	61.9
41(6)	0.02778	41.7	62.5
64(8)	0.01563	41.7	63.2
45(7)	0.02041	41.7	63.9
57(8)	0.01563	41.7	64.6
60(8)	0.01563	41.7	65.4
53(7)	0.02041	41.7	66.2
59(8)	0.01563	41.7	67.1
68(8)	0.01563	41.7	68.0
45(7)	0.02041	41.7	69.0
60(8)	0.01563	41.7	70.0
48(7)	0.02041	41.7	71.0
69(8)	0.01563	41.7	72.5
63(8)	0.01563	41.7	73.7
82(9)	0.01235	41.7	74.9
72(8)	0.01563	41.7	76.3
71(8)	0.01563	41.7	77.7
61(8)	0.01563	41.7	79.3
94(10)	0.01000	41.7	81.0
88(9)	0.01235	41.7	82.8
75(9)	0.01235	41.7	84.7
83(9)	0.01235	41.7	86.8
91(10)	0.01000	41.7	89.0
87(9)	0.01235	41.7	91.5
86(9)	0.01235	41.7	94.2
79(9)	0.01235	41.7	97.2
86(9)	0.01235	41.7	100.5

101(10)	0.01000	41.7	104.1
93(10)	0.01000	41.7	108.1
99(10)	0.01000	41.7	112.5
110(10)	0.01000	41.7	117.4
120(11)	0.00826	41.7	122.9
109(10)	0.01000	41.6	129.0
124(11)	0.00826	41.6	135.8
128(11)	0.00826	41.6	143.3
130(11)	0.00826	41.6	151.7
141(12)	0.00694	41.6	161.1
167(13)	0.00592	41.6	171.5
157(13)	0.00592	41.6	182.9
172(13)	0.00592	41.6	195.5
185(14)	0.00510	41.6	209.3
225(15)	0.00444	41.6	224.4
228(15)	0.00444	41.6	240.8
223(15)	0.00444	41.6	258.7
238(15)	0.00444	41.6	277.9
292(17)	0.003460	41.6	298.5
287(17)	0.003460	41.6	320.5
335(18)	0.003086	41.6	343.7
396(20)	0.002500	41.6	368.1
394(20)	0.002500	41.6	393.5
451(21)	0.002268	41.6	419.5
519(23)	0.001890	41.6	445.9
496(22)	0.002066	41.6	472.2
631(25)	0.001600	41.6	497.8
664(26)	0.001479	41.6	522.2
730(27)	0.001372	41.6	544.4
762(28)	0.001276	41.6	563.9
758(27)	0.001372	41.6	579.6
856(29)	0.001189	41.6	591.0
857(29)	0.001189	41.6	597.5
801(28)	0.001276	41.6	598.7
791(28)	0.001276	41.6	594.6
772(28)	0.001276	41.6	585.4
708(27)	0.001372	41.6	571.7
671(26)	0.001479	41.6	554.0
590(24)	0.001736	41.6	533.1
552(23)	0.001890	41.6	509.9
454(21)	0.002268	41.6	485.1
444(21)	0.002268	41.6	459.4
412(20)	0.002500	41.6	433.5
346(19)	0.002770	41.6	407.8
329(18)	0.003086	41.6	382.7
306(18)	0.003086	41.6	358.5
291(17)	0.003460	41.6	335.5
247(16)	0.00391	41.6	314.0
260(16)	0.00391	41.6	293.7
194(14)	0.00510	41.6	274.9
211(15)	0.00444	41.6	257.5
222(15)	0.00444	41.6	241.6
190(14)	0.00510	41.6	227.3
203(14)	0.00510	41.6	214.3

186(14)	0.00510	41.6	202.8
182(13)	0.00592	41.6	192.6
138(12)	0.00694	41.6	183.6
149(12)	0.00694	41.6	175.8
157(13)	0.00592	41.6	169.2
137(12)	0.00694	41.6	163.5
175(13)	0.00592	41.6	158.8
127(11)	0.00826	41.6	154.9
129(11)	0.00826	41.6	151.7
140(12)	0.00694	41.6	149.1
131(12)	0.00694	41.6	147.1
139(12)	0.00694	41.6	145.5
162(13)	0.00592	41.6	144.2
154(12)	0.00694	41.6	143.0
137(12)	0.00694	41.6	141.9
130(11)	0.00826	41.6	140.7
120(11)	0.00826	41.6	139.3
113(11)	0.00826	41.6	137.7
140(12)	0.00694	41.6	135.7
126(11)	0.00826	41.5	133.3
122(11)	0.00826	41.5	130.5
112(11)	0.00826	41.5	127.4
121(11)	0.00826	41.5	124.1
115(11)	0.00826	41.5	120.5
115(11)	0.00826	41.5	116.9
95(10)	0.01000	41.5	113.1
93(10)	0.01000	41.5	109.4
101(10)	0.01000	41.5	105.7
95(10)	0.01000	41.5	102.2
90(10)	0.01000	41.5	98.8
92(10)	0.01000	41.5	95.5
84(9)	0.01235	41.5	92.4
81(9)	0.01235	41.5	89.5
93(10)	0.01000	41.5	86.7
87(9)	0.01235	41.5	84.2
75(9)	0.01235	41.5	81.8
88(9)	0.01235	41.5	79.7
75(9)	0.01235	41.5	77.6
82(9)	0.01235	41.5	75.8
79(9)	0.01235	41.5	74.1
66(8)	0.01563	41.5	72.5
71(8)	0.01563	41.5	71.1
49(7)	0.02041	41.5	69.8
76(9)	0.01235	41.5	68.6
62(8)	0.01563	41.5	67.5
66(8)	0.01563	41.5	66.6
54(7)	0.02041	41.5	65.6
65(8)	0.01563	41.5	64.8
55(7)	0.02041	41.5	64.0
61(8)	0.01563	41.5	63.3
57(8)	0.01563	41.5	62.7
53(7)	0.02041	41.5	62.1
61(8)	0.01563	41.5	61.5
58(8)	0.01563	41.5	61.0

57(8)	0.01563	41.5	60.5
65(8)	0.01563	41.5	60.0
60(8)	0.01563	41.5	59.6
42(6)	0.02778	41.5	59.2
66(8)	0.01563	41.5	58.8
58(8)	0.01563	41.5	58.4
54(7)	0.02041	41.5	58.0
52(7)	0.02041	41.5	57.7
46(7)	0.02041	41.5	57.4
44(7)	0.02041	41.5	57.1
52(7)	0.02041	41.5	56.9
42(7)	0.02041	41.5	56.6
51(7)	0.02041	41.5	56.4
57(8)	0.01563	41.5	56.1
43(7)	0.02041	41.5	55.9
46(7)	0.02041	41.5	55.6
57(8)	0.01563	41.5	55.4
52(7)	0.02041	41.5	55.2
52(7)	0.02041	41.5	55.0
54(7)	0.02041	41.5	54.8
45(7)	0.02041	41.5	54.7
47(7)	0.02041	41.5	54.5
53(7)	0.02041	41.5	54.3
50(7)	0.02041	41.5	54.2
44(7)	0.02041	41.5	54.0
48(7)	0.02041	41.5	53.9
58(8)	0.01563	41.5	53.8
45(7)	0.02041	41.5	53.7
57(8)	0.01563	41.5	53.5
58(8)	0.01563	41.5	53.4
56(8)	0.01563	41.5	53.3
61(8)	0.01563	41.4	53.2
42(7)	0.02041	41.4	53.1
46(7)	0.02041	41.4	53.0
43(7)	0.02041	41.4	53.0
49(7)	0.02041	41.4	52.9
44(7)	0.02041	41.4	52.8
49(7)	0.02041	41.4	52.7
52(7)	0.02041	41.4	52.7
52(7)	0.02041	41.4	52.6
50(7)	0.02041	41.4	52.6
58(8)	0.01563	41.4	52.5
39(6)	0.02778	41.4	52.5
37(6)	0.02778	41.4	52.4
58(8)	0.01563	41.4	52.4
43(7)	0.02041	41.4	52.4
40(6)	0.02778	41.4	52.3
42(7)	0.02041	41.4	52.3
41(6)	0.02778	41.4	52.3
35(6)	0.02778	41.4	52.3
43(7)	0.02041	41.4	52.3
52(7)	0.02041	41.4	52.3
63(8)	0.01563	41.4	52.3
54(7)	0.02041	41.4	52.3

46(7)	0.02041	41.4	52.3
55(7)	0.02041	41.4	52.4
49(7)	0.02041	41.4	52.4
51(7)	0.02041	41.4	52.4
42(7)	0.02041	41.4	52.4
54(7)	0.02041	41.4	52.5
42(6)	0.02778	41.4	52.5
62(8)	0.01563	41.4	52.5
53(7)	0.02041	41.4	52.6
47(7)	0.02041	41.4	52.6
42(7)	0.02041	41.4	52.7
60(8)	0.01563	41.4	52.7
55(7)	0.02041	41.4	52.8
51(7)	0.02041	41.4	52.9
46(7)	0.02041	41.4	53.0
49(7)	0.02041	41.4	53.0
43(7)	0.02041	41.4	53.1
55(7)	0.02041	41.4	53.4
44(7)	0.02041	41.4	53.5
45(7)	0.02041	41.4	53.6
54(7)	0.02041	41.4	53.7
41(6)	0.02778	41.4	53.8
55(7)	0.02041	41.4	53.9
57(8)	0.01563	41.4	54.2
55(7)	0.02041	41.4	54.4
45(7)	0.02041	41.4	54.5
59(8)	0.01563	41.4	54.7
47(7)	0.02041	41.4	54.9
46(7)	0.02041	41.4	55.1
53(7)	0.02041	41.4	55.3
67(8)	0.01563	41.4	55.5
51(7)	0.02041	41.4	55.8
55(7)	0.02041	41.4	56.1
64(8)	0.01563	41.4	56.4
56(8)	0.01563	41.4	56.7
49(7)	0.02041	41.4	57.1
48(7)	0.02041	41.4	57.5
62(8)	0.01563	41.4	57.9
49(7)	0.02041	41.4	58.4
46(7)	0.02041	41.3	58.9
53(7)	0.02041	41.3	59.5
50(7)	0.02041	41.3	60.1
60(8)	0.01563	41.3	60.8
54(7)	0.02041	41.3	61.6
47(7)	0.02041	41.3	62.4
66(8)	0.01563	41.3	63.3
60(8)	0.01563	41.3	64.2
65(8)	0.01563	41.3	65.3
65(8)	0.01563	41.3	66.3
52(7)	0.02041	41.3	67.4
73(9)	0.01235	41.3	68.6
58(8)	0.01563	41.3	69.8
87(9)	0.01235	41.3	71.0
75(9)	0.01235	41.3	72.1

77(9)	0.01235	41.3	73.3
89(9)	0.01235	41.3	74.3
66(8)	0.01563	41.3	75.3
72(9)	0.01235	41.3	76.1
61(8)	0.01563	41.3	76.8
73(9)	0.01235	41.3	77.4
77(9)	0.01235	41.3	77.9
66(8)	0.01563	41.3	78.2
81(9)	0.01235	41.3	78.6
60(8)	0.01563	41.3	78.9
90(9)	0.01235	41.3	79.2
69(8)	0.01563	41.3	79.6
64(8)	0.01563	41.3	80.1
69(8)	0.01563	41.3	80.7
66(8)	0.01563	41.3	81.5
68(8)	0.01563	41.3	82.5
71(8)	0.01563	41.3	83.7
68(8)	0.01563	41.3	85.3
81(9)	0.01235	41.3	87.2
99(10)	0.01000	41.3	89.5
84(9)	0.01235	41.3	92.2
89(9)	0.01235	41.3	95.5
106(10)	0.01000	41.3	99.4
83(9)	0.01235	41.3	104.0
81(9)	0.01235	41.3	109.4
118(11)	0.00826	41.3	115.7
129(11)	0.00826	41.3	122.9
124(11)	0.00826	41.3	131.1
118(11)	0.00826	41.3	140.5
134(12)	0.00694	41.3	151.1
178(13)	0.00592	41.3	163.0
170(13)	0.00592	41.3	176.1
185(14)	0.00510	41.3	190.5
239(16)	0.00391	41.3	206.2
243(16)	0.00391	41.3	223.0
304(17)	0.003460	41.3	240.8
290(17)	0.003460	41.3	259.6
328(18)	0.003086	41.3	278.8
318(18)	0.003086	41.3	298.4
382(20)	0.002500	41.3	317.6
436(21)	0.002268	41.3	336.1
440(21)	0.002268	41.3	353.1
479(22)	0.002066	41.3	367.9
521(23)	0.001890	41.3	379.9
454(21)	0.002268	41.3	388.3
517(23)	0.001890	41.2	392.8
491(22)	0.002066	41.2	393.1
426(21)	0.002268	41.2	389.4
459(21)	0.002268	41.2	382.0
425(21)	0.002268	41.2	371.7
357(19)	0.002770	41.2	359.0
357(19)	0.002770	41.2	344.8
322(18)	0.003086	41.2	329.6
295(17)	0.003460	41.2	314.2

277(17)	0.003460	41.2	298.8
273(17)	0.003460	41.2	283.9
267(16)	0.00391	41.2	269.7
244(16)	0.00391	41.2	256.5
203(14)	0.00510	41.2	244.1
213(15)	0.00444	41.2	232.8
225(15)	0.00444	41.2	222.3
216(15)	0.00444	41.2	212.8
203(14)	0.00510	41.2	204.0
180(13)	0.00592	41.2	195.9
184(14)	0.00510	41.2	188.3
170(13)	0.00592	41.2	181.3
172(13)	0.00592	41.2	174.8
169(13)	0.00592	41.2	168.7
148(12)	0.00694	41.2	163.1
159(13)	0.00592	41.2	157.9
135(12)	0.00694	41.2	153.2
135(12)	0.00694	41.2	149.0
128(11)	0.00826	41.2	145.2
117(11)	0.00826	41.2	141.9
134(12)	0.00694	41.2	139.1
134(12)	0.00694	41.2	136.7
131(12)	0.00694	41.2	134.9
125(11)	0.00826	41.2	133.5
127(11)	0.00826	41.2	132.6
115(11)	0.00826	41.2	132.2
117(11)	0.00826	41.2	132.3
86(9)	0.01235	41.2	132.9
107(10)	0.01000	41.2	134.0
144(12)	0.00694	41.2	135.6
127(11)	0.00826	41.2	137.8
149(12)	0.00694	41.2	140.5
119(11)	0.00826	41.2	143.8
118(11)	0.00826	41.2	147.7
135(12)	0.00694	41.2	152.3
123(11)	0.00826	41.2	157.5
133(12)	0.00694	41.2	163.5
141(12)	0.00694	41.2	170.3
170(13)	0.00592	41.2	178.0
190(14)	0.00510	41.2	186.5
158(13)	0.00592	41.2	196.0
154(12)	0.00694	41.2	206.5
167(13)	0.00592	41.2	218.0
197(14)	0.00510	41.2	230.5
194(14)	0.00510	41.2	244.0
233(15)	0.00444	41.2	258.6
244(16)	0.00391	41.2	274.2
242(16)	0.00391	41.2	290.8
298(17)	0.003460	41.2	308.2
296(17)	0.003460	41.1	326.2
374(19)	0.002770	41.1	344.8
347(19)	0.002770	41.1	363.7
391(20)	0.002500	41.1	382.5
390(20)	0.002500	41.1	400.9

403(20)	0.002500	41.1	418.5
459(21)	0.002268	41.1	434.7
478(22)	0.002066	41.1	449.1
532(23)	0.001890	41.1	461.4
510(23)	0.001890	41.1	471.1
530(23)	0.001890	41.1	478.1
558(24)	0.001736	41.1	482.2
531(23)	0.001890	41.1	483.6
490(22)	0.002066	41.1	482.3
501(22)	0.002066	41.1	478.6
441(21)	0.002268	41.1	472.8
464(22)	0.002066	41.1	465.2
452(21)	0.002268	41.1	455.9
434(21)	0.002268	41.1	445.1
379(19)	0.002770	41.1	433.0
388(20)	0.002500	41.1	419.5
377(19)	0.002770	41.1	404.9
346(19)	0.002770	41.1	389.1
304(17)	0.003460	41.1	372.4
296(17)	0.003460	41.1	355.1
304(17)	0.003460	41.1	337.3
270(16)	0.00391	41.1	319.3
261(16)	0.00391	41.1	301.4
234(15)	0.00444	41.1	284.0
233(15)	0.00444	41.1	267.1
207(14)	0.00510	41.1	250.9
165(13)	0.00592	41.1	235.6
172(13)	0.00592	41.1	221.2
189(14)	0.00510	41.1	207.8
175(13)	0.00592	41.1	195.4
143(12)	0.00694	41.1	184.0
147(12)	0.00694	41.1	173.6
154(12)	0.00694	41.1	164.2
111(11)	0.00826	41.1	155.6
132(12)	0.00694	41.1	147.9
105(10)	0.01000	41.1	141.1
129(11)	0.00826	41.1	134.9
123(11)	0.00826	41.1	129.5
87(9)	0.01235	41.1	124.6
107(10)	0.01000	41.1	120.4
94(10)	0.01000	41.1	116.7
103(10)	0.01000	41.1	113.4
82(9)	0.01235	41.1	110.6
83(9)	0.01235	41.1	108.1
97(10)	0.01000	41.1	106.0
89(9)	0.01235	41.1	104.1
90(10)	0.01000	41.1	102.6
84(9)	0.01235	41.1	101.3
81(9)	0.01235	41.1	100.2
85(9)	0.01235	41.1	99.4
88(9)	0.01235	41.0	98.7
75(9)	0.01235	41.0	98.3
86(9)	0.01235	41.0	98.1
72(8)	0.01563	41.0	98.0

81(9)	0.01235	41.0	98.2
78(9)	0.01235	41.0	98.6
78(9)	0.01235	41.0	99.2
92(10)	0.01000	41.0	100.0
86(9)	0.01235	41.0	101.0
106(10)	0.01000	41.0	102.3
100(10)	0.01000	41.0	103.8
94(10)	0.01000	41.0	105.6
90(10)	0.01000	41.0	107.6
73(9)	0.01235	41.0	109.9
92(10)	0.01000	41.0	112.5
103(10)	0.01000	41.0	115.3
110(11)	0.00826	41.0	118.3
95(10)	0.01000	41.0	121.6
116(11)	0.00826	41.0	125.1
116(11)	0.00826	41.0	128.8
102(10)	0.01000	41.0	132.6
133(12)	0.00694	41.0	136.5
136(12)	0.00694	41.0	140.4
135(12)	0.00694	41.0	144.2
150(12)	0.00694	41.0	147.9
134(12)	0.00694	41.0	151.4
125(11)	0.00826	41.0	154.5
167(13)	0.00592	41.0	157.3
151(12)	0.00694	41.0	159.7
166(13)	0.00592	41.0	161.7
175(13)	0.00592	41.0	163.4
158(13)	0.00592	41.0	165.0
157(13)	0.00592	41.0	166.4
161(13)	0.00592	41.0	167.9
145(12)	0.00694	41.0	169.6
164(13)	0.00592	41.0	171.7
186(14)	0.00510	41.0	174.3
164(13)	0.00592	41.0	177.4
173(13)	0.00592	41.0	181.3
154(12)	0.00694	41.0	186.0
172(13)	0.00592	41.0	191.5
191(14)	0.00510	41.0	197.9
165(13)	0.00592	41.0	205.4
221(15)	0.00444	41.0	213.8
209(15)	0.00444	41.0	223.3
231(15)	0.00444	41.0	233.9
227(15)	0.00444	41.0	245.5
237(15)	0.00444	41.0	258.1
266(16)	0.00391	41.0	271.7
288(17)	0.003460	41.0	285.6
246(16)	0.00391	41.0	300.8
297(17)	0.003460	41.0	316.7
313(18)	0.003086	41.0	333.1
330(18)	0.003086	41.0	349.7
365(19)	0.002770	40.9	366.5
440(21)	0.002268	40.9	383.2
401(20)	0.002500	40.9	399.6
439(21)	0.002268	40.9	415.4

457(21)	0.002268	40.9	430.4
482(22)	0.002066	40.9	444.2
546(23)	0.001890	40.9	456.6
483(22)	0.002066	40.9	467.2
515(23)	0.001890	40.9	475.7
551(24)	0.001736	40.9	481.8
543(23)	0.001890	40.9	485.4
586(24)	0.001736	40.9	486.4
541(23)	0.001890	40.9	484.8
515(23)	0.001890	40.9	480.8
470(22)	0.002066	40.9	474.7
460(21)	0.002268	40.9	466.7
514(23)	0.001890	40.9	457.1
444(21)	0.002268	40.9	446.1
477(22)	0.002066	40.9	433.9
426(21)	0.002268	40.9	420.7
408(20)	0.002500	40.9	406.6
379(19)	0.002770	40.9	391.7
366(19)	0.002770	40.9	376.0
358(19)	0.002770	40.9	359.7
345(19)	0.002770	40.9	343.1
298(17)	0.003460	40.9	326.2
288(17)	0.003460	40.9	309.4
281(17)	0.003460	40.9	292.8
287(17)	0.003460	40.9	276.7
230(15)	0.00444	40.9	261.2
223(15)	0.00444	40.9	246.5
237(15)	0.00444	40.9	232.6
224(15)	0.00444	40.9	219.7
180(13)	0.00592	40.9	207.7
198(14)	0.00510	40.9	196.6
165(13)	0.00592	40.9	186.6
175(13)	0.00592	40.9	177.5
180(13)	0.00592	40.9	169.3
153(12)	0.00694	40.9	162.0
160(13)	0.00592	40.9	155.6
180(13)	0.00592	40.9	150.1
155(12)	0.00694	40.9	145.3
149(12)	0.00694	40.9	141.2
141(12)	0.00694	40.9	137.9
146(12)	0.00694	40.9	135.2
127(11)	0.00826	40.9	133.2
127(11)	0.00826	40.9	131.7
115(11)	0.00826	40.9	130.8
140(12)	0.00694	40.9	130.5
134(12)	0.00694	40.9	130.8
129(11)	0.00826	40.9	131.5
143(12)	0.00694	40.8	132.8
135(12)	0.00694	40.8	134.6
140(12)	0.00694	40.8	136.9
129(11)	0.00826	40.8	139.8
161(13)	0.00592	40.8	143.2
142(12)	0.00694	40.8	147.2
145(12)	0.00694	40.8	151.7

169(13)	0.00592	40.8	156.8
167(13)	0.00592	40.8	162.4
163(13)	0.00592	40.8	168.6
181(14)	0.00510	40.8	175.4
221(15)	0.00444	40.8	182.7
212(15)	0.00444	40.8	190.5
216(15)	0.00444	40.8	198.8
237(15)	0.00444	40.8	207.5
242(16)	0.00391	40.8	216.5
271(17)	0.003460	40.8	225.8
291(17)	0.003460	40.8	235.5
274(17)	0.003460	40.8	245.4
277(17)	0.003460	40.8	255.6
289(17)	0.003460	40.8	266.1
306(18)	0.003086	40.8	277.0
288(17)	0.003460	40.8	288.3
286(17)	0.003460	40.8	299.9
314(18)	0.003086	40.8	311.7
285(17)	0.003460	40.8	323.8
295(17)	0.003460	40.8	335.8
340(19)	0.002770	40.8	347.6
358(19)	0.002770	40.8	358.8
358(19)	0.002770	40.8	369.0
365(19)	0.002770	40.8	377.9
387(20)	0.002500	40.8	385.0
393(20)	0.002500	40.8	390.2
428(21)	0.002268	40.8	393.1
365(19)	0.002770	40.8	393.6
417(20)	0.002500	40.8	391.5
380(20)	0.002500	40.8	386.9
407(20)	0.002500	40.8	379.9
362(19)	0.002770	40.8	370.6
370(19)	0.002770	40.8	359.3
345(19)	0.002770	40.8	346.3
323(18)	0.003086	40.8	332.0
324(18)	0.003086	40.8	316.8
335(18)	0.003086	40.8	301.2
254(16)	0.00391	40.8	285.4
223(15)	0.00444	40.8	269.9
252(16)	0.00391	40.8	254.8
221(15)	0.00444	40.8	240.5
208(14)	0.00510	40.8	227.0
207(14)	0.00510	40.8	214.5
217(15)	0.00444	40.7	203.1
168(13)	0.00592	40.7	192.8
177(13)	0.00592	40.7	183.7
180(13)	0.00592	40.7	175.7
161(13)	0.00592	40.7	168.8
166(13)	0.00592	40.7	163.0
164(13)	0.00592	40.7	158.3
174(13)	0.00592	40.7	154.5
157(13)	0.00592	40.7	151.7
175(13)	0.00592	40.7	149.7
177(13)	0.00592	40.7	148.4

157(13)	0.00592	40.7	147.9
170(13)	0.00592	40.7	147.9
143(12)	0.00694	40.7	148.5
188(14)	0.00510	40.7	149.4
199(14)	0.00510	40.7	150.5
177(13)	0.00592	40.7	151.8
192(14)	0.00510	40.7	153.1
187(14)	0.00510	40.7	154.2
212(15)	0.00444	40.7	155.0
196(14)	0.00510	40.7	155.4
220(15)	0.00444	40.7	155.4
179(13)	0.00592	40.7	154.8
153(12)	0.00694	40.7	153.7
210(15)	0.00444	40.7	152.1
209(15)	0.00444	40.7	150.1
186(14)	0.00510	40.7	147.8
155(13)	0.00592	40.7	145.3
178(13)	0.00592	40.7	142.7
161(13)	0.00592	40.7	140.1
153(12)	0.00694	40.7	137.6
143(12)	0.00694	40.7	135.4
138(12)	0.00694	40.7	133.3
126(11)	0.00826	40.7	131.5
136(12)	0.00694	40.7	130.0
125(11)	0.00826	40.7	128.8
124(11)	0.00826	40.7	127.9
125(11)	0.00826	40.7	127.2
158(13)	0.00592	40.7	126.7
151(12)	0.00694	40.7	126.3
139(12)	0.00694	40.7	125.9
145(12)	0.00694	40.7	125.4
138(12)	0.00694	40.7	124.8
145(12)	0.00694	40.7	123.9
161(13)	0.00592	40.7	122.6
145(12)	0.00694	40.7	121.0
131(12)	0.00694	40.7	119.1
145(12)	0.00694	40.7	116.8
116(11)	0.00826	40.6	114.2
96(10)	0.01000	40.6	111.5
120(11)	0.00826	40.6	108.7
109(11)	0.00826	40.6	105.9
94(10)	0.01000	40.6	103.1
113(11)	0.00826	40.6	100.5
103(10)	0.01000	40.6	98.1
100(10)	0.01000	40.6	95.9
96(10)	0.01000	40.6	93.9
95(10)	0.01000	40.6	92.2
80(9)	0.01235	40.6	90.7
97(10)	0.01000	40.6	89.6
86(9)	0.01235	40.6	88.7
91(10)	0.01000	40.6	88.2
88(9)	0.01235	40.6	87.9
91(10)	0.01000	40.6	88.0
94(10)	0.01000	40.6	88.3

77(9)	0.01235	40.6	88.9
103(10)	0.01000	40.6	89.7
85(9)	0.01235	40.6	90.8
105(10)	0.01000	40.6	92.0
98(10)	0.01000	40.6	93.5
99(10)	0.01000	40.6	95.2
103(10)	0.01000	40.6	96.9
113(11)	0.00826	40.6	98.8
95(10)	0.01000	40.6	100.7
96(10)	0.01000	40.6	102.6
84(9)	0.01235	40.6	104.5
109(10)	0.01000	40.6	106.3
126(11)	0.00826	40.6	108.0
99(10)	0.01000	40.6	109.7
110(11)	0.00826	40.6	111.2
129(11)	0.00826	40.6	112.6
131(11)	0.00826	40.6	113.9
127(11)	0.00826	40.6	115.0
121(11)	0.00826	40.6	115.9
139(12)	0.00694	40.6	116.6
121(11)	0.00826	40.6	117.1
125(11)	0.00826	40.6	117.5
135(12)	0.00694	40.6	117.4
133(12)	0.00694	40.6	117.0
129(11)	0.00826	40.6	116.3
97(10)	0.01000	40.6	115.3
101(10)	0.01000	40.6	113.9
113(11)	0.00826	40.6	112.3
126(11)	0.00826	40.6	110.5
120(11)	0.00826	40.6	108.6
108(10)	0.01000	40.5	106.6
104(10)	0.01000	40.5	104.6
109(10)	0.01000	40.5	102.6
93(10)	0.01000	40.5	100.8
92(10)	0.01000	40.5	99.1
113(11)	0.00826	40.5	97.6
107(10)	0.01000	40.5	96.3
91(10)	0.01000	40.5	95.1
98(10)	0.01000	40.5	94.2
108(10)	0.01000	40.5	93.4
101(10)	0.01000	40.5	92.8
86(9)	0.01235	40.5	92.3
105(10)	0.01000	40.5	91.9
97(10)	0.01000	40.5	91.5
93(10)	0.01000	40.5	91.1
86(9)	0.01235	40.5	90.6
101(10)	0.01000	40.5	90.1
94(10)	0.01000	40.5	89.4
81(9)	0.01235	40.5	88.6
88(9)	0.01235	40.5	87.8
67(8)	0.01563	40.5	86.8
81(9)	0.01235	40.5	85.8
89(10)	0.01000	40.5	84.9
92(10)	0.01000	40.5	84.0

105(10)	0.01000	40.5	83.2
104(10)	0.01000	40.5	82.5
90(10)	0.01000	40.5	82.1
74(9)	0.01235	40.5	81.9
88(9)	0.01235	40.5	81.9
93(10)	0.01000	40.5	82.3
105(10)	0.01000	40.5	83.0
91(10)	0.01000	40.5	84.0
98(10)	0.01000	40.5	85.5
104(10)	0.01000	40.5	87.3
102(10)	0.01000	40.5	89.6
100(10)	0.01000	40.5	92.3
106(10)	0.01000	40.5	95.5
90(10)	0.01000	40.5	99.3
124(11)	0.00826	40.5	103.5
130(12)	0.00694	40.5	108.2
139(12)	0.00694	40.5	113.4
134(12)	0.00694	40.5	119.0
146(12)	0.00694	40.5	125.2
136(12)	0.00694	40.5	131.7
136(12)	0.00694	40.5	138.5
148(12)	0.00694	40.5	145.6
168(13)	0.00592	40.4	152.8
194(14)	0.00510	40.4	160.0
183(14)	0.00510	40.4	167.0
180(14)	0.00510	40.4	173.6
214(15)	0.00444	40.4	179.5
197(14)	0.00510	40.4	184.6
202(14)	0.00510	40.4	188.6
209(15)	0.00444	40.4	191.2
207(14)	0.00510	40.4	192.3
210(15)	0.00444	40.4	191.8
210(15)	0.00444	40.4	189.7
214(15)	0.00444	40.4	186.2
205(14)	0.00510	40.4	181.4
195(14)	0.00510	40.4	175.6
173(13)	0.00592	40.4	169.0
180(14)	0.00510	40.4	161.9
187(14)	0.00510	40.4	154.4
136(12)	0.00694	40.4	146.8
157(13)	0.00592	40.4	139.3
157(13)	0.00592	40.4	131.9
154(13)	0.00592	40.4	124.8
92(10)	0.01000	40.4	118.0
132(12)	0.00694	40.4	111.5
108(11)	0.00826	40.4	105.5
122(11)	0.00826	40.4	99.9
104(10)	0.01000	40.4	94.8
103(10)	0.01000	40.4	90.1
87(9)	0.01235	40.4	85.8
97(10)	0.01000	40.4	81.9
88(9)	0.01235	40.4	78.4
96(10)	0.01000	40.4	75.3
84(9)	0.01235	40.4	72.5

83(9)	0.01235	40.4	70.1
75(9)	0.01235	40.4	67.9
71(9)	0.01235	40.4	66.0
66(8)	0.01563	40.4	64.3
70(8)	0.01563	40.4	62.8
52(7)	0.02041	40.4	61.4
83(9)	0.01235	40.4	60.2
57(8)	0.01563	40.4	59.2
77(9)	0.01235	40.4	58.3
60(8)	0.01563	40.4	57.4
55(8)	0.01563	40.4	56.7
59(8)	0.01563	40.4	56.0
73(9)	0.01235	40.3	55.4
72(9)	0.01235	40.3	54.8
57(8)	0.01563	40.3	54.3
63(8)	0.01563	40.3	53.9
65(8)	0.01563	40.3	53.5
55(7)	0.02041	40.3	52.6
63(8)	0.01563	40.3	52.2
60(8)	0.01563	40.3	51.9
56(8)	0.01563	40.3	51.6
52(7)	0.02041	40.3	51.3
56(8)	0.01563	40.3	51.0
47(7)	0.02041	40.3	50.8
54(7)	0.02041	40.3	50.5
64(8)	0.01563	40.3	50.3
48(7)	0.02041	40.3	50.2
59(8)	0.01563	40.3	50.0
39(6)	0.02778	40.3	49.8
48(7)	0.02041	40.3	49.7
53(7)	0.02041	40.3	49.5
64(8)	0.01563	40.3	49.4
47(7)	0.02041	40.3	49.3
47(7)	0.02041	40.3	49.1
50(7)	0.02041	40.3	49.0
46(7)	0.02041	40.3	49.0
54(7)	0.02041	40.3	48.9
59(8)	0.01563	40.3	48.8
60(8)	0.01563	40.3	48.8
55(8)	0.01563	40.3	48.7
38(6)	0.02778	40.3	48.7
46(7)	0.02041	40.3	48.7
54(7)	0.02041	40.3	48.7
59(8)	0.01563	40.3	48.7
54(7)	0.02041	40.3	48.8
61(8)	0.01563	40.3	48.8
54(7)	0.02041	40.3	48.9
49(7)	0.02041	40.3	49.0
47(7)	0.02041	40.3	49.1
60(8)	0.01563	40.3	49.3
49(7)	0.02041	40.3	49.4
44(7)	0.02041	40.3	49.7
49(7)	0.02041	40.3	49.9
60(8)	0.01563	40.3	50.2

49(7)	0.02041	40.3	50.5
53(7)	0.02041	40.3	50.8
57(8)	0.01563	40.2	51.2
55(7)	0.02041	40.2	51.6
59(8)	0.01563	40.2	52.1
46(7)	0.02041	40.2	52.6
64(8)	0.01563	40.2	53.2
50(7)	0.02041	40.2	53.8
64(8)	0.01563	40.2	54.5
48(7)	0.02041	40.2	55.2
55(7)	0.02041	40.2	55.9
59(8)	0.01563	40.2	56.7
70(8)	0.01563	40.2	57.5
50(7)	0.02041	40.2	58.3
67(8)	0.01563	40.2	59.2
71(8)	0.01563	40.2	60.0
56(8)	0.01563	40.2	60.9
61(8)	0.01563	40.2	61.7
73(9)	0.01235	40.2	62.4
70(8)	0.01563	40.2	63.1
74(9)	0.01235	40.2	63.6
62(8)	0.01563	40.2	64.0
69(8)	0.01563	40.2	64.3
76(9)	0.01235	40.2	64.4
75(9)	0.01235	40.2	64.4
68(8)	0.01563	40.2	64.2
67(8)	0.01563	40.2	63.8
67(8)	0.01563	40.2	63.3
73(9)	0.01235	40.2	62.7
69(8)	0.01563	40.2	62.0
71(9)	0.01235	40.2	61.2
75(9)	0.01235	40.2	60.4
67(8)	0.01563	40.2	59.5
56(8)	0.01563	40.2	58.6
51(7)	0.02041	40.2	57.8
46(7)	0.02041	40.2	56.9
47(7)	0.02041	40.2	56.1
53(7)	0.02041	40.2	55.3
51(7)	0.02041	40.2	54.5
48(7)	0.02041	40.2	53.8
59(8)	0.01563	40.2	53.2
57(8)	0.01563	40.2	52.5
42(7)	0.02041	40.2	52.0
50(7)	0.02041	40.2	51.5
45(7)	0.02041	40.2	51.0
52(7)	0.02041	40.1	50.5
44(7)	0.02041	40.1	50.2
54(7)	0.02041	40.1	49.8
43(7)	0.02041	40.1	49.5
41(6)	0.02778	40.1	49.2
42(7)	0.02041	40.1	49.0
51(7)	0.02041	40.1	48.8
47(7)	0.02041	40.1	48.7
56(8)	0.01563	40.1	48.5

40(6)	0.02778	40.1	48.5
47(7)	0.02041	40.1	48.4
64(8)	0.01563	40.1	48.4
47(7)	0.02041	40.1	48.4
62(8)	0.01563	40.1	48.4
44(7)	0.02041	40.1	48.5
41(6)	0.02778	40.1	48.5
54(7)	0.02041	40.1	48.7
58(8)	0.01563	40.1	48.8
46(7)	0.02041	40.1	49.0
53(7)	0.02041	40.1	49.2
58(8)	0.01563	40.1	49.5
55(7)	0.02041	40.1	49.8
59(8)	0.01563	40.1	50.1
47(7)	0.02041	40.1	50.5
37(6)	0.02778	40.1	50.9
52(7)	0.02041	40.1	51.4
63(8)	0.01563	40.1	52.0
55(7)	0.02041	40.1	52.5
63(8)	0.01563	40.1	52.8
41(6)	0.02778	40.1	53.5
54(7)	0.02041	40.1	54.3
51(7)	0.02041	40.1	55.1
66(8)	0.01563	40.1	55.9
57(8)	0.01563	40.1	56.8
68(8)	0.01563	40.1	57.7
63(8)	0.01563	40.1	58.6
59(8)	0.01563	40.1	59.6
83(9)	0.01235	40.1	60.5
66(8)	0.01563	40.1	61.5
66(8)	0.01563	40.1	62.4
58(8)	0.01563	40.1	63.3
65(8)	0.01563	40.0	64.1
61(8)	0.01563	40.0	64.8
61(8)	0.01563	40.0	65.4
79(9)	0.01235	40.0	65.8
66(8)	0.01563	40.0	66.1
67(8)	0.01563	40.0	66.2
62(8)	0.01563	40.0	66.1
77(9)	0.01235	40.0	65.9
72(9)	0.01235	40.0	65.6
68(8)	0.01563	40.0	65.1
62(8)	0.01563	40.0	64.5
58(8)	0.01563	40.0	63.8
67(8)	0.01563	40.0	63.1
59(8)	0.01563	40.0	62.4
69(8)	0.01563	40.0	61.7
64(8)	0.01563	40.0	61.0
66(8)	0.01563	40.0	60.4
55(7)	0.02041	40.0	59.8
61(8)	0.01563	40.0	59.2
52(7)	0.02041	40.0	58.8
69(8)	0.01563	40.0	58.5
64(8)	0.01563	40.0	58.2

65(8)	0.01563	40.0	58.1
66(8)	0.01563	40.0	58.2
66(8)	0.01563	40.0	58.4
47(7)	0.02041	40.0	58.8
70(8)	0.01563	40.0	59.5
62(8)	0.01563	40.0	60.3
65(8)	0.01563	40.0	61.5
79(9)	0.01235	40.0	62.9
60(8)	0.01563	40.0	64.7
54(7)	0.02041	40.0	66.8
74(9)	0.01235	40.0	69.3
89(10)	0.01000	40.0	72.2
80(9)	0.01235	40.0	75.6
87(9)	0.01235	40.0	79.3
98(10)	0.01000	40.0	83.5
113(11)	0.00826	40.0	88.1
100(10)	0.01000	40.0	93.0
108(11)	0.00826	40.0	98.3
126(11)	0.00826	40.0	103.8
160(13)	0.00592	39.9	109.5
157(13)	0.00592	39.9	115.2
159(13)	0.00592	39.9	120.9
173(13)	0.00592	39.9	126.3
186(14)	0.00510	39.9	131.1
170(13)	0.00592	39.9	135.2
199(14)	0.00510	39.9	138.4
147(12)	0.00694	39.9	140.5
176(13)	0.00592	39.9	141.3
146(12)	0.00694	39.9	140.7
148(12)	0.00694	39.9	138.9
140(12)	0.00694	39.9	135.8
163(13)	0.00592	39.9	131.8
136(12)	0.00694	39.9	127.0
126(11)	0.00826	39.9	121.6
131(12)	0.00694	39.9	115.9
107(10)	0.01000	39.9	110.0
116(11)	0.00826	39.9	104.1
134(12)	0.00694	39.9	98.3
98(10)	0.01000	39.9	92.8
112(11)	0.00826	39.9	87.6
86(9)	0.01235	39.9	82.7
59(8)	0.01563	39.9	78.2
65(8)	0.01563	39.9	74.0
69(8)	0.01563	39.9	70.3
57(8)	0.01563	39.9	67.0
86(9)	0.01235	39.9	64.1
68(8)	0.01563	39.9	61.5
63(8)	0.01563	39.9	59.2
55(7)	0.02041	39.9	57.3
52(7)	0.02041	39.9	55.6
61(8)	0.01563	39.9	54.2
56(8)	0.01563	39.9	53.0
40(6)	0.02778	39.9	51.9
54(7)	0.02041	39.9	51.0

54(7)	0.02041	39.9	50.3
55(7)	0.02041	39.9	49.6
46(7)	0.02041	39.9	49.0
42(7)	0.02041	39.9	48.6
40(6)	0.02778	39.9	48.1
45(7)	0.02041	39.9	47.8
49(7)	0.02041	39.8	47.4
49(7)	0.02041	39.8	47.2
55(7)	0.02041	39.8	46.9
61(8)	0.01563	39.8	46.7
51(7)	0.02041	39.8	46.5
43(7)	0.02041	39.8	46.3
38(6)	0.02778	39.8	46.2
47(7)	0.02041	39.8	46.0
42(7)	0.02041	39.8	45.9
57(8)	0.01563	39.8	45.7
52(7)	0.02041	39.8	45.6
37(6)	0.02778	39.8	45.5
44(7)	0.02041	39.8	45.4
43(7)	0.02041	39.8	45.3
44(7)	0.02041	39.8	45.2
46(7)	0.02041	39.8	45.1
46(7)	0.02041	39.8	45.0
51(7)	0.02041	39.8	44.7
42(7)	0.02041	39.8	44.7
49(7)	0.02041	39.8	44.6
47(7)	0.02041	39.8	44.6
43(7)	0.02041	39.8	44.5
44(7)	0.02041	39.8	44.5
28(5)	0.0400	39.8	44.5
53(7)	0.02041	39.8	44.5
47(7)	0.02041	39.8	44.4
49(7)	0.02041	39.8	44.4
45(7)	0.02041	39.8	44.4
32(6)	0.02778	39.8	44.4
48(7)	0.02041	39.8	44.4
43(7)	0.02041	39.8	44.4
58(8)	0.01563	39.8	44.4
37(6)	0.02778	39.8	44.4
36(6)	0.02778	39.8	44.5
52(7)	0.02041	39.8	44.5
47(7)	0.02041	39.8	44.5
36(6)	0.02778	39.8	44.5
45(7)	0.02041	39.8	44.6
45(7)	0.02041	39.8	44.6
45(7)	0.02041	39.8	44.7
43(7)	0.02041	39.7	44.7
51(7)	0.02041	39.7	44.8
47(7)	0.02041	39.7	44.9
44(7)	0.02041	39.7	45.0
47(7)	0.02041	39.7	45.1
45(7)	0.02041	39.7	45.1
42(7)	0.02041	39.7	45.2
53(7)	0.02041	39.7	45.4

54(7)	0.02041	39.7	45.5
55(8)	0.01563	39.7	45.6
40(6)	0.02778	39.7	45.7
35(6)	0.02778	39.7	45.9
42(7)	0.02041	39.7	46.1
61(8)	0.01563	39.7	46.3
47(7)	0.02041	39.7	46.5
58(8)	0.01563	39.7	46.7
38(6)	0.02778	39.7	47.0
52(7)	0.02041	39.7	47.2
51(7)	0.02041	39.7	47.5
59(8)	0.01563	39.7	47.9
62(8)	0.01563	39.7	48.3
55(7)	0.02041	39.7	48.7
57(8)	0.01563	39.7	49.1
42(7)	0.02041	39.7	49.6
71(9)	0.01235	39.7	50.1
53(7)	0.02041	39.7	50.7
54(7)	0.02041	39.7	51.3
47(7)	0.02041	39.7	52.0
53(7)	0.02041	39.7	52.7
67(8)	0.01563	39.7	53.5
47(7)	0.02041	39.7	54.4
66(8)	0.01563	39.7	55.3
52(7)	0.02041	39.7	56.2
42(7)	0.02041	39.7	57.2
70(8)	0.01563	39.7	58.3
67(8)	0.01563	39.7	59.5
59(8)	0.01563	39.7	60.7
68(8)	0.01563	39.7	61.9
58(8)	0.01563	39.7	63.2
92(10)	0.01000	39.6	64.5
64(8)	0.01563	39.6	65.8
66(8)	0.01563	39.6	67.2
70(9)	0.01235	39.6	68.5
75(9)	0.01235	39.6	69.8
74(9)	0.01235	39.6	71.0
73(9)	0.01235	39.6	72.0
82(9)	0.01235	39.6	73.1
78(9)	0.01235	39.6	74.2
79(9)	0.01235	39.6	75.2
86(9)	0.01235	39.6	76.1
93(10)	0.01000	39.6	77.0
70(8)	0.01563	39.6	77.9
81(9)	0.01235	39.6	78.8
83(9)	0.01235	39.6	79.7
90(10)	0.01000	39.6	80.8
80(9)	0.01235	39.6	81.9
68(8)	0.01563	39.6	83.2
78(9)	0.01235	39.6	84.6
78(9)	0.01235	39.6	86.2
92(10)	0.01000	39.6	87.9
77(9)	0.01235	39.6	89.8
105(10)	0.01000	39.6	91.8

79(9)	0.01235	39.6	93.8
114(11)	0.00826	39.6	95.9
100(10)	0.01000	39.6	98.0
94(10)	0.01000	39.6	100.0
94(10)	0.01000	39.6	101.8
105(10)	0.01000	39.6	103.4
96(10)	0.01000	39.6	104.5
98(10)	0.01000	39.6	105.3
127(11)	0.00826	39.6	105.5
108(11)	0.00826	39.6	105.2
107(10)	0.01000	39.6	104.3
110(11)	0.00826	39.6	102.9
107(10)	0.01000	39.6	101.0
115(11)	0.00826	39.6	98.7
95(10)	0.01000	39.6	96.1
86(9)	0.01235	39.6	93.3
95(10)	0.01000	39.5	90.3
75(9)	0.01235	39.5	87.3
69(8)	0.01563	39.5	84.2
84(9)	0.01235	39.5	81.2
81(9)	0.01235	39.5	78.3
71(9)	0.01235	39.5	75.5
69(8)	0.01563	39.5	72.8
55(8)	0.01563	39.5	70.3
65(8)	0.01563	39.5	68.0
65(8)	0.01563	39.5	65.8
52(7)	0.02041	39.5	63.9
54(7)	0.02041	39.5	62.0
66(8)	0.01563	39.5	60.4
58(8)	0.01563	39.5	58.9
56(8)	0.01563	39.5	57.6
52(7)	0.02041	39.5	56.4
60(8)	0.01563	39.5	55.3
46(7)	0.02041	39.5	54.4
53(7)	0.02041	39.5	53.6
43(7)	0.02041	39.5	52.9
58(8)	0.01563	39.5	52.2
52(7)	0.02041	39.5	51.7
56(8)	0.01563	39.5	51.2
53(7)	0.02041	39.5	50.8
53(7)	0.02041	39.5	50.5
47(7)	0.02041	39.5	50.2
49(7)	0.02041	39.5	50.0
53(7)	0.02041	39.5	49.8
64(8)	0.01563	39.5	49.6
52(7)	0.02041	39.5	49.5
45(7)	0.02041	39.5	49.4
53(7)	0.02041	39.5	49.4
62(8)	0.01563	39.5	49.3
39(6)	0.02778	39.5	49.3
43(7)	0.02041	39.5	49.3
56(8)	0.01563	39.5	49.4
50(7)	0.02041	39.5	49.5
49(7)	0.02041	39.5	49.6

57(8)	0.01563	39.5	49.7
42(7)	0.02041	39.4	49.9
49(7)	0.02041	39.4	50.0
50(7)	0.02041	39.4	50.3
49(7)	0.02041	39.4	50.5
47(7)	0.02041	39.4	50.9
64(8)	0.01563	39.4	51.2
51(7)	0.02041	39.4	51.6
50(7)	0.02041	39.4	52.1
43(7)	0.02041	39.4	52.6
45(7)	0.02041	39.4	53.2
51(7)	0.02041	39.4	53.9
42(7)	0.02041	39.4	54.7
39(6)	0.02778	39.4	55.6
64(8)	0.01563	39.4	56.6
76(9)	0.01235	39.4	57.7
50(7)	0.02041	39.4	58.9
46(7)	0.02041	39.4	60.3
52(7)	0.02041	39.4	61.8
64(8)	0.01563	39.4	63.4
57(8)	0.01563	39.4	65.2
62(8)	0.01563	39.4	67.2
38(6)	0.02778	39.4	69.3
67(8)	0.01563	39.4	71.7
59(8)	0.01563	39.4	74.1
64(8)	0.01563	39.4	76.8
58(8)	0.01563	39.4	79.6
67(8)	0.01563	39.4	82.5
59(8)	0.01563	39.4	85.5
63(8)	0.01563	39.4	88.7
74(9)	0.01235	39.4	91.9
73(9)	0.01235	39.4	95.1
62(8)	0.01563	39.4	98.2
79(9)	0.01235	39.4	101.2
83(9)	0.01235	39.4	104.1
95(10)	0.01000	39.4	106.6
77(9)	0.01235	39.4	108.7
100(10)	0.01000	39.4	110.4
98(10)	0.01000	39.4	111.6
96(10)	0.01000	39.3	112.1
90(10)	0.01000	39.3	112.1
103(10)	0.01000	39.3	111.4
93(10)	0.01000	39.3	110.2
89(10)	0.01000	39.3	108.4
91(10)	0.01000	39.3	106.2
98(10)	0.01000	39.3	103.6
86(9)	0.01235	39.3	100.8
93(10)	0.01000	39.3	97.9
86(9)	0.01235	39.3	94.8
62(8)	0.01563	39.3	91.7
66(8)	0.01563	39.3	88.7
84(9)	0.01235	39.3	85.6
76(9)	0.01235	39.3	82.7
78(9)	0.01235	39.3	80.0

61(8)	0.01563	39.3	77.4
64(8)	0.01563	39.3	74.9
64(8)	0.01563	39.3	72.6
54(7)	0.02041	39.3	70.6
58(8)	0.01563	39.3	68.6
57(8)	0.01563	39.3	66.9
56(8)	0.01563	39.3	65.4
57(8)	0.01563	39.3	64.0
55(8)	0.01563	39.3	62.9
66(8)	0.01563	39.3	61.9
51(7)	0.02041	39.3	61.0
63(8)	0.01563	39.3	60.4
68(8)	0.01563	39.3	59.9
47(7)	0.02041	39.3	59.6
48(7)	0.02041	39.3	59.4
54(7)	0.02041	39.3	59.4
64(8)	0.01563	39.3	59.5
64(8)	0.01563	39.3	59.8
79(9)	0.01235	39.3	60.3
64(8)	0.01563	39.3	60.9
61(8)	0.01563	39.3	61.7
72(9)	0.01235	39.3	62.6
69(8)	0.01563	39.3	63.7
64(8)	0.01563	39.2	64.9
72(9)	0.01235	39.2	66.2
74(9)	0.01235	39.2	67.7
68(8)	0.01563	39.2	69.3
82(9)	0.01235	39.2	71.0
69(8)	0.01563	39.2	72.8
76(9)	0.01235	39.2	74.6
85(9)	0.01235	39.2	76.5
66(8)	0.01563	39.2	78.3
105(10)	0.01000	39.2	80.1
108(11)	0.00826	39.2	81.8
96(10)	0.01000	39.2	83.3
107(10)	0.01000	39.2	84.5
87(9)	0.01235	39.2	85.5
104(10)	0.01000	39.2	86.1
110(11)	0.00826	39.2	86.3
98(10)	0.01000	39.2	86.1
91(10)	0.01000	39.2	85.6
100(10)	0.01000	39.2	84.6
93(10)	0.01000	39.2	83.4
96(10)	0.01000	39.2	81.8
89(10)	0.01000	39.2	80.1
78(9)	0.01235	39.2	78.2
89(10)	0.01000	39.2	76.3
87(9)	0.01235	39.2	74.3
88(9)	0.01235	39.2	72.3
79(9)	0.01235	39.2	70.3
80(9)	0.01235	39.2	68.4
72(9)	0.01235	39.2	66.6
71(9)	0.01235	39.2	64.9
81(9)	0.01235	39.2	63.3

62(8)	0.01563	39.2	61.8
53(7)	0.02041	39.2	60.5
58(8)	0.01563	39.2	59.2
62(8)	0.01563	39.2	58.1
61(8)	0.01563	39.2	57.1
61(8)	0.01563	39.2	56.2
84(9)	0.01235	39.2	55.4
58(8)	0.01563	39.1	54.8
66(8)	0.01563	39.1	54.2
60(8)	0.01563	39.1	53.7
53(7)	0.02041	39.1	53.3
52(7)	0.02041	39.1	53.0
64(8)	0.01563	39.1	52.8
46(7)	0.02041	39.1	52.7
47(7)	0.02041	39.1	52.6
61(8)	0.01563	39.1	52.7
64(8)	0.01563	39.1	52.8
58(8)	0.01563	39.1	53.0
56(8)	0.01563	39.1	53.3
54(7)	0.02041	39.1	53.6
54(7)	0.02041	39.1	54.0
53(7)	0.02041	39.1	54.5
43(7)	0.02041	39.1	55.1
65(8)	0.01563	39.1	55.8
52(7)	0.02041	39.1	56.5
54(7)	0.02041	39.1	57.3
47(7)	0.02041	39.1	58.1
68(8)	0.01563	39.1	59.0
67(8)	0.01563	39.1	60.0
64(8)	0.01563	39.1	61.0
61(8)	0.01563	39.1	62.0
72(9)	0.01235	39.1	63.0
65(8)	0.01563	39.1	64.0
63(8)	0.01563	39.1	64.9
81(9)	0.01235	39.1	65.7
64(8)	0.01563	39.1	66.5
63(8)	0.01563	39.1	67.1
59(8)	0.01563	39.1	67.6
62(8)	0.01563	39.1	68.0
83(9)	0.01235	39.1	68.3
74(9)	0.01235	39.1	68.6
68(8)	0.01563	39.1	68.8
64(8)	0.01563	39.1	69.1
67(8)	0.01563	39.1	69.4
68(8)	0.01563	39.1	69.8
71(9)	0.01235	39.0	70.3
75(9)	0.01235	39.0	71.1
64(8)	0.01563	39.0	72.1
64(8)	0.01563	39.0	73.3
72(9)	0.01235	39.0	74.8
71(9)	0.01235	39.0	76.6
72(9)	0.01235	39.0	78.8
74(9)	0.01235	39.0	81.4
78(9)	0.01235	39.0	84.3

83(9)	0.01235	39.0	87.7
96(10)	0.01000	39.0	91.5
104(10)	0.01000	39.0	95.7
76(9)	0.01235	39.0	100.3
126(11)	0.00826	39.0	105.4
104(10)	0.01000	39.0	110.8
112(11)	0.00826	39.0	116.6
139(12)	0.00694	39.0	122.7
131(12)	0.00694	39.0	129.0
157(13)	0.00592	39.0	135.5
148(12)	0.00694	39.0	142.1
186(14)	0.00510	39.0	148.5
179(14)	0.00510	39.0	154.8
216(15)	0.00444	39.0	160.6
234(15)	0.00444	39.0	165.9
232(15)	0.00444	39.0	170.5
266(16)	0.00391	39.0	174.2
227(15)	0.00444	39.0	177.1
219(15)	0.00444	39.0	179.1
225(15)	0.00444	39.0	180.2
221(15)	0.00444	39.0	180.6
174(13)	0.00592	39.0	180.5
190(14)	0.00510	39.0	179.9
204(14)	0.00510	39.0	179.1
172(13)	0.00592	39.0	178.1
196(14)	0.00510	39.0	177.1
163(13)	0.00592	39.0	176.1
149(12)	0.00694	39.0	175.2
176(13)	0.00592	39.0	174.3
185(14)	0.00510	38.9	173.5
186(14)	0.00510	38.9	172.7
176(13)	0.00592	38.9	171.9
179(14)	0.00510	38.9	170.9
185(14)	0.00510	38.9	169.8
161(13)	0.00592	38.9	168.5
171(13)	0.00592	38.9	167.0
164(13)	0.00592	38.9	165.4
174(13)	0.00592	38.9	163.7
175(13)	0.00592	38.9	162.0
161(13)	0.00592	38.9	160.3
149(12)	0.00694	38.9	158.7
204(14)	0.00510	38.9	157.3
172(13)	0.00592	38.9	156.2
137(12)	0.00694	38.9	155.3
155(13)	0.00592	38.9	154.6
154(13)	0.00592	38.9	154.3
194(14)	0.00510	38.9	154.1
194(14)	0.00510	38.9	154.2
186(14)	0.00510	38.9	154.4
206(15)	0.00444	38.9	154.6
200(14)	0.00510	38.9	154.7
197(14)	0.00510	38.9	154.7
215(15)	0.00444	38.9	154.4
180(14)	0.00510	38.9	153.6

195(14)	0.00510	38.9	152.3
214(15)	0.00444	38.9	150.4
195(14)	0.00510	38.9	147.9
202(14)	0.00510	38.9	144.7
194(14)	0.00510	38.9	140.9
190(14)	0.00510	38.9	136.5
181(14)	0.00510	38.9	131.8
154(13)	0.00592	38.9	126.8
148(12)	0.00694	38.9	121.5
160(13)	0.00592	38.9	116.3
139(12)	0.00694	38.9	111.0
116(11)	0.00826	38.9	105.9
136(12)	0.00694	38.9	100.9
100(10)	0.01000	38.8	96.2
104(10)	0.01000	38.8	91.7
96(10)	0.01000	38.8	87.5
97(10)	0.01000	38.8	83.5
87(9)	0.01235	38.8	79.9
79(9)	0.01235	38.8	76.5
83(9)	0.01235	38.8	73.5
77(9)	0.01235	38.8	70.7
80(9)	0.01235	38.8	68.1
66(8)	0.01563	38.8	65.9
79(9)	0.01235	38.8	63.8
65(8)	0.01563	38.8	62.0
74(9)	0.01235	38.8	60.4
69(8)	0.01563	38.8	58.9
69(8)	0.01563	38.8	57.6
71(9)	0.01235	38.8	56.5
56(8)	0.01563	38.8	55.4
75(9)	0.01235	38.8	54.5
49(7)	0.02041	38.8	53.7
60(8)	0.01563	38.8	52.9
54(7)	0.02041	38.8	52.3
59(8)	0.01563	38.8	51.7
48(7)	0.02041	38.8	51.1
62(8)	0.01563	38.8	50.6
53(7)	0.02041	38.8	50.2
45(7)	0.02041	38.8	49.7
42(7)	0.02041	38.8	49.3
58(8)	0.01563	38.8	49.0
70(8)	0.01563	38.8	48.6
51(7)	0.02041	38.8	48.3
62(8)	0.01563	38.8	48.0
53(7)	0.02041	38.8	47.7
44(7)	0.02041	38.8	47.5
48(7)	0.02041	38.8	47.2
50(7)	0.02041	38.8	47.0
52(7)	0.02041	38.8	46.8
47(7)	0.02041	38.8	46.6
52(7)	0.02041	38.8	46.4
45(7)	0.02041	38.7	46.2
61(8)	0.01563	38.7	46.0
51(7)	0.02041	38.7	45.8

48(7)	0.02041	38.7	45.6
64(8)	0.01563	38.7	45.5
47(7)	0.02041	38.7	45.3
45(7)	0.02041	38.7	45.2
50(7)	0.02041	38.7	45.0
46(7)	0.02041	38.7	44.9
59(8)	0.01563	38.7	44.8
35(6)	0.02778	38.7	44.7
41(7)	0.02041	38.7	44.6
60(8)	0.01563	38.7	44.4
53(7)	0.02041	38.7	44.3
38(6)	0.02778	38.7	44.2
42(7)	0.02041	38.7	44.1
32(6)	0.02778	38.7	44.1
46(7)	0.02041	38.7	44.0
52(7)	0.02041	38.7	43.9
50(7)	0.02041	38.7	43.8
56(8)	0.01563	38.7	43.7
54(7)	0.02041	38.7	43.6
36(6)	0.02778	38.7	43.6
53(7)	0.02041	38.7	43.5
45(7)	0.02041	38.7	43.4
50(7)	0.02041	38.7	43.4
44(7)	0.02041	38.7	43.3
54(7)	0.02041	38.7	43.3
60(8)	0.01563	38.7	43.2
50(7)	0.02041	38.7	43.1
41(6)	0.02778	38.7	43.1
44(7)	0.02041	38.7	43.0
47(7)	0.02041	38.7	43.0
46(7)	0.02041	38.7	43.0
56(8)	0.01563	38.7	42.9
46(7)	0.02041	38.7	42.9
40(6)	0.02778	38.7	42.8
43(7)	0.02041	38.7	42.8
48(7)	0.02041	38.7	42.8
41(7)	0.02041	38.6	42.7
52(7)	0.02041	38.6	42.7
47(7)	0.02041	38.6	42.7
45(7)	0.02041	38.6	42.6
40(6)	0.02778	38.6	42.6
37(6)	0.02778	38.6	42.6
52(7)	0.02041	38.6	42.6
46(7)	0.02041	38.6	42.5
52(7)	0.02041	38.6	42.5
41(6)	0.02778	38.6	42.5
47(7)	0.02041	38.6	42.5
57(8)	0.01563	38.6	42.5
43(7)	0.02041	38.6	42.4
64(8)	0.01563	38.6	42.4
46(7)	0.02041	38.6	42.4
51(7)	0.02041	38.6	42.4
43(7)	0.02041	38.6	42.4
49(7)	0.02041	38.6	42.4

49(7)	0.02041	38.6	42.4
38(6)	0.02778	38.6	42.4
44(7)	0.02041	38.6	42.4
43(7)	0.02041	38.6	42.4
45(7)	0.02041	38.6	42.4
50(7)	0.02041	38.6	42.4
36(6)	0.02778	38.6	42.4
45(7)	0.02041	38.6	42.4
41(7)	0.02041	38.6	42.4
48(7)	0.02041	38.6	42.4
41(6)	0.02778	38.6	42.4
33(6)	0.02778	38.6	42.4
50(7)	0.02041	38.6	42.4
46(7)	0.02041	38.6	42.4
50(7)	0.02041	38.6	42.4
49(7)	0.02041	38.6	42.4
45(7)	0.02041	38.6	42.4
43(7)	0.02041	38.6	42.5
42(7)	0.02041	38.6	42.5
42(7)	0.02041	38.6	42.5
44(7)	0.02041	38.5	42.5
49(7)	0.02041	38.5	42.5
37(6)	0.02778	38.5	42.6
36(6)	0.02778	38.5	42.6
47(7)	0.02041	38.5	42.6
40(6)	0.02778	38.5	42.6
43(7)	0.02041	38.5	42.7
31(6)	0.02778	38.5	42.7
41(7)	0.02041	38.5	42.7
50(7)	0.02041	38.5	42.8
52(7)	0.02041	38.5	42.8
49(7)	0.02041	38.5	42.9
44(7)	0.02041	38.5	42.9
44(7)	0.02041	38.5	43.0
43(7)	0.02041	38.5	43.0
43(7)	0.02041	38.5	43.1
39(6)	0.02778	38.5	43.1
46(7)	0.02041	38.5	43.2
47(7)	0.02041	38.5	43.3
45(7)	0.02041	38.5	43.3
44(7)	0.02041	38.5	43.4
51(7)	0.02041	38.5	43.5
41(7)	0.02041	38.5	43.5
51(7)	0.02041	38.5	43.6
45(7)	0.02041	38.5	43.7
42(7)	0.02041	38.5	43.8
58(8)	0.01563	38.5	43.9
45(7)	0.02041	38.5	44.0
47(7)	0.02041	38.5	44.1
43(7)	0.02041	38.5	44.2
40(6)	0.02778	38.5	44.4
54(7)	0.02041	38.5	44.5
37(6)	0.02778	38.5	44.7
52(7)	0.02041	38.5	44.8

48(7)	0.02041	38.5	45.0
46(7)	0.02041	38.5	45.2
36(6)	0.02778	38.5	45.4
45(7)	0.02041	38.5	45.6
46(7)	0.02041	38.5	45.8
60(8)	0.01563	38.5	46.0
63(8)	0.01563	38.4	46.3
48(7)	0.02041	38.4	46.6
48(7)	0.02041	38.4	46.9
51(7)	0.02041	38.4	47.2
38(6)	0.02778	38.4	47.6
52(7)	0.02041	38.4	48.0
48(7)	0.02041	38.4	48.4
57(8)	0.01563	38.4	48.9
54(7)	0.02041	38.4	49.4
46(7)	0.02041	38.4	50.0
46(7)	0.02041	38.4	50.6
52(7)	0.02041	38.4	51.2
52(7)	0.02041	38.4	51.9
43(7)	0.02041	38.4	52.7
56(8)	0.01563	38.4	53.5
60(8)	0.01563	38.4	54.3
52(7)	0.02041	38.4	55.2
42(7)	0.02041	38.4	56.2
48(7)	0.02041	38.4	57.2
45(7)	0.02041	38.4	58.2
54(7)	0.02041	38.4	59.3
59(8)	0.01563	38.4	60.4
68(8)	0.01563	38.4	61.5
62(8)	0.01563	38.4	62.7
76(9)	0.01235	38.4	63.9
76(9)	0.01235	38.4	65.0
73(9)	0.01235	38.4	66.2
68(8)	0.01563	38.4	67.3
62(8)	0.01563	38.4	68.3
81(9)	0.01235	38.4	69.3
62(8)	0.01563	38.4	70.1
60(8)	0.01563	38.4	70.8
79(9)	0.01235	38.4	71.4
86(9)	0.01235	38.4	71.9
81(9)	0.01235	38.4	72.3
40(6)	0.02778	38.4	72.5
67(8)	0.01563	38.4	72.7
68(8)	0.01563	38.4	72.8
67(8)	0.01563	38.4	72.9
81(9)	0.01235	38.3	72.9
72(9)	0.01235	38.3	73.0
74(9)	0.01235	38.3	73.1
64(8)	0.01563	38.3	73.3
76(9)	0.01235	38.3	73.5
84(9)	0.01235	38.3	73.9
68(8)	0.01563	38.3	74.3
70(9)	0.01235	38.3	74.9
72(9)	0.01235	38.3	75.6

72(9)	0.01235	38.3	76.5
70(9)	0.01235	38.3	77.5
66(8)	0.01563	38.3	78.7
69(8)	0.01563	38.3	80.0
68(8)	0.01563	38.3	81.5
76(9)	0.01235	38.3	83.1
76(9)	0.01235	38.3	84.9
74(9)	0.01235	38.3	86.8
81(9)	0.01235	38.3	88.7
77(9)	0.01235	38.3	90.8
102(10)	0.01000	38.3	92.9
107(10)	0.01000	38.3	95.0
112(11)	0.00826	38.3	97.0
100(10)	0.01000	38.3	99.0
117(11)	0.00826	38.3	100.9
125(11)	0.00826	38.3	102.6
118(11)	0.00826	38.3	104.2
131(12)	0.00694	38.3	105.6
103(10)	0.01000	38.3	106.8
139(12)	0.00694	38.3	107.9
157(13)	0.00592	38.3	108.7
127(11)	0.00826	38.3	109.4
141(12)	0.00694	38.3	109.8
130(12)	0.00694	38.3	110.1
122(11)	0.00826	38.3	110.1
132(12)	0.00694	38.3	109.9
130(12)	0.00694	38.3	109.4
129(12)	0.00694	38.3	108.7
116(11)	0.00826	38.3	107.6
124(11)	0.00826	38.3	106.4
83(9)	0.01235	38.3	105.0
105(10)	0.01000	38.3	103.4
115(11)	0.00826	38.2	101.8
99(10)	0.01000	38.2	100.3
128(11)	0.00826	38.2	98.8
96(10)	0.01000	38.2	97.5
103(10)	0.01000	38.2	96.5
110(11)	0.00826	38.2	95.7
104(10)	0.01000	38.2	95.2
94(10)	0.01000	38.2	95.0
110(11)	0.00826	38.2	95.2
110(11)	0.00826	38.2	95.7
104(10)	0.01000	38.2	96.6
115(11)	0.00826	38.2	97.8
110(11)	0.00826	38.2	99.3
121(11)	0.00826	38.2	101.1
118(11)	0.00826	38.2	103.1
129(12)	0.00694	38.2	105.3
130(12)	0.00694	38.2	107.6
136(12)	0.00694	38.2	109.9
120(11)	0.00826	38.2	112.3
138(12)	0.00694	38.2	114.5
124(11)	0.00826	38.2	116.6
129(12)	0.00694	38.2	118.4

133(12)	0.00694	38.2	120.1
149(12)	0.00694	38.2	121.6
119(11)	0.00826	38.2	123.0
143(12)	0.00694	38.2	124.3
162(13)	0.00592	38.2	125.6
148(12)	0.00694	38.2	127.1
130(12)	0.00694	38.2	128.7
139(12)	0.00694	38.2	130.6
156(13)	0.00592	38.2	132.8
130(12)	0.00694	38.2	135.3
144(12)	0.00694	38.2	138.2
170(13)	0.00592	38.2	141.5
162(13)	0.00592	38.2	145.1
187(14)	0.00510	38.2	149.0
182(14)	0.00510	38.2	153.2
173(13)	0.00592	38.2	157.6
205(15)	0.00444	38.2	162.1
191(14)	0.00510	38.2	166.8
204(14)	0.00510	38.2	171.5
196(14)	0.00510	38.1	176.1
233(15)	0.00444	38.1	180.6
210(15)	0.00444	38.1	184.8
243(16)	0.00391	38.1	188.8
263(16)	0.00391	38.1	192.4
262(16)	0.00391	38.1	195.5
262(16)	0.00391	38.1	198.0
258(16)	0.00391	38.1	199.8
312(18)	0.003086	38.1	200.8
274(17)	0.003460	38.1	200.9
270(17)	0.003460	38.1	199.9
297(17)	0.003460	38.1	197.9
299(18)	0.003086	38.1	194.9
277(17)	0.003460	38.1	190.8
259(16)	0.00391	38.1	185.8
208(15)	0.00444	38.1	180.1
216(15)	0.00444	38.1	173.7
204(15)	0.00444	38.1	166.9
194(14)	0.00510	38.1	159.8
173(13)	0.00592	38.1	152.6
166(13)	0.00592	38.1	145.4
141(12)	0.00694	38.1	138.2
149(12)	0.00694	38.1	131.2
133(12)	0.00694	38.1	124.5
122(11)	0.00826	38.1	118.1
131(12)	0.00694	38.1	112.0
122(11)	0.00826	38.1	106.3
120(11)	0.00826	38.1	100.9
109(11)	0.00826	38.1	96.0
112(11)	0.00826	38.1	91.4
86(9)	0.01235	38.1	87.1
101(10)	0.01000	38.1	83.2
105(10)	0.01000	38.1	79.7
84(9)	0.01235	38.1	76.5
83(9)	0.01235	38.1	73.6

72(9)	0.01235	38.1	70.9
87(9)	0.01235	38.1	68.6
80(9)	0.01235	38.1	66.5
59(8)	0.01563	38.1	64.5
57(8)	0.01563	38.1	62.8
55(8)	0.01563	38.1	61.3
69(8)	0.01563	38.1	59.9
65(8)	0.01563	38.1	58.7
60(8)	0.01563	38.0	57.6
76(9)	0.01235	38.0	56.6
57(8)	0.01563	38.0	55.7
58(8)	0.01563	38.0	54.9
60(8)	0.01563	38.0	54.1
61(8)	0.01563	38.0	53.5
57(8)	0.01563	38.0	52.8
54(7)	0.02041	38.0	52.3
60(8)	0.01563	38.0	51.8
61(8)	0.01563	38.0	51.3
55(8)	0.01563	38.0	50.9
55(8)	0.01563	38.0	50.5
59(8)	0.01563	38.0	50.2
59(8)	0.01563	38.0	49.9
51(7)	0.02041	38.0	49.6
49(7)	0.02041	38.0	49.4
51(7)	0.02041	38.0	49.2
61(8)	0.01563	38.0	49.0
57(8)	0.01563	38.0	48.9
67(8)	0.01563	38.0	48.8
50(7)	0.02041	38.0	48.7
64(8)	0.01563	38.0	48.7
42(7)	0.02041	38.0	48.7
56(8)	0.01563	38.0	48.7
55(8)	0.01563	38.0	48.9
57(8)	0.01563	38.0	49.0
62(8)	0.01563	38.0	49.2
65(8)	0.01563	38.0	49.3
59(8)	0.01563	38.0	49.6
58(8)	0.01563	38.0	49.8
39(6)	0.02778	38.0	50.1
54(7)	0.02041	38.0	50.4
59(8)	0.01563	38.0	50.7
61(8)	0.01563	38.0	51.0
43(7)	0.02041	38.0	51.3
60(8)	0.01563	38.0	51.5
61(8)	0.01563	38.0	51.8
54(7)	0.02041	38.0	52.0
54(7)	0.02041	38.0	52.1
58(8)	0.01563	38.0	52.2
76(9)	0.01235	38.0	52.1
58(8)	0.01563	38.0	52.0
53(7)	0.02041	38.0	51.8
57(8)	0.01563	37.9	51.5
50(7)	0.02041	37.9	51.2
63(8)	0.01563	37.9	50.8

46(7)	0.02041	37.9	50.3
53(7)	0.02041	37.9	49.8
37(6)	0.02778	37.9	49.3
66(8)	0.01563	37.9	48.8
50(7)	0.02041	37.9	48.2
45(7)	0.02041	37.9	47.7
45(7)	0.02041	37.9	47.2
41(7)	0.02041	37.9	46.7
45(7)	0.02041	37.9	46.3
54(7)	0.02041	37.9	45.8
52(7)	0.02041	37.9	45.4
44(7)	0.02041	37.9	45.0
64(8)	0.01563	37.9	44.7
44(7)	0.02041	37.9	44.4
53(7)	0.02041	37.9	44.1
45(7)	0.02041	37.9	43.8
49(7)	0.02041	37.9	43.6
48(7)	0.02041	37.9	43.4
37(6)	0.02778	37.9	43.2
53(7)	0.02041	37.9	43.0
55(8)	0.01563	37.9	42.9
45(7)	0.02041	37.9	42.7
43(7)	0.02041	37.9	42.6
47(7)	0.02041	37.9	42.5
53(7)	0.02041	37.9	42.4
49(7)	0.02041	37.9	42.3
55(8)	0.01563	37.9	42.3
49(7)	0.02041	37.9	42.2
41(7)	0.02041	37.9	42.2
48(7)	0.02041	37.9	42.1
40(6)	0.02778	37.9	42.1
40(6)	0.02778	37.9	42.1
61(8)	0.01563	37.9	42.1
44(7)	0.02041	37.9	42.1
45(7)	0.02041	37.9	42.1
52(7)	0.02041	37.9	42.1
43(7)	0.02041	37.9	42.1
43(7)	0.02041	37.9	42.1
47(7)	0.02041	37.9	42.1
58(8)	0.01563	37.9	42.2
45(7)	0.02041	37.9	42.2
46(7)	0.02041	37.9	42.2
50(7)	0.02041	37.9	42.3
48(7)	0.02041	37.8	42.3
40(6)	0.02778	37.8	42.4
42(7)	0.02041	37.8	42.4
57(8)	0.01563	37.8	42.4
47(7)	0.02041	37.8	42.4
49(7)	0.02041	37.8	42.5
45(7)	0.02041	37.8	42.4
61(8)	0.01563	37.8	42.4
44(7)	0.02041	37.8	42.4
50(7)	0.02041	37.8	42.3
40(6)	0.02778	37.8	42.2

47(7)	0.02041	37.8	42.1
40(6)	0.02778	37.8	42.0
42(7)	0.02041	37.8	41.9
52(7)	0.02041	37.8	41.8
38(6)	0.02778	37.8	41.7
52(7)	0.02041	37.8	41.6
44(7)	0.02041	37.8	41.5
53(7)	0.02041	37.8	41.4
54(7)	0.02041	37.8	41.3
59(8)	0.01563	37.8	41.2
46(7)	0.02041	37.8	41.1
49(7)	0.02041	37.8	41.0
44(7)	0.02041	37.8	40.9
45(7)	0.02041	37.8	40.9
56(8)	0.01563	37.8	40.8
33(6)	0.02778	37.8	40.8
56(8)	0.01563	37.8	40.7
47(7)	0.02041	37.8	40.7
44(7)	0.02041	37.8	40.5
58(8)	0.01563	37.8	40.5
38(6)	0.02778	37.8	40.4
48(7)	0.02041	37.8	40.4
51(7)	0.02041	37.8	40.4
48(7)	0.02041	37.8	40.4
41(7)	0.02041	37.8	40.3
51(7)	0.02041	37.8	40.3
44(7)	0.02041	37.8	40.3
51(7)	0.02041	37.8	40.3
39(6)	0.02778	37.8	40.3
37(6)	0.02778	37.8	40.3
44(7)	0.02041	37.8	40.3
41(7)	0.02041	37.8	40.3
36(6)	0.02778	37.8	40.3
34(6)	0.02778	37.8	40.3
47(7)	0.02041	37.8	40.3
39(6)	0.02778	37.8	40.3
45(7)	0.02041	37.8	40.3
51(7)	0.02041	37.7	40.3
42(7)	0.02041	37.7	40.3
34(6)	0.02778	37.7	40.3
48(7)	0.02041	37.7	40.3
51(7)	0.02041	37.7	40.3
43(7)	0.02041	37.7	40.4
40(6)	0.02778	37.7	40.4
47(7)	0.02041	37.7	40.4
41(7)	0.02041	37.7	40.4
38(6)	0.02778	37.7	40.4
44(7)	0.02041	37.7	40.4
58(8)	0.01563	37.7	40.4
44(7)	0.02041	37.7	40.5
43(7)	0.02041	37.7	40.5
57(8)	0.01563	37.7	40.5
38(6)	0.02778	37.7	40.5
54(8)	0.01563	37.7	40.5

45(7)	0.02041	37.7	40.6
33(6)	0.02778	37.7	40.6
53(7)	0.02041	37.7	40.6
46(7)	0.02041	37.7	40.6
52(7)	0.02041	37.7	40.7
54(8)	0.01563	37.7	40.7
55(8)	0.01563	37.7	40.7
44(7)	0.02041	37.7	40.8
50(7)	0.02041	37.7	40.8
47(7)	0.02041	37.7	40.8
38(6)	0.02778	37.7	40.9
50(7)	0.02041	37.7	40.9
43(7)	0.02041	37.7	41.0
47(7)	0.02041	37.7	41.0
56(8)	0.01563	37.7	41.1
54(7)	0.02041	37.7	41.1
42(7)	0.02041	37.7	41.2
56(8)	0.01563	37.7	41.2
31(6)	0.02778	37.7	41.3
45(7)	0.02041	37.7	41.4
46(7)	0.02041	37.7	41.4
55(8)	0.01563	37.7	41.5
54(7)	0.02041	37.7	41.6
52(7)	0.02041	37.7	41.6
38(6)	0.02778	37.7	41.7
43(7)	0.02041	37.7	41.8
47(7)	0.02041	37.7	41.9
45(7)	0.02041	37.7	42.0
38(6)	0.02778	37.7	42.1
41(7)	0.02041	37.7	42.2
55(8)	0.01563	37.7	42.3
47(7)	0.02041	37.7	42.4
45(7)	0.02041	37.7	42.6
51(7)	0.02041	37.6	42.7
43(7)	0.02041	37.6	42.9
45(7)	0.02041	37.6	43.0
46(7)	0.02041	37.6	43.2
43(7)	0.02041	37.6	43.4
49(7)	0.02041	37.6	43.6
41(7)	0.02041	37.6	43.8
51(7)	0.02041	37.6	44.0
38(6)	0.02778	37.6	44.2
38(6)	0.02778	37.6	44.5
53(7)	0.02041	37.6	44.7
60(8)	0.01563	37.6	45.0
40(7)	0.02041	37.6	45.3
46(7)	0.02041	37.6	45.7
43(7)	0.02041	37.6	46.1
63(8)	0.01563	37.6	46.5
54(8)	0.01563	37.6	46.9
45(7)	0.02041	37.6	47.4
59(8)	0.01563	37.6	48.0
49(7)	0.02041	37.6	48.5
33(6)	0.02778	37.6	49.2

45(7)	0.02041	37.6	49.9
51(7)	0.02041	37.6	50.7
63(8)	0.01563	37.6	51.6
56(8)	0.01563	37.6	52.5
53(7)	0.02041	37.6	53.6
59(8)	0.01563	37.6	54.8
62(8)	0.01563	37.6	56.1
62(8)	0.01563	37.6	57.5
71(9)	0.01235	37.6	59.1
72(9)	0.01235	37.6	60.8
56(8)	0.01563	37.6	62.7
69(9)	0.01235	37.6	64.8
81(9)	0.01235	37.6	67.0
80(9)	0.01235	37.6	69.5
67(8)	0.01563	37.6	72.1
95(10)	0.01000	37.6	75.0
74(9)	0.01235	37.6	78.0
108(11)	0.00826	37.6	81.3
87(10)	0.01000	37.6	84.8
112(11)	0.00826	37.6	88.5
116(11)	0.00826	37.6	92.4
115(11)	0.00826	37.6	96.4
107(11)	0.00826	37.6	100.6
156(13)	0.00592	37.6	104.8
127(11)	0.00826	37.6	109.0
170(13)	0.00592	37.6	113.1
165(13)	0.00592	37.6	117.0
181(14)	0.00510	37.6	120.7
148(12)	0.00694	37.6	124.0
170(13)	0.00592	37.6	126.7
192(14)	0.00510	37.6	128.8
194(14)	0.00510	37.6	130.2
195(14)	0.00510	37.6	130.8
200(14)	0.00510	37.6	130.6
197(14)	0.00510	37.5	129.6
172(13)	0.00592	37.5	127.8
174(13)	0.00592	37.5	125.3
140(12)	0.00694	37.5	122.2
153(13)	0.00592	37.5	118.6
155(13)	0.00592	37.5	114.7
123(11)	0.00826	37.5	110.5
123(11)	0.00826	37.5	106.2
110(11)	0.00826	37.5	101.8
97(10)	0.01000	37.5	97.5
111(11)	0.00826	37.5	93.2
94(10)	0.01000	37.5	89.1
83(9)	0.01235	37.5	85.2
84(9)	0.01235	37.5	81.4
75(9)	0.01235	37.5	77.9
81(9)	0.01235	37.5	74.7
66(8)	0.01563	37.5	71.6
78(9)	0.01235	37.5	68.8
72(9)	0.01235	37.5	66.3
73(9)	0.01235	37.5	63.9

51(7)	0.02041	37.5	61.8
72(9)	0.01235	37.5	59.9
61(8)	0.01563	37.5	58.3
59(8)	0.01563	37.5	56.8
58(8)	0.01563	37.5	55.4
54(7)	0.02041	37.5	54.2
63(8)	0.01563	37.5	53.1
49(7)	0.02041	37.5	52.2
67(8)	0.01563	37.5	51.4
63(8)	0.01563	37.5	50.6
51(7)	0.02041	37.5	50.0
54(8)	0.01563	37.5	49.5
53(7)	0.02041	37.5	49.0
60(8)	0.01563	37.5	48.6
58(8)	0.01563	37.5	48.2
59(8)	0.01563	37.5	47.9
54(7)	0.02041	37.5	47.6
53(7)	0.02041	37.5	47.4
38(6)	0.02778	37.5	47.1
48(7)	0.02041	37.5	47.0
48(7)	0.02041	37.5	46.8
51(7)	0.02041	37.5	46.7
46(7)	0.02041	37.5	46.6
42(7)	0.02041	37.5	46.5
44(7)	0.02041	37.5	46.5
64(8)	0.01563	37.5	46.4
51(7)	0.02041	37.5	46.4
43(7)	0.02041	37.5	46.3
42(7)	0.02041	37.5	46.3
46(7)	0.02041	37.5	46.3
62(8)	0.01563	37.5	46.3
58(8)	0.01563	37.5	46.4
43(7)	0.02041	37.5	46.4
44(7)	0.02041	37.5	46.5
54(8)	0.01563	37.5	46.6
53(7)	0.02041	37.5	46.7
58(8)	0.01563	37.5	46.8
44(7)	0.02041	37.5	47.0
50(7)	0.02041	37.5	47.1
73(9)	0.01235	37.5	47.3
65(8)	0.01563	37.5	47.6
70(9)	0.01235	37.4	47.8
57(8)	0.01563	37.4	48.1
62(8)	0.01563	37.4	48.4
55(8)	0.01563	37.4	48.8
60(8)	0.01563	37.4	49.2
60(8)	0.01563	37.4	49.7
59(8)	0.01563	37.4	50.3
60(8)	0.01563	37.4	50.9
58(8)	0.01563	37.4	51.6
59(8)	0.01563	37.4	52.3
65(8)	0.01563	37.4	53.2
77(9)	0.01235	37.4	54.1
56(8)	0.01563	37.4	55.2

91(10)	0.01000	37.4	56.4
86(9)	0.01235	37.4	57.7
73(9)	0.01235	37.4	59.2
72(9)	0.01235	37.4	60.8
73(9)	0.01235	37.4	62.6
82(9)	0.01235	37.4	64.6
66(8)	0.01563	37.4	66.7
81(9)	0.01235	37.4	69.0
85(9)	0.01235	37.4	71.5
82(9)	0.01235	37.4	74.2
103(10)	0.01000	37.4	77.0
103(10)	0.01000	37.4	80.1
103(10)	0.01000	37.4	83.3
102(10)	0.01000	37.4	86.6
127(12)	0.00694	37.4	90.1
134(12)	0.00694	37.4	93.7
155(13)	0.00592	37.4	97.4
111(11)	0.00826	37.4	101.0
138(12)	0.00694	37.4	104.6
138(12)	0.00694	37.4	108.1
174(13)	0.00592	37.4	111.5
159(13)	0.00592	37.4	114.5
158(13)	0.00592	37.4	117.3
165(13)	0.00592	37.4	119.6
171(13)	0.00592	37.4	121.6
157(13)	0.00592	37.4	123.1
155(13)	0.00592	37.4	124.2
178(14)	0.00510	37.4	124.9
171(13)	0.00592	37.4	125.2
152(13)	0.00592	37.4	125.3
181(14)	0.00510	37.4	125.1
139(12)	0.00694	37.4	124.6
148(12)	0.00694	37.4	124.0
134(12)	0.00694	37.4	123.2
137(12)	0.00694	37.4	122.3
137(12)	0.00694	37.4	121.1
132(12)	0.00694	37.4	119.6
128(12)	0.00694	37.4	117.9
138(12)	0.00694	37.4	115.9
113(11)	0.00826	37.4	113.6
114(11)	0.00826	37.4	111.0
109(11)	0.00826	37.4	108.0
131(12)	0.00694	37.4	104.9
101(10)	0.01000	37.4	101.6
105(10)	0.01000	37.4	98.1
108(11)	0.00826	37.4	94.6
112(11)	0.00826	37.4	91.1
81(9)	0.01235	37.4	87.6
106(11)	0.00826	37.4	84.3
93(10)	0.01000	37.4	81.0
78(9)	0.01235	37.4	77.9
80(9)	0.01235	37.4	75.0
86(9)	0.01235	37.4	72.3
65(8)	0.01563	37.4	69.8

70(9)	0.01235	37.4	67.4
77(9)	0.01235	37.4	65.3
67(8)	0.01563	37.3	63.3
61(8)	0.01563	37.3	61.6
61(8)	0.01563	37.3	60.0
79(9)	0.01235	37.3	58.6
69(9)	0.01235	37.3	57.4
69(9)	0.01235	37.3	56.3
66(8)	0.01563	37.3	55.4
54(8)	0.01563	37.3	54.6
51(7)	0.02041	37.3	53.9
62(8)	0.01563	37.3	53.4
58(8)	0.01563	37.3	52.9
55(8)	0.01563	37.3	52.6
68(8)	0.01563	37.3	52.4
42(7)	0.02041	37.3	52.3
66(8)	0.01563	37.3	52.2
60(8)	0.01563	37.3	52.3
64(8)	0.01563	37.3	52.4
63(8)	0.01563	37.3	52.6
62(8)	0.01563	37.3	52.8
67(8)	0.01563	37.3	53.1
59(8)	0.01563	37.3	53.5
64(8)	0.01563	37.3	54.0
59(8)	0.01563	37.3	54.4
60(8)	0.01563	37.3	55.0
47(7)	0.02041	37.3	55.5
44(7)	0.02041	37.3	56.1
54(7)	0.02041	37.3	56.7
55(8)	0.01563	37.3	57.3
55(8)	0.01563	37.3	57.9
54(8)	0.01563	37.3	58.5
71(9)	0.01235	37.3	59.0
73(9)	0.01235	37.3	59.5
62(8)	0.01563	37.3	59.9
65(8)	0.01563	37.3	60.2
58(8)	0.01563	37.3	60.4
54(8)	0.01563	37.3	60.4
75(9)	0.01235	37.3	60.3
53(7)	0.02041	37.3	60.1
65(8)	0.01563	37.3	59.8
57(8)	0.01563	37.3	59.3
53(7)	0.02041	37.3	58.8
45(7)	0.02041	37.3	58.0
58(8)	0.01563	37.3	57.3
50(7)	0.02041	37.3	56.6
52(7)	0.02041	37.3	55.8
52(7)	0.02041	37.3	55.0
48(7)	0.02041	37.3	54.2
38(6)	0.02778	37.3	53.4
56(8)	0.01563	37.3	52.7
58(8)	0.01563	37.3	51.9
59(8)	0.01563	37.3	51.2
41(7)	0.02041	37.3	50.6

55(8)	0.01563	37.3	49.9
59(8)	0.01563	37.3	49.3
56(8)	0.01563	37.3	48.8
52(7)	0.02041	37.3	48.2
43(7)	0.02041	37.3	47.8
58(8)	0.01563	37.3	47.3
54(7)	0.02041	37.3	46.9
58(8)	0.01563	37.3	46.6
52(7)	0.02041	37.3	46.3
53(7)	0.02041	37.3	46.0
47(7)	0.02041	37.3	45.7
44(7)	0.02041	37.3	45.5
48(7)	0.02041	37.3	45.3
42(7)	0.02041	37.3	45.2
41(7)	0.02041	37.3	45.0
45(7)	0.02041	37.3	44.9
49(7)	0.02041	37.3	44.9
48(7)	0.02041	37.3	44.8
72(9)	0.01235	37.3	44.8
49(7)	0.02041	37.3	44.8
53(7)	0.02041	37.3	44.8
35(6)	0.02778	37.3	44.8
46(7)	0.02041	37.3	44.9
46(7)	0.02041	37.3	45.0
47(7)	0.02041	37.3	45.1
44(7)	0.02041	37.3	45.3
50(7)	0.02041	37.3	45.5
46(7)	0.02041	37.3	45.7
48(7)	0.02041	37.3	45.9
41(7)	0.02041	37.3	46.2
50(7)	0.02041	37.3	46.6
45(7)	0.02041	37.3	46.9
52(7)	0.02041	37.3	47.3
50(7)	0.02041	37.3	47.8
45(7)	0.02041	37.3	48.3
47(7)	0.02041	37.3	48.9
51(7)	0.02041	37.2	49.5
46(7)	0.02041	37.2	50.2
60(8)	0.01563	37.2	50.9
57(8)	0.01563	37.2	51.7
54(8)	0.01563	37.2	52.6
53(7)	0.02041	37.2	53.5
55(8)	0.01563	37.2	54.5
54(8)	0.01563	37.2	55.6
62(8)	0.01563	37.2	56.7
51(7)	0.02041	37.2	57.8
44(7)	0.02041	37.2	59.0
52(7)	0.02041	37.2	60.3
50(7)	0.02041	37.2	61.5
51(7)	0.02041	37.2	62.8
67(8)	0.01563	37.2	64.1
69(9)	0.01235	37.2	65.3
50(7)	0.02041	37.2	66.5
75(9)	0.01235	37.2	67.6

53(7)	0.02041	37.2	68.6
62(8)	0.01563	37.2	69.5
59(8)	0.01563	37.2	70.2
78(9)	0.01235	37.2	70.7
76(9)	0.01235	37.2	71.0
74(9)	0.01235	37.2	71.0
73(9)	0.01235	37.2	70.8
71(9)	0.01235	37.2	70.4
52(7)	0.02041	37.2	69.8
61(8)	0.01563	37.2	69.1
92(10)	0.01000	37.2	68.1
71(9)	0.01235	37.2	67.1
73(9)	0.01235	37.2	65.9
55(8)	0.01563	37.2	64.7
74(9)	0.01235	37.2	63.5
72(9)	0.01235	37.2	62.2
68(8)	0.01563	37.2	61.0
60(8)	0.01563	37.2	59.7
61(8)	0.01563	37.2	58.5
52(7)	0.02041	37.2	57.3
52(7)	0.02041	37.2	56.2
56(8)	0.01563	37.2	55.1
52(7)	0.02041	37.2	54.1
50(7)	0.02041	37.2	53.2
62(8)	0.01563	37.2	52.3
51(7)	0.02041	37.2	51.5
45(7)	0.02041	37.2	50.7
47(7)	0.02041	37.2	50.0
63(8)	0.01563	37.2	49.4
55(8)	0.01563	37.2	48.8
54(8)	0.01563	37.2	48.3
39(6)	0.02778	37.2	47.8
60(8)	0.01563	37.2	47.3
52(7)	0.02041	37.2	46.9
43(7)	0.02041	37.2	46.6
56(8)	0.01563	37.2	46.3
49(7)	0.02041	37.2	46.0
48(7)	0.02041	37.2	45.8
52(7)	0.02041	37.2	45.5
49(7)	0.02041	37.2	45.4
33(6)	0.02778	37.2	45.3
46(7)	0.02041	37.2	45.1
43(7)	0.02041	37.2	45.0
45(7)	0.02041	37.2	44.9
54(8)	0.01563	37.2	44.9
42(7)	0.02041	37.2	44.8
45(7)	0.02041	37.2	44.8
44(7)	0.02041	37.2	44.8
45(7)	0.02041	37.2	44.8
52(7)	0.02041	37.2	44.8
46(7)	0.02041	37.2	44.8
40(7)	0.02041	37.2	44.8
52(7)	0.02041	37.2	44.8
41(7)	0.02041	37.2	44.9

57(8)	0.01563	37.2	45.0
54(8)	0.01563	37.2	45.1
47(7)	0.02041	37.2	45.2
51(7)	0.02041	37.2	45.3
44(7)	0.02041	37.2	45.5
55(8)	0.01563	37.2	45.7
48(7)	0.02041	37.2	45.9
43(7)	0.02041	37.2	46.1
57(8)	0.01563	37.2	46.4
48(7)	0.02041	37.2	46.7
59(8)	0.01563	37.2	47.0
49(7)	0.02041	37.2	47.4
48(7)	0.02041	37.2	47.9
49(7)	0.02041	37.2	48.4
47(7)	0.02041	37.2	48.9
60(8)	0.01563	37.2	49.5
50(7)	0.02041	37.2	50.2
69(9)	0.01235	37.2	50.9
58(8)	0.01563	37.2	51.7
55(8)	0.01563	37.2	52.5
54(8)	0.01563	37.2	53.4
49(7)	0.02041	37.2	54.3
61(8)	0.01563	37.2	55.3
67(8)	0.01563	37.2	56.3
61(8)	0.01563	37.2	57.3
71(9)	0.01235	37.2	58.4
62(8)	0.01563	37.2	59.4
70(9)	0.01235	37.2	60.4
63(8)	0.01563	37.2	61.3
62(8)	0.01563	37.2	62.2
75(9)	0.01235	37.2	62.9
61(8)	0.01563	37.2	63.5
70(9)	0.01235	37.2	64.0
74(9)	0.01235	37.2	64.4
72(9)	0.01235	37.2	64.7
54(8)	0.01563	37.2	64.8
71(9)	0.01235	37.2	64.9
70(9)	0.01235	37.2	64.9
66(8)	0.01563	37.2	64.9
73(9)	0.01235	37.2	64.9
69(9)	0.01235	37.2	64.9
70(9)	0.01235	37.2	65.0
61(8)	0.01563	37.2	65.1
72(9)	0.01235	37.2	65.3
66(8)	0.01563	37.2	65.6
52(7)	0.02041	37.2	66.1
49(7)	0.02041	37.2	66.6
71(9)	0.01235	37.2	67.3
75(9)	0.01235	37.2	68.1
61(8)	0.01563	37.2	69.1
58(8)	0.01563	37.2	70.3
69(9)	0.01235	37.2	71.5
78(9)	0.01235	37.2	73.0
85(9)	0.01235	37.2	74.5

70(9)	0.01235	37.2	76.3
85(9)	0.01235	37.2	78.2
55(8)	0.01563	37.2	80.2
92(10)	0.01000	37.2	82.3
69(9)	0.01235	37.2	84.6
93(10)	0.01000	37.2	87.1
90(10)	0.01000	37.2	89.6
93(10)	0.01000	37.2	92.2
91(10)	0.01000	37.2	95.0
92(10)	0.01000	37.2	97.9
107(11)	0.00826	37.2	101.0
109(11)	0.00826	37.2	104.2
103(10)	0.01000	37.2	107.6
104(10)	0.01000	37.2	111.2
95(10)	0.01000	37.2	115.0
103(10)	0.01000	37.2	119.1
103(10)	0.01000	37.2	123.4
106(11)	0.00826	37.2	127.9
86(10)	0.01000	37.2	132.6
119(11)	0.00826	37.2	137.4
139(12)	0.00694	37.2	142.4
131(12)	0.00694	37.2	147.3
149(13)	0.00592	37.2	152.2
128(12)	0.00694	37.2	156.9
149(13)	0.00592	37.2	161.2
163(13)	0.00592	37.2	165.0
130(12)	0.00694	37.2	168.1
167(13)	0.00592	37.2	170.5
167(13)	0.00592	37.2	171.9
169(13)	0.00592	37.2	172.3
178(14)	0.00510	37.2	171.6
151(13)	0.00592	37.2	169.9
150(13)	0.00592	37.2	167.2
144(12)	0.00694	37.2	163.8
146(12)	0.00694	37.2	159.6
153(13)	0.00592	37.2	155.0
135(12)	0.00694	37.2	150.0
109(11)	0.00826	37.2	144.9
135(12)	0.00694	37.2	139.7
115(11)	0.00826	37.2	134.5
117(11)	0.00826	37.2	129.6
96(10)	0.01000	37.2	124.9
103(10)	0.01000	37.2	120.6
102(10)	0.01000	37.2	116.6
92(10)	0.01000	37.2	113.0
111(11)	0.00826	37.2	109.9
90(10)	0.01000	37.2	107.3
88(10)	0.01000	37.2	105.1
108(11)	0.00826	37.2	103.5
93(10)	0.01000	37.2	102.4
100(10)	0.01000	37.2	101.8
100(10)	0.01000	37.2	101.7
98(10)	0.01000	37.2	102.1
111(11)	0.00826	37.2	102.9

99(10)	0.01000	37.2	104.1
104(10)	0.01000	37.2	105.8
105(11)	0.00826	37.2	107.9
128(12)	0.00694	37.2	110.3
140(12)	0.00694	37.2	113.0
125(11)	0.00826	37.2	116.0
115(11)	0.00826	37.2	119.2
123(11)	0.00826	37.2	122.5
141(12)	0.00694	37.2	125.9
135(12)	0.00694	37.2	129.2
150(13)	0.00592	37.2	132.4
180(14)	0.00510	37.2	135.4
159(13)	0.00592	37.2	138.1
150(13)	0.00592	37.2	140.3
147(12)	0.00694	37.2	142.0
188(14)	0.00510	37.2	143.2
168(13)	0.00592	37.2	143.8
179(14)	0.00510	37.2	143.7
150(13)	0.00592	37.2	143.1
162(13)	0.00592	37.2	141.9
139(12)	0.00694	37.2	140.3
138(12)	0.00694	37.2	138.2
141(12)	0.00694	37.2	135.9
124(11)	0.00826	37.2	133.2
126(12)	0.00694	37.2	130.3
123(11)	0.00826	37.2	127.3
104(10)	0.01000	37.2	124.1
110(11)	0.00826	37.2	120.8
109(11)	0.00826	37.2	117.5
106(11)	0.00826	37.2	114.1
85(10)	0.01000	37.2	110.7
100(10)	0.01000	37.2	107.3
99(10)	0.01000	37.2	104.0
89(10)	0.01000	37.2	100.7
78(9)	0.01235	37.2	97.4
85(10)	0.01000	37.2	94.3
77(9)	0.01235	37.2	91.3
70(9)	0.01235	37.2	88.4
85(10)	0.01000	37.2	85.7
82(9)	0.01235	37.2	83.2
70(9)	0.01235	37.2	80.8
62(8)	0.01563	37.2	78.6
81(9)	0.01235	37.2	76.6
66(8)	0.01563	37.2	74.7
69(9)	0.01235	37.2	73.1
74(9)	0.01235	37.2	71.6
80(9)	0.01235	37.2	70.2
59(8)	0.01563	37.2	69.1
55(8)	0.01563	37.2	68.0
56(8)	0.01563	37.2	67.2
66(8)	0.01563	37.2	66.4
73(9)	0.01235	37.2	65.9
70(9)	0.01235	37.2	65.4
70(9)	0.01235	37.2	65.1

48(7)	0.02041	37.2	65.0
75(9)	0.01235	37.2	64.9
50(7)	0.02041	37.2	65.1
69(9)	0.01235	37.2	65.3
49(7)	0.02041	37.2	65.8
66(8)	0.01563	37.2	66.3
75(9)	0.01235	37.2	67.1
70(9)	0.01235	37.2	68.0
71(9)	0.01235	37.2	69.0
81(9)	0.01235	37.2	70.3
79(9)	0.01235	37.2	71.7
69(9)	0.01235	37.2	73.3
86(10)	0.01000	37.2	75.1
72(9)	0.01235	37.2	77.1
75(9)	0.01235	37.2	79.3
70(9)	0.01235	37.2	81.7
68(9)	0.01235	37.2	84.3
82(9)	0.01235	37.2	87.2
106(11)	0.00826	37.2	90.2
100(10)	0.01000	37.2	93.4
101(10)	0.01000	37.2	96.9
107(11)	0.00826	37.2	100.5
96(10)	0.01000	37.2	104.2
119(11)	0.00826	37.2	108.1
103(10)	0.01000	37.2	112.1
129(12)	0.00694	37.2	116.1
125(11)	0.00826	37.2	120.1
109(11)	0.00826	37.2	124.1
135(12)	0.00694	37.2	127.9
107(11)	0.00826	37.2	131.4
103(10)	0.01000	37.2	134.6
127(12)	0.00694	37.2	137.4
118(11)	0.00826	37.2	139.7
126(12)	0.00694	37.2	141.4
144(12)	0.00694	37.2	142.3
146(12)	0.00694	37.2	142.6
134(12)	0.00694	37.2	142.1
132(12)	0.00694	37.2	140.9
137(12)	0.00694	37.2	139.1
122(11)	0.00826	37.2	136.6
123(11)	0.00826	37.2	133.6
115(11)	0.00826	37.2	130.2
119(11)	0.00826	37.2	126.5
123(11)	0.00826	37.2	122.5
115(11)	0.00826	37.2	118.4
104(10)	0.01000	37.2	114.2
94(10)	0.01000	37.2	110.1
86(10)	0.01000	37.2	105.9
92(10)	0.01000	37.2	101.9
88(10)	0.01000	37.2	97.9
81(9)	0.01235	37.2	94.1
87(10)	0.01000	37.2	90.4
63(8)	0.01563	37.2	87.0
73(9)	0.01235	37.2	83.7

60(8)	0.01563	37.2	80.6
69(9)	0.01235	37.2	77.7
67(8)	0.01563	37.2	75.0
67(8)	0.01563	37.2	72.5
71(9)	0.01235	37.2	70.2
71(9)	0.01235	37.2	68.1
47(7)	0.02041	37.2	66.2
70(9)	0.01235	37.2	64.4
62(8)	0.01563	37.2	62.7
58(8)	0.01563	37.2	61.2
50(7)	0.02041	37.2	59.9
52(7)	0.02041	37.2	58.6
53(8)	0.01563	37.2	57.5
56(8)	0.01563	37.2	56.5
43(7)	0.02041	37.2	55.6
63(8)	0.01563	37.2	54.7
55(8)	0.01563	37.2	54.0
57(8)	0.01563	37.2	53.3
48(7)	0.02041	37.2	52.7
54(8)	0.01563	37.2	52.1
49(7)	0.02041	37.2	51.6
70(9)	0.01235	37.2	51.1
47(7)	0.02041	37.2	50.7
53(8)	0.01563	37.2	50.3
52(7)	0.02041	37.2	49.9
46(7)	0.02041	37.2	49.6
63(8)	0.01563	37.2	49.3
46(7)	0.02041	37.2	49.1
61(8)	0.01563	37.2	48.8
62(8)	0.01563	37.2	48.6
56(8)	0.01563	37.2	48.4
51(7)	0.02041	37.2	48.2
43(7)	0.02041	37.2	48.0
53(7)	0.02041	37.2	47.8
49(7)	0.02041	37.2	47.7
51(7)	0.02041	37.2	47.6
41(7)	0.02041	37.2	47.4
49(7)	0.02041	37.2	47.3
39(6)	0.02778	37.2	47.2
62(8)	0.01563	37.2	47.1
48(7)	0.02041	37.2	47.1
52(7)	0.02041	37.2	47.0
60(8)	0.01563	37.2	46.9
54(8)	0.01563	37.2	46.9
58(8)	0.01563	37.2	46.9
48(7)	0.02041	37.2	46.8
48(7)	0.02041	37.2	46.8
52(7)	0.02041	37.2	46.8
43(7)	0.02041	37.2	46.8
60(8)	0.01563	37.2	46.8
63(8)	0.01563	37.2	46.8
56(8)	0.01563	37.2	46.9
55(8)	0.01563	37.2	46.9
44(7)	0.02041	37.2	46.9

48(7)	0.02041	37.2	47.0
49(7)	0.02041	37.2	47.1
58(8)	0.01563	37.2	47.1
49(7)	0.02041	37.2	47.2
48(7)	0.02041	37.2	47.3
46(7)	0.02041	37.2	47.4
53(7)	0.02041	37.2	47.6
46(7)	0.02041	37.2	47.7
47(7)	0.02041	37.2	47.9
45(7)	0.02041	37.2	48.0
70(9)	0.01235	37.2	48.2
51(7)	0.02041	37.2	48.4
45(7)	0.02041	37.2	48.6
46(7)	0.02041	37.2	48.9
45(7)	0.02041	37.2	49.2
60(8)	0.01563	37.2	49.5
47(7)	0.02041	37.2	49.8
45(7)	0.02041	37.2	50.2
53(7)	0.02041	37.2	50.6
63(8)	0.01563	37.2	51.1
55(8)	0.01563	37.2	51.6
48(7)	0.02041	37.2	52.2
49(7)	0.02041	37.2	52.9
60(8)	0.01563	37.2	53.6
64(8)	0.01563	37.2	54.5
67(8)	0.01563	37.2	55.5
54(8)	0.01563	37.2	56.6
59(8)	0.01563	37.2	57.8
60(8)	0.01563	37.2	59.2
57(8)	0.01563	37.2	60.8
59(8)	0.01563	37.2	62.6
70(9)	0.01235	37.2	64.6
66(8)	0.01563	37.2	66.7
77(9)	0.01235	37.2	69.2
69(9)	0.01235	37.2	71.8
66(8)	0.01563	37.2	74.7
66(8)	0.01563	37.2	77.9
85(9)	0.01235	37.2	81.2
78(9)	0.01235	37.2	84.9
89(10)	0.01000	37.2	88.7
101(10)	0.01000	37.3	92.8
107(11)	0.00826	37.3	97.0
107(11)	0.00826	37.3	101.4
87(10)	0.01000	37.3	105.8
140(12)	0.00694	37.3	110.3
127(12)	0.00694	37.3	114.7
116(11)	0.00826	37.3	119.0
141(12)	0.00694	37.3	123.0
127(12)	0.00694	37.3	126.8
125(11)	0.00826	37.3	130.1
160(13)	0.00592	37.3	132.9
149(13)	0.00592	37.3	135.2
146(12)	0.00694	37.3	136.9
151(13)	0.00592	37.3	138.2

141(12)	0.00694	37.3	139.0
154(13)	0.00592	37.3	139.5
151(13)	0.00592	37.3	139.6
147(13)	0.00592	37.3	139.6
147(12)	0.00694	37.3	139.5
148(13)	0.00592	37.3	139.4
125(12)	0.00694	37.3	139.3
132(12)	0.00694	37.3	139.2
156(13)	0.00592	37.3	139.1
122(11)	0.00826	37.3	139.1
154(13)	0.00592	37.3	139.1
143(12)	0.00694	37.3	139.0
156(13)	0.00592	37.3	138.9
146(12)	0.00694	37.3	138.7
144(12)	0.00694	37.3	138.3
133(12)	0.00694	37.3	137.7
135(12)	0.00694	37.3	137.0
116(11)	0.00826	37.3	136.0
143(12)	0.00694	37.3	135.0
141(12)	0.00694	37.3	133.8
140(12)	0.00694	37.3	132.6
145(12)	0.00694	37.3	131.4
115(11)	0.00826	37.3	130.2
144(12)	0.00694	37.3	129.1
152(13)	0.00592	37.3	128.2
158(13)	0.00592	37.3	127.4
150(13)	0.00592	37.3	126.8
130(12)	0.00694	37.3	126.4
150(13)	0.00592	37.3	126.1
160(13)	0.00592	37.3	126.1
162(13)	0.00592	37.3	126.3
149(13)	0.00592	37.3	126.7
149(13)	0.00592	37.3	127.3
151(13)	0.00592	37.3	128.2
148(12)	0.00694	37.3	129.3
142(12)	0.00694	37.3	130.6
154(13)	0.00592	37.3	132.1
160(13)	0.00592	37.3	133.7
146(12)	0.00694	37.3	135.5
163(13)	0.00592	37.3	137.2
179(14)	0.00510	37.3	138.9
166(13)	0.00592	37.3	140.4
167(13)	0.00592	37.3	141.6
159(13)	0.00592	37.3	142.4
141(12)	0.00694	37.3	142.6
138(12)	0.00694	37.3	142.2
133(12)	0.00694	37.3	141.1
135(12)	0.00694	37.3	139.3
135(12)	0.00694	37.3	136.8
136(12)	0.00694	37.3	133.7
142(12)	0.00694	37.3	130.0
144(12)	0.00694	37.3	126.0
102(10)	0.01000	37.3	121.6
120(11)	0.00826	37.3	117.0

107(11)	0.00826	37.3	112.4
126(12)	0.00694	37.3	107.7
107(11)	0.00826	37.3	103.2
113(11)	0.00826	37.3	98.7
101(10)	0.01000	37.3	94.5
101(10)	0.01000	37.3	90.5
101(10)	0.01000	37.3	86.7
94(10)	0.01000	37.4	83.2
99(10)	0.01000	37.4	79.9
86(10)	0.01000	37.4	77.0
82(9)	0.01235	37.4	74.3
72(9)	0.01235	37.4	71.8
82(9)	0.01235	37.4	69.7
75(9)	0.01235	37.4	67.8
79(9)	0.01235	37.4	66.1
78(9)	0.01235	37.4	64.6
72(9)	0.01235	37.4	63.4
78(9)	0.01235	37.4	62.3
73(9)	0.01235	37.4	61.4
76(9)	0.01235	37.4	60.7
75(9)	0.01235	37.4	60.1
69(9)	0.01235	37.4	59.7
78(9)	0.01235	37.4	59.4
82(9)	0.01235	37.4	59.2
79(9)	0.01235	37.4	59.2
77(9)	0.01235	37.4	59.2
82(9)	0.01235	37.4	59.4
63(8)	0.01563	37.4	59.6
63(8)	0.01563	37.4	59.9
49(7)	0.02041	37.4	60.4
66(8)	0.01563	37.4	60.9
79(9)	0.01235	37.4	61.6
69(9)	0.01235	37.4	62.4
81(9)	0.01235	37.4	63.4
73(9)	0.01235	37.4	64.5
72(9)	0.01235	37.4	65.7
65(8)	0.01563	37.4	67.1
74(9)	0.01235	37.4	68.7
92(10)	0.01000	37.4	70.4
81(9)	0.01235	37.4	72.4
84(9)	0.01235	37.4	74.5
101(10)	0.01000	37.4	76.9
88(10)	0.01000	37.4	79.5
87(10)	0.01000	37.4	82.3
90(10)	0.01000	37.4	85.4
84(9)	0.01235	37.4	88.7
102(10)	0.01000	37.4	92.2
110(11)	0.00826	37.4	95.9
87(10)	0.01000	37.4	99.9
107(11)	0.00826	37.4	104.0
101(10)	0.01000	37.4	108.3
128(12)	0.00694	37.4	112.8
125(12)	0.00694	37.4	117.4
134(12)	0.00694	37.4	122.1

122(11)	0.00826	37.4	126.7
110(11)	0.00826	37.4	131.3
122(11)	0.00826	37.4	135.6
151(13)	0.00592	37.4	139.8
142(12)	0.00694	37.4	143.5
138(12)	0.00694	37.4	146.8
160(13)	0.00592	37.4	149.6
140(12)	0.00694	37.4	151.7
141(12)	0.00694	37.4	153.0
160(13)	0.00592	37.5	153.6
148(13)	0.00592	37.5	153.4
147(12)	0.00694	37.5	152.5
150(13)	0.00592	37.5	150.7
147(12)	0.00694	37.5	148.3
149(13)	0.00592	37.5	145.3
121(11)	0.00826	37.5	141.8
136(12)	0.00694	37.5	137.8
130(12)	0.00694	37.5	133.5
121(11)	0.00826	37.5	129.0
126(12)	0.00694	37.5	124.4
123(11)	0.00826	37.5	119.7
126(12)	0.00694	37.5	115.1
99(10)	0.01000	37.5	110.5
109(11)	0.00826	37.5	106.0
112(11)	0.00826	37.5	101.7
101(10)	0.01000	37.5	97.5
91(10)	0.01000	37.5	93.6
95(10)	0.01000	37.5	89.8
110(11)	0.00826	37.5	86.3
97(10)	0.01000	37.5	82.9
66(8)	0.01563	37.5	79.8
91(10)	0.01000	37.5	77.0
62(8)	0.01563	37.5	74.3
72(9)	0.01235	37.5	71.8
75(9)	0.01235	37.5	69.5
74(9)	0.01235	37.5	67.5
76(9)	0.01235	37.5	65.5
63(8)	0.01563	37.5	63.8
83(9)	0.01235	37.5	62.2
81(9)	0.01235	37.5	60.7
74(9)	0.01235	37.5	59.4
68(8)	0.01563	37.5	58.2
66(8)	0.01563	37.5	57.1
66(8)	0.01563	37.5	56.1
70(9)	0.01235	37.5	55.2
67(8)	0.01563	37.5	54.4
61(8)	0.01563	37.5	53.7
54(8)	0.01563	37.5	53.0
53(7)	0.02041	37.5	52.4
63(8)	0.01563	37.5	51.8
70(9)	0.01235	37.5	51.3
60(8)	0.01563	37.5	50.9
48(7)	0.02041	37.5	50.4
48(7)	0.02041	37.5	50.1

49(7)	0.02041	37.5	49.7
59(8)	0.01563	37.5	49.4
56(8)	0.01563	37.6	49.1
52(7)	0.02041	37.6	48.8
61(8)	0.01563	37.6	48.5
47(7)	0.02041	37.6	48.3
67(8)	0.01563	37.6	48.1
51(7)	0.02041	37.6	47.9
80(9)	0.01235	37.6	47.7
46(7)	0.02041	37.6	47.5
45(7)	0.02041	37.6	47.3
53(7)	0.02041	37.6	47.2
48(7)	0.02041	37.6	47.0
55(8)	0.01563	37.6	46.9
61(8)	0.01563	37.6	46.8
39(6)	0.02778	37.6	46.6
42(7)	0.02041	37.6	46.5
46(7)	0.02041	37.6	46.4
62(8)	0.01563	37.6	46.3
46(7)	0.02041	37.6	46.2
56(8)	0.01563	37.6	46.2
63(8)	0.01563	37.6	46.1
49(7)	0.02041	37.6	46.0
48(7)	0.02041	37.6	46.0
61(8)	0.01563	37.6	45.9
45(7)	0.02041	37.6	45.9
61(8)	0.01563	37.6	45.8
60(8)	0.01563	37.6	45.8
43(7)	0.02041	37.6	45.8
53(8)	0.01563	37.6	45.8
55(8)	0.01563	37.6	45.8
72(9)	0.01235	37.6	45.7
41(7)	0.02041	37.6	45.7
50(7)	0.02041	37.6	45.7
49(7)	0.02041	37.6	45.7
48(7)	0.02041	37.6	45.8
42(7)	0.02041	37.6	45.8
42(7)	0.02041	37.6	45.8
43(7)	0.02041	37.6	45.8
58(8)	0.01563	37.6	45.9
48(7)	0.02041	37.6	45.9
58(8)	0.01563	37.6	46.0
39(6)	0.02778	37.6	46.0
35(6)	0.02778	37.7	46.1
50(7)	0.02041	37.7	46.2
57(8)	0.01563	37.7	46.3
42(7)	0.02041	37.7	46.4
49(7)	0.02041	37.7	46.4
52(7)	0.02041	37.7	46.5
46(7)	0.02041	37.7	46.6
57(8)	0.01563	37.7	46.8
53(7)	0.02041	37.7	46.9
49(7)	0.02041	37.7	47.0
44(7)	0.02041	37.7	47.2

50(7)	0.02041	37.7	47.3
52(7)	0.02041	37.7	47.5
44(7)	0.02041	37.7	47.6
47(7)	0.02041	37.7	47.8
58(8)	0.01563	37.7	48.0
50(7)	0.02041	37.7	48.2
41(7)	0.02041	37.7	48.4
41(7)	0.02041	37.7	48.7
47(7)	0.02041	37.7	48.9
37(6)	0.02778	37.7	49.2
46(7)	0.02041	37.7	49.5
52(7)	0.02041	37.7	49.8
52(7)	0.02041	37.7	50.1
60(8)	0.01563	37.7	50.5
60(8)	0.01563	37.7	50.9
46(7)	0.02041	37.7	51.3
57(8)	0.01563	37.7	51.7
52(7)	0.02041	37.7	52.2
63(8)	0.01563	37.7	52.8
61(8)	0.01563	37.7	53.3
43(7)	0.02041	37.7	54.0
52(7)	0.02041	37.7	54.7
52(7)	0.02041	37.7	55.4
57(8)	0.01563	37.7	56.3
74(9)	0.01235	37.7	57.2
73(9)	0.01235	37.8	58.3
70(9)	0.01235	37.8	59.4
63(8)	0.01563	37.8	60.7
67(8)	0.01563	37.8	62.1
70(9)	0.01235	37.8	63.7
65(8)	0.01563	37.8	65.4
75(9)	0.01235	37.8	67.3
71(9)	0.01235	37.8	69.5
61(8)	0.01563	37.8	71.8
76(9)	0.01235	37.8	74.4
64(8)	0.01563	37.8	77.2
86(10)	0.01000	37.8	80.3
90(10)	0.01000	37.8	83.7
70(9)	0.01235	37.8	87.4
86(10)	0.01000	37.8	91.5
80(9)	0.01235	37.8	95.8
80(9)	0.01235	37.8	100.4
78(9)	0.01235	37.8	105.4
88(10)	0.01000	37.8	110.6
104(11)	0.00826	37.8	116.2
100(10)	0.01000	37.8	122.0
126(12)	0.00694	37.8	128.1
132(12)	0.00694	37.8	134.5
140(12)	0.00694	37.8	141.0
142(12)	0.00694	37.8	147.5
133(12)	0.00694	37.8	154.1
147(13)	0.00592	37.8	160.6
169(13)	0.00592	37.8	166.8
174(14)	0.00510	37.8	172.7

188(14)	0.00510	37.8	178.1
180(14)	0.00510	37.8	182.9
194(14)	0.00510	37.8	186.8
188(14)	0.00510	37.8	189.8
203(15)	0.00444	37.9	191.8
160(13)	0.00592	37.9	192.6
201(15)	0.00444	37.9	192.2
177(14)	0.00510	37.9	190.7
184(14)	0.00510	37.9	188.1
196(14)	0.00510	37.9	184.5
178(14)	0.00510	37.9	180.0
158(13)	0.00592	37.9	174.8
148(13)	0.00592	37.9	169.1
159(13)	0.00592	37.9	163.0
121(11)	0.00826	37.9	156.7
117(11)	0.00826	37.9	150.2
116(11)	0.00826	37.9	143.7
117(11)	0.00826	37.9	137.3
104(11)	0.00826	37.9	131.0
112(11)	0.00826	37.9	124.9
83(9)	0.01235	37.9	119.1
92(10)	0.01000	37.9	113.5
83(9)	0.01235	37.9	108.2
91(10)	0.01000	37.9	103.3
95(10)	0.01000	37.9	98.6
71(9)	0.01235	37.9	94.3
88(10)	0.01000	37.9	90.3
83(9)	0.01235	37.9	86.6
76(9)	0.01235	37.9	83.3
87(10)	0.01000	37.9	80.2
66(8)	0.01563	37.9	77.4
61(8)	0.01563	37.9	74.9
81(9)	0.01235	37.9	72.6
66(8)	0.01563	37.9	70.6
73(9)	0.01235	37.9	68.7
65(8)	0.01563	38.0	67.1
58(8)	0.01563	38.0	65.7
74(9)	0.01235	38.0	64.5
68(8)	0.01563	38.0	63.4
55(8)	0.01563	38.0	62.5
63(8)	0.01563	38.0	61.7
62(8)	0.01563	38.0	61.0
66(8)	0.01563	38.0	60.5
56(8)	0.01563	38.0	60.0
59(8)	0.01563	38.0	59.7
52(7)	0.02041	38.0	59.5
65(8)	0.01563	38.0	59.3
60(8)	0.01563	38.0	59.2
56(8)	0.01563	38.0	59.3
67(8)	0.01563	38.0	59.3
59(8)	0.01563	38.0	59.5
59(8)	0.01563	38.0	59.8
65(8)	0.01563	38.0	60.1
49(7)	0.02041	38.0	60.4

52(7)	0.02041	38.0	60.9
57(8)	0.01563	38.0	61.4
60(8)	0.01563	38.0	61.9
71(9)	0.01235	38.0	62.5
67(8)	0.01563	38.0	63.2
71(9)	0.01235	38.0	63.8
63(8)	0.01563	38.0	64.6
76(9)	0.01235	38.0	65.3
60(8)	0.01563	38.0	66.1
57(8)	0.01563	38.0	66.9
46(7)	0.02041	38.1	67.8
78(9)	0.01235	38.1	68.5
68(9)	0.01235	38.1	69.3
69(9)	0.01235	38.1	70.0
70(9)	0.01235	38.1	70.6
62(8)	0.01563	38.1	71.2
78(9)	0.01235	38.1	71.6
75(9)	0.01235	38.1	71.9
74(9)	0.01235	38.1	72.0
74(9)	0.01235	38.1	72.0
62(8)	0.01563	38.1	71.9
85(10)	0.01000	38.1	71.6
71(9)	0.01235	38.1	71.1
72(9)	0.01235	38.1	70.5
71(9)	0.01235	38.1	69.8
72(9)	0.01235	38.1	69.0
82(9)	0.01235	38.1	68.1
73(9)	0.01235	38.1	67.2
83(9)	0.01235	38.1	66.2
88(10)	0.01000	38.1	65.2
70(9)	0.01235	38.1	64.1
75(9)	0.01235	38.1	63.1
67(8)	0.01563	38.1	62.1
65(8)	0.01563	38.1	61.1
54(8)	0.01563	38.1	60.1
65(8)	0.01563	38.1	59.2
68(9)	0.01235	38.1	58.3
71(9)	0.01235	38.2	57.4
62(8)	0.01563	38.2	56.6
47(7)	0.02041	38.2	55.8
48(7)	0.02041	38.2	55.1
47(7)	0.02041	38.2	54.4
57(8)	0.01563	38.2	53.8
46(7)	0.02041	38.2	53.2
47(7)	0.02041	38.2	52.7
52(7)	0.02041	38.2	52.2
58(8)	0.01563	38.2	51.7
48(7)	0.02041	38.2	51.3
50(7)	0.02041	38.2	50.9
57(8)	0.01563	38.2	50.5
49(7)	0.02041	38.2	50.2
52(7)	0.02041	38.2	49.9
48(7)	0.02041	38.2	49.6
50(7)	0.02041	38.2	49.4

54(8)	0.01563	38.2	49.2
70(9)	0.01235	38.2	49.0
48(7)	0.02041	38.2	48.8
38(6)	0.02778	38.2	48.6
57(8)	0.01563	38.2	48.5
39(7)	0.02041	38.2	48.4
51(7)	0.02041	38.2	48.3
42(7)	0.02041	38.2	48.3
57(8)	0.01563	38.2	48.2
54(8)	0.01563	38.3	48.1
40(7)	0.02041	38.3	48.1
43(7)	0.02041	38.3	48.1
46(7)	0.02041	38.3	48.1
78(9)	0.01235	38.3	48.1
38(6)	0.02778	38.3	48.1
52(8)	0.01563	38.3	48.1
49(7)	0.02041	38.3	48.1
44(7)	0.02041	38.3	48.1
45(7)	0.02041	38.3	48.2
50(7)	0.02041	38.3	48.2
56(8)	0.01563	38.3	48.3
55(8)	0.01563	38.3	48.4
45(7)	0.02041	38.3	48.4
44(7)	0.02041	38.3	48.5
57(8)	0.01563	38.3	48.6
54(8)	0.01563	38.3	48.7
65(8)	0.01563	38.3	48.8
42(7)	0.02041	38.3	49.0
41(7)	0.02041	38.3	49.0
39(6)	0.02778	38.3	49.2
53(8)	0.01563	38.3	49.3
43(7)	0.02041	38.3	49.5
58(8)	0.01563	38.3	49.7
51(7)	0.02041	38.4	49.8
56(8)	0.01563	38.4	50.0
57(8)	0.01563	38.4	50.3
55(8)	0.01563	38.4	50.5
42(7)	0.02041	38.4	50.7
56(8)	0.01563	38.4	51.0
59(8)	0.01563	38.4	51.2
65(8)	0.01563	38.4	51.5
56(8)	0.01563	38.4	51.8
49(7)	0.02041	38.4	52.1
52(7)	0.02041	38.4	52.5
58(8)	0.01563	38.4	52.8
66(8)	0.01563	38.4	53.2
66(8)	0.01563	38.4	53.7
48(7)	0.02041	38.4	54.1
52(7)	0.02041	38.4	54.6
54(8)	0.01563	38.4	55.1
47(7)	0.02041	38.4	55.7
40(7)	0.02041	38.4	56.4
64(8)	0.01563	38.4	57.1
87(10)	0.01000	38.4	57.8

60(8)	0.01563	38.4	58.6
70(9)	0.01235	38.4	59.5
57(8)	0.01563	38.4	60.4
84(10)	0.01000	38.5	61.5
56(8)	0.01563	38.5	62.6
75(9)	0.01235	38.5	63.9
54(8)	0.01563	38.5	65.3
74(9)	0.01235	38.5	66.8
78(9)	0.01235	38.5	68.5
73(9)	0.01235	38.5	70.4
71(9)	0.01235	38.5	72.5
66(8)	0.01563	38.5	74.7
96(10)	0.01000	38.5	77.2
62(8)	0.01563	38.5	79.9
76(9)	0.01235	38.5	82.8
86(10)	0.01000	38.5	86.0
94(10)	0.01000	38.5	89.5
91(10)	0.01000	38.5	93.2
96(10)	0.01000	38.5	97.2
95(10)	0.01000	38.5	101.5
125(12)	0.00694	38.5	106.1
136(12)	0.00694	38.5	110.9
110(11)	0.00826	38.5	116.0
127(12)	0.00694	38.5	121.4
124(12)	0.00694	38.5	126.9
134(12)	0.00694	38.6	132.7
146(12)	0.00694	38.6	138.6
156(13)	0.00592	38.6	144.6
139(12)	0.00694	38.6	150.6
149(13)	0.00592	38.6	156.5
164(13)	0.00592	38.6	162.2
156(13)	0.00592	38.6	167.7
148(13)	0.00592	38.6	172.8
194(14)	0.00510	38.6	177.4
184(14)	0.00510	38.6	181.4
200(15)	0.00444	38.6	184.6
179(14)	0.00510	38.6	187.1
193(14)	0.00510	38.6	188.8
172(14)	0.00510	38.6	189.7
223(15)	0.00444	38.6	189.8
183(14)	0.00510	38.6	189.3
145(12)	0.00694	38.6	188.2
145(12)	0.00694	38.6	186.8
151(13)	0.00592	38.6	185.0
151(13)	0.00592	38.6	183.1
154(13)	0.00592	38.6	181.3
183(14)	0.00510	38.7	179.5
158(13)	0.00592	38.7	178.0
149(13)	0.00592	38.7	176.8
156(13)	0.00592	38.7	176.0
154(13)	0.00592	38.7	175.6
170(13)	0.00592	38.7	175.7
186(14)	0.00510	38.7	176.3
186(14)	0.00510	38.7	177.3

168(13)	0.00592	38.7	178.9
169(13)	0.00592	38.7	180.9
168(13)	0.00592	38.7	183.5
175(14)	0.00510	38.7	186.3
184(14)	0.00510	38.7	189.5
190(14)	0.00510	38.7	192.9
192(14)	0.00510	38.7	196.5
235(16)	0.00391	38.7	200.0
234(16)	0.00391	38.7	203.5
252(16)	0.00391	38.7	206.7
242(16)	0.00391	38.7	209.5
257(17)	0.003460	38.7	211.7
229(16)	0.00391	38.7	213.4
256(17)	0.003460	38.8	214.2
246(16)	0.00391	38.8	214.3
261(17)	0.003460	38.8	213.4
247(16)	0.00391	38.8	211.6
260(17)	0.003460	38.8	209.0
222(15)	0.00444	38.8	205.6
216(15)	0.00444	38.8	201.4
201(15)	0.00444	38.8	196.6
229(16)	0.00391	38.8	191.2
184(14)	0.00510	38.8	185.4
194(14)	0.00510	38.8	179.2
178(14)	0.00510	38.8	172.9
187(14)	0.00510	38.8	166.5
158(13)	0.00592	38.8	160.1
161(13)	0.00592	38.8	153.7
165(13)	0.00592	38.8	147.5
154(13)	0.00592	38.8	141.5
127(12)	0.00694	38.8	135.8
133(12)	0.00694	38.8	130.3
115(11)	0.00826	38.8	125.1
110(11)	0.00826	38.9	120.3
120(11)	0.00826	38.9	115.8
96(10)	0.01000	38.9	111.7
98(10)	0.01000	38.9	108.0
108(11)	0.00826	38.9	104.6
121(11)	0.00826	38.9	101.5
94(10)	0.01000	38.9	98.9
89(10)	0.01000	38.9	96.5
113(11)	0.00826	38.9	94.5
87(10)	0.01000	38.9	92.8
69(9)	0.01235	38.9	91.5
86(10)	0.01000	38.9	90.4
88(10)	0.01000	38.9	89.7
99(10)	0.01000	38.9	89.2
111(11)	0.00826	38.9	89.0
91(10)	0.01000	38.9	89.1
95(10)	0.01000	38.9	89.4
74(9)	0.01235	38.9	89.9
92(10)	0.01000	38.9	90.7
96(10)	0.01000	38.9	91.6
89(10)	0.01000	39.0	92.7

104(11)	0.00826	39.0	94.0
112(11)	0.00826	39.0	95.4
105(11)	0.00826	39.0	96.9
117(11)	0.00826	39.0	98.5
117(11)	0.00826	39.0	100.0
120(11)	0.00826	39.0	101.6
112(11)	0.00826	39.0	103.0
118(11)	0.00826	39.0	104.4
132(12)	0.00694	39.0	105.5
135(12)	0.00694	39.0	106.4
147(13)	0.00592	39.0	107.1
129(12)	0.00694	39.0	107.4
125(12)	0.00694	39.0	107.3
126(12)	0.00694	39.0	106.9
139(12)	0.00694	39.0	106.1
131(12)	0.00694	39.0	104.9
117(11)	0.00826	39.0	103.5
129(12)	0.00694	39.0	101.8
122(11)	0.00826	39.1	99.8
97(10)	0.01000	39.1	97.7
102(10)	0.01000	39.1	95.6
97(10)	0.01000	39.1	93.3
86(10)	0.01000	39.1	91.0
95(10)	0.01000	39.1	88.7
84(10)	0.01000	39.1	86.5
81(9)	0.01235	39.1	84.3
87(10)	0.01000	39.1	82.3
97(10)	0.01000	39.1	80.3
77(9)	0.01235	39.1	78.5
86(10)	0.01000	39.1	76.8
77(9)	0.01235	39.1	75.3
78(9)	0.01235	39.1	73.9
79(9)	0.01235	39.1	72.6
63(8)	0.01563	39.1	71.6
76(9)	0.01235	39.1	70.6
78(9)	0.01235	39.1	69.8
69(9)	0.01235	39.2	69.2
67(8)	0.01563	39.2	68.8
54(8)	0.01563	39.2	68.5
73(9)	0.01235	39.2	68.4
67(8)	0.01563	39.2	68.4
75(9)	0.01235	39.2	68.6
59(8)	0.01563	39.2	68.8
79(9)	0.01235	39.2	69.2
60(8)	0.01563	39.2	69.7
79(9)	0.01235	39.2	70.2
89(10)	0.01000	39.2	70.9
65(8)	0.01563	39.2	71.6
86(10)	0.01000	39.2	72.3
78(9)	0.01235	39.2	73.0
80(9)	0.01235	39.2	73.6
71(9)	0.01235	39.2	74.3
82(9)	0.01235	39.2	74.8
75(9)	0.01235	39.2	75.2

66(8)	0.01563	39.3	75.6
87(10)	0.01000	39.3	75.7
67(8)	0.01563	39.3	75.7
80(9)	0.01235	39.3	75.5
96(10)	0.01000	39.3	75.1
80(9)	0.01235	39.3	74.6
77(9)	0.01235	39.3	74.0
71(9)	0.01235	39.3	73.2
78(9)	0.01235	39.3	72.4
73(9)	0.01235	39.3	71.5
65(8)	0.01563	39.3	70.6
55(8)	0.01563	39.3	69.7
74(9)	0.01235	39.3	68.8
60(8)	0.01563	39.3	68.0
71(9)	0.01235	39.3	67.2
66(8)	0.01563	39.3	66.5
63(8)	0.01563	39.3	65.8
60(8)	0.01563	39.4	65.2
57(8)	0.01563	39.4	64.7
53(8)	0.01563	39.4	64.3
66(8)	0.01563	39.4	64.0
50(7)	0.02041	39.4	63.7
76(9)	0.01235	39.4	63.5
62(8)	0.01563	39.4	63.5
42(7)	0.02041	39.4	63.4
70(9)	0.01235	39.4	63.5
70(9)	0.01235	39.4	63.6
57(8)	0.01563	39.4	63.8
65(8)	0.01563	39.4	64.0
60(8)	0.01563	39.4	64.3
45(7)	0.02041	39.4	64.5
62(8)	0.01563	39.4	64.8
61(8)	0.01563	39.4	65.1
58(8)	0.01563	39.4	65.3
53(8)	0.01563	39.5	65.5
63(8)	0.01563	39.5	65.6
52(8)	0.01563	39.5	65.7
48(7)	0.02041	39.5	65.7
60(8)	0.01563	39.5	65.6
59(8)	0.01563	39.5	65.5
59(8)	0.01563	39.5	65.2
58(8)	0.01563	39.5	64.9
57(8)	0.01563	39.5	64.5
52(8)	0.01563	39.5	64.1
55(8)	0.01563	39.5	63.5
65(8)	0.01563	39.5	63.0
61(8)	0.01563	39.5	62.4
49(7)	0.02041	39.5	61.7
68(9)	0.01235	39.5	61.1
51(7)	0.02041	39.5	60.5
59(8)	0.01563	39.5	59.8
58(8)	0.01563	39.6	59.2
68(9)	0.01235	39.6	58.6
59(8)	0.01563	39.6	58.0

67(8)	0.01563	39.6	57.5
46(7)	0.02041	39.6	56.9
55(8)	0.01563	39.6	56.4
63(8)	0.01563	39.6	55.9
46(7)	0.02041	39.6	55.5
54(8)	0.01563	39.6	55.1
42(7)	0.02041	39.6	54.7
61(8)	0.01563	39.6	54.5
54(8)	0.01563	39.6	54.2
54(8)	0.01563	39.6	53.9
58(8)	0.01563	39.6	53.6
62(8)	0.01563	39.6	53.4
63(8)	0.01563	39.6	53.2
39(7)	0.02041	39.7	53.1
51(7)	0.02041	39.7	52.9
58(8)	0.01563	39.7	52.8
69(9)	0.01235	39.7	52.8
66(8)	0.01563	39.7	52.7
65(8)	0.01563	39.7	52.7
73(9)	0.01235	39.7	52.7
56(8)	0.01563	39.7	52.7
62(8)	0.01563	39.7	52.8
58(8)	0.01563	39.7	52.9
47(7)	0.02041	39.7	53.0
49(7)	0.02041	39.7	53.1
47(7)	0.02041	39.7	53.3
51(7)	0.02041	39.7	53.5
59(8)	0.01563	39.7	53.7
62(8)	0.01563	39.7	54.0
62(8)	0.01563	39.8	54.3
61(8)	0.01563	39.8	54.6
55(8)	0.01563	39.8	55.0
51(7)	0.02041	39.8	55.5
64(8)	0.01563	39.8	55.9
61(8)	0.01563	39.8	56.4
61(8)	0.01563	39.8	57.0
59(8)	0.01563	39.8	57.6
62(8)	0.01563	39.8	58.3
56(8)	0.01563	39.8	59.1
61(8)	0.01563	39.8	59.9
72(9)	0.01235	39.8	60.9
73(9)	0.01235	39.8	61.9
66(8)	0.01563	39.8	63.0
67(9)	0.01235	39.8	64.2
80(9)	0.01235	39.9	65.5
60(8)	0.01563	39.9	67.0
74(9)	0.01235	39.9	68.6
78(9)	0.01235	39.9	70.3
75(9)	0.01235	39.9	72.1
86(10)	0.01000	39.9	74.1
90(10)	0.01000	39.9	76.2
77(9)	0.01235	39.9	78.4
98(10)	0.01000	39.9	80.9
90(10)	0.01000	39.9	83.4

83(9)	0.01235	39.9	86.1
103(11)	0.00826	39.9	89.0
83(9)	0.01235	39.9	92.0
101(10)	0.01000	39.9	95.1
107(11)	0.00826	39.9	98.3
100(10)	0.01000	39.9	101.6
134(12)	0.00694	40.0	105.0
116(11)	0.00826	40.0	108.4
122(11)	0.00826	40.0	111.8
164(13)	0.00592	40.0	115.2
120(11)	0.00826	40.0	118.5
145(12)	0.00694	40.0	121.6
151(13)	0.00592	40.0	124.6
129(12)	0.00694	40.0	127.2
135(12)	0.00694	40.0	129.6
156(13)	0.00592	40.0	131.5
143(12)	0.00694	40.0	133.0
123(12)	0.00694	40.0	134.0
102(10)	0.01000	40.0	134.5
143(12)	0.00694	40.0	134.6
133(12)	0.00694	40.0	134.2
137(12)	0.00694	40.1	133.3
154(13)	0.00592	40.1	132.1
119(11)	0.00826	40.1	130.4
128(12)	0.00694	40.1	128.5
94(10)	0.01000	40.1	126.4
124(12)	0.00694	40.1	124.0
144(12)	0.00694	40.1	121.5
108(11)	0.00826	40.1	118.9
97(10)	0.01000	40.1	116.1
106(11)	0.00826	40.1	113.3
102(11)	0.00826	40.1	110.5
110(11)	0.00826	40.1	107.7
95(10)	0.01000	40.1	104.9
105(11)	0.00826	40.1	102.1
79(9)	0.01235	40.2	99.4
97(10)	0.01000	40.2	96.8
89(10)	0.01000	40.2	94.2
69(9)	0.01235	40.2	91.8
105(11)	0.00826	40.2	89.5
90(10)	0.01000	40.2	87.3
86(10)	0.01000	40.2	85.2
89(10)	0.01000	40.2	83.3
79(9)	0.01235	40.2	81.6
74(9)	0.01235	40.2	80.0
93(10)	0.01000	40.2	78.6
89(10)	0.01000	40.2	77.4
82(9)	0.01235	40.2	76.3
74(9)	0.01235	40.2	75.4
72(9)	0.01235	40.2	74.7
62(8)	0.01563	40.3	74.1
77(9)	0.01235	40.3	73.8
76(9)	0.01235	40.3	73.6
82(9)	0.01235	40.3	73.5

79(9)	0.01235	40.3	73.6
65(8)	0.01563	40.3	73.8
80(9)	0.01235	40.3	74.2
82(9)	0.01235	40.3	74.8
90(10)	0.01000	40.3	75.5
115(11)	0.00826	40.3	76.3
87(10)	0.01000	40.3	77.2
77(9)	0.01235	40.3	78.2
102(11)	0.00826	40.3	79.3
97(10)	0.01000	40.3	80.5
85(10)	0.01000	40.4	81.7
117(11)	0.00826	40.4	83.0
100(10)	0.01000	40.4	84.2
102(10)	0.01000	40.4	85.4
116(11)	0.00826	40.4	86.5
83(9)	0.01235	40.4	87.5
95(10)	0.01000	40.4	88.3
90(10)	0.01000	40.4	89.0
109(11)	0.00826	40.4	89.4
79(9)	0.01235	40.4	89.6
105(11)	0.00826	40.4	89.6
98(10)	0.01000	40.4	89.3
95(10)	0.01000	40.4	88.8
95(10)	0.01000	40.4	88.2
126(12)	0.00694	40.5	87.3
89(10)	0.01000	40.5	86.4
99(10)	0.01000	40.5	85.3
108(11)	0.00826	40.5	84.2
92(10)	0.01000	40.5	83.1
85(10)	0.01000	40.5	82.1
76(9)	0.01235	40.5	81.0
76(9)	0.01235	40.5	80.0
80(9)	0.01235	40.5	79.1
79(9)	0.01235	40.5	78.3
83(9)	0.01235	40.5	77.6
90(10)	0.01000	40.5	77.0
69(9)	0.01235	40.5	76.5
71(9)	0.01235	40.5	76.2
92(10)	0.01000	40.6	75.9
69(9)	0.01235	40.6	75.7
67(9)	0.01235	40.6	75.7
95(10)	0.01000	40.6	75.7
73(9)	0.01235	40.6	75.8
83(10)	0.01000	40.6	76.0
87(10)	0.01000	40.6	76.3
81(9)	0.01235	40.6	76.6
81(9)	0.01235	40.6	76.9
65(8)	0.01563	40.6	77.2
83(9)	0.01235	40.6	77.5
82(9)	0.01235	40.6	77.8
87(10)	0.01000	40.6	78.0
70(9)	0.01235	40.6	78.2
90(10)	0.01000	40.7	78.2
86(10)	0.01000	40.7	78.2

83(9)	0.01235	40.7	78.1
81(9)	0.01235	40.7	77.9
81(9)	0.01235	40.7	77.6
84(10)	0.01000	40.7	77.2
77(9)	0.01235	40.7	76.7
88(10)	0.01000	40.7	76.2
78(9)	0.01235	40.7	75.6
88(10)	0.01000	40.7	74.9
69(9)	0.01235	40.7	74.3
80(9)	0.01235	40.7	73.6
75(9)	0.01235	40.7	73.0
70(9)	0.01235	40.8	72.4
71(9)	0.01235	40.8	71.8
63(8)	0.01563	40.8	71.2
69(9)	0.01235	40.8	70.7
59(8)	0.01563	40.8	70.2
79(9)	0.01235	40.8	69.8
53(8)	0.01563	40.8	69.5
65(8)	0.01563	40.8	69.2
82(9)	0.01235	40.8	69.0
71(9)	0.01235	40.8	68.8
66(8)	0.01563	40.8	68.7
60(8)	0.01563	40.8	68.7
55(8)	0.01563	40.8	68.8
65(8)	0.01563	40.9	68.9
62(8)	0.01563	40.9	69.1
58(8)	0.01563	40.9	69.3
61(8)	0.01563	40.9	69.7
56(8)	0.01563	40.9	70.0
86(10)	0.01000	40.9	70.5
81(9)	0.01235	40.9	71.0
64(8)	0.01563	40.9	71.6
69(9)	0.01235	40.9	72.2
56(8)	0.01563	40.9	72.8
66(8)	0.01563	40.9	73.5
70(9)	0.01235	40.9	74.3
63(8)	0.01563	40.9	75.1
74(9)	0.01235	41.0	75.9
48(7)	0.02041	41.0	76.7
56(8)	0.01563	41.0	77.6
63(8)	0.01563	41.0	78.5
67(9)	0.01235	41.0	79.4
69(9)	0.01235	41.0	80.4
70(9)	0.01235	41.0	81.4
64(8)	0.01563	41.0	82.5
73(9)	0.01235	41.0	83.6
77(9)	0.01235	41.0	84.8
75(9)	0.01235	41.0	86.2
74(9)	0.01235	41.0	87.6
76(9)	0.01235	41.0	89.2
85(10)	0.01000	41.1	91.0
83(9)	0.01235	41.1	93.0
80(9)	0.01235	41.1	95.2
90(10)	0.01000	41.1	97.6

74(9)	0.01235	41.1	100.3
90(10)	0.01000	41.1	103.3
102(11)	0.00826	41.1	106.6
109(11)	0.00826	41.1	110.2
111(11)	0.00826	41.1	114.2
115(11)	0.00826	41.1	118.4
109(11)	0.00826	41.1	123.1
112(11)	0.00826	41.1	128.1
102(11)	0.00826	41.1	133.4
140(12)	0.00694	41.2	139.2
127(12)	0.00694	41.2	145.2
131(12)	0.00694	41.2	151.6
134(12)	0.00694	41.2	158.2
149(13)	0.00592	41.2	165.0
175(14)	0.00510	41.2	171.9
182(14)	0.00510	41.2	178.9
184(14)	0.00510	41.2	185.9
194(14)	0.00510	41.2	192.8
234(16)	0.00391	41.2	199.4
229(16)	0.00391	41.2	205.7
253(17)	0.003460	41.2	211.6
235(16)	0.00391	41.2	216.9
274(17)	0.003460	41.3	221.5
267(17)	0.003460	41.3	225.3
257(17)	0.003460	41.3	228.2
267(17)	0.003460	41.3	230.1
291(18)	0.003086	41.3	231.0
265(17)	0.003460	41.3	230.9
272(17)	0.003460	41.3	229.7
259(17)	0.003460	41.3	227.6
261(17)	0.003460	41.3	224.5
235(16)	0.00391	41.3	220.7
239(16)	0.00391	41.3	216.2
194(15)	0.00444	41.3	211.1
205(15)	0.00444	41.4	205.7
209(15)	0.00444	41.4	200.0
191(14)	0.00510	41.4	194.2
192(14)	0.00510	41.4	188.2
175(14)	0.00510	41.4	182.2
189(14)	0.00510	41.4	176.2
147(13)	0.00592	41.4	170.3
152(13)	0.00592	41.4	164.5
162(13)	0.00592	41.4	158.8
143(12)	0.00694	41.4	153.4
170(14)	0.00510	41.4	148.2
110(11)	0.00826	41.4	143.2
149(13)	0.00592	41.5	138.5
120(11)	0.00826	41.5	134.1
160(13)	0.00592	41.5	130.1
127(12)	0.00694	41.5	126.5
117(11)	0.00826	41.5	123.3
117(11)	0.00826	41.5	120.4
83(9)	0.01235	41.5	118.0
103(11)	0.00826	41.5	116.0

132(12)	0.00694	41.5	114.4
109(11)	0.00826	41.5	113.1
103(11)	0.00826	41.5	112.3
105(11)	0.00826	41.5	111.9
98(10)	0.01000	41.6	111.8
86(10)	0.01000	41.6	112.1
116(11)	0.00826	41.6	112.7
107(11)	0.00826	41.6	113.7
115(11)	0.00826	41.6	115.0
95(10)	0.01000	41.6	116.6
102(11)	0.00826	41.6	118.5
117(11)	0.00826	41.6	120.6
107(11)	0.00826	41.6	123.0
109(11)	0.00826	41.6	125.6
131(12)	0.00694	41.6	128.4
137(12)	0.00694	41.6	131.4
119(11)	0.00826	41.7	134.4
128(12)	0.00694	41.7	137.5
121(11)	0.00826	41.7	140.6
150(13)	0.00592	41.7	143.7
148(13)	0.00592	41.7	146.6
154(13)	0.00592	41.7	149.3
131(12)	0.00694	41.7	151.8
175(14)	0.00510	41.7	154.0
198(15)	0.00444	41.7	155.8
177(14)	0.00510	41.7	157.2
181(14)	0.00510	41.7	158.2
174(14)	0.00510	41.7	158.7
148(13)	0.00592	41.8	158.8
167(13)	0.00592	41.8	158.5
142(12)	0.00694	41.8	157.8
151(13)	0.00592	41.8	156.8
169(14)	0.00510	41.8	155.6
157(13)	0.00592	41.8	154.2
156(13)	0.00592	41.8	152.7
150(13)	0.00592	41.8	151.2
162(13)	0.00592	41.8	149.6
146(13)	0.00592	41.8	148.1
124(12)	0.00694	41.8	146.7
139(12)	0.00694	41.8	145.3
137(12)	0.00694	41.9	144.1
132(12)	0.00694	41.9	143.0
158(13)	0.00592	41.9	142.1
125(12)	0.00694	41.9	141.3
152(13)	0.00592	41.9	140.6
145(13)	0.00592	41.9	140.0
120(11)	0.00826	41.9	139.6
128(12)	0.00694	41.9	139.3
121(11)	0.00826	41.9	139.2
145(13)	0.00592	41.9	139.3
150(13)	0.00592	41.9	139.6
136(12)	0.00694	41.9	140.2
131(12)	0.00694	42.0	141.0
141(12)	0.00694	42.0	142.1

161(13)	0.00592	42.0	143.5
145(13)	0.00592	42.0	145.2
163(13)	0.00592	42.0	147.1
164(13)	0.00592	42.0	149.4
168(14)	0.00510	42.0	151.8
168(14)	0.00510	42.0	154.4
171(14)	0.00510	42.0	157.2
153(13)	0.00592	42.0	159.9
173(14)	0.00510	42.0	162.6
190(14)	0.00510	42.1	165.1
177(14)	0.00510	42.1	167.3
187(14)	0.00510	42.1	169.1
167(14)	0.00510	42.1	170.3
194(14)	0.00510	42.1	170.9
189(14)	0.00510	42.1	170.8
180(14)	0.00510	42.1	170.0
173(14)	0.00510	42.1	168.5
174(14)	0.00510	42.1	166.3
148(13)	0.00592	42.1	163.6
162(13)	0.00592	42.1	160.3
158(13)	0.00592	42.1	156.7
154(13)	0.00592	42.2	152.9
143(12)	0.00694	42.2	148.9
153(13)	0.00592	42.2	144.8
133(12)	0.00694	42.2	140.8
134(12)	0.00694	42.2	136.9
148(13)	0.00592	42.2	133.2
135(12)	0.00694	42.2	129.7
130(12)	0.00694	42.2	126.4
133(12)	0.00694	42.2	123.3
131(12)	0.00694	42.2	120.5
137(12)	0.00694	42.2	118.0
125(12)	0.00694	42.3	115.7
123(12)	0.00694	42.3	113.6
116(11)	0.00826	42.3	111.8
123(12)	0.00694	42.3	110.1
118(11)	0.00826	42.3	108.5
104(11)	0.00826	42.3	107.0
108(11)	0.00826	42.3	105.5
113(11)	0.00826	42.3	104.2
108(11)	0.00826	42.3	102.8
112(11)	0.00826	42.3	101.4
98(10)	0.01000	42.3	100.0
93(10)	0.01000	42.4	98.7
89(10)	0.01000	42.4	97.4
115(11)	0.00826	42.4	96.1
94(10)	0.01000	42.4	95.0
93(10)	0.01000	42.4	93.9
118(11)	0.00826	42.4	93.0
93(10)	0.01000	42.4	92.2
104(11)	0.00826	42.4	91.6
86(10)	0.01000	42.4	91.1
83(10)	0.01000	42.4	90.8
76(9)	0.01235	42.4	90.7

80(9)	0.01235	42.4	90.8
86(10)	0.01000	42.5	91.1
103(11)	0.00826	42.5	91.7
96(10)	0.01000	42.5	92.4
87(10)	0.01000	42.5	93.4
100(10)	0.01000	42.5	94.6
100(10)	0.01000	42.5	96.0
98(10)	0.01000	42.5	97.6
119(11)	0.00826	42.5	99.4
113(11)	0.00826	42.5	101.3
120(11)	0.00826	42.5	103.4
84(10)	0.01000	42.5	105.7
121(11)	0.00826	42.6	108.0
124(12)	0.00694	42.6	110.4
144(13)	0.00592	42.6	112.9
135(12)	0.00694	42.6	115.3
123(12)	0.00694	42.6	117.7
139(12)	0.00694	42.6	120.0
126(12)	0.00694	42.6	122.1
145(13)	0.00592	42.6	124.1
149(13)	0.00592	42.6	125.9
150(13)	0.00592	42.6	127.4
136(12)	0.00694	42.6	128.8
157(13)	0.00592	42.7	130.0
156(13)	0.00592	42.7	131.0
150(13)	0.00592	42.7	131.9
158(13)	0.00592	42.7	132.7
148(13)	0.00592	42.7	133.4
161(13)	0.00592	42.7	134.1
140(12)	0.00694	42.7	134.9
114(11)	0.00826	42.7	135.6
160(13)	0.00592	42.7	136.5
161(13)	0.00592	42.7	137.4
144(13)	0.00592	42.7	138.4
149(13)	0.00592	42.8	139.6
132(12)	0.00694	42.8	140.9
138(12)	0.00694	42.8	142.2
153(13)	0.00592	42.8	143.6
152(13)	0.00592	42.8	144.9
162(13)	0.00592	42.8	146.3
161(13)	0.00592	42.8	147.5
161(13)	0.00592	42.8	148.5
149(13)	0.00592	42.8	149.3
179(14)	0.00510	42.8	149.8
149(13)	0.00592	42.9	149.9
141(12)	0.00694	42.9	149.6
180(14)	0.00510	42.9	148.9
166(13)	0.00592	42.9	147.8
159(13)	0.00592	42.9	146.2
127(12)	0.00694	42.9	144.2
162(13)	0.00592	42.9	141.9
159(13)	0.00592	42.9	139.2
148(13)	0.00592	42.9	136.2
138(12)	0.00694	42.9	133.0

149(13)	0.00592	42.9	129.6
144(12)	0.00694	43.0	126.1
121(12)	0.00694	43.0	122.5
125(12)	0.00694	43.0	118.8
106(11)	0.00826	43.0	115.2
105(11)	0.00826	43.0	111.6
105(11)	0.00826	43.0	108.1
105(11)	0.00826	43.0	104.7
93(10)	0.01000	43.0	101.4
93(10)	0.01000	43.0	98.2
97(10)	0.01000	43.0	95.2
98(10)	0.01000	43.0	92.3
116(11)	0.00826	43.1	89.6
88(10)	0.01000	43.1	87.1
84(10)	0.01000	43.1	84.8
83(10)	0.01000	43.1	82.6
93(10)	0.01000	43.1	80.5
90(10)	0.01000	43.1	78.7
89(10)	0.01000	43.1	77.0
78(9)	0.01235	43.1	75.4
98(10)	0.01000	43.1	74.0
85(10)	0.01000	43.1	72.8
58(8)	0.01563	43.2	71.7
83(10)	0.01000	43.2	70.7
81(9)	0.01235	43.2	69.9
76(9)	0.01235	43.2	69.2
78(9)	0.01235	43.2	68.6
66(8)	0.01563	43.2	68.2
74(9)	0.01235	43.2	67.9
67(9)	0.01235	43.2	67.8
66(8)	0.01563	43.2	67.7
83(10)	0.01000	43.2	67.8
72(9)	0.01235	43.2	68.1
97(10)	0.01000	43.3	68.4
78(9)	0.01235	43.3	68.9
70(9)	0.01235	43.3	69.6
89(10)	0.01000	43.3	70.3
93(10)	0.01000	43.3	71.2
69(9)	0.01235	43.3	72.2
91(10)	0.01000	43.3	73.3
89(10)	0.01000	43.3	74.4
91(10)	0.01000	43.3	75.7
107(11)	0.00826	43.3	77.1
78(9)	0.01235	43.4	78.5
93(10)	0.01000	43.4	79.9
94(10)	0.01000	43.4	81.3
96(10)	0.01000	43.4	82.7
95(10)	0.01000	43.4	84.0
102(11)	0.00826	43.4	85.2
90(10)	0.01000	43.4	86.2
116(11)	0.00826	43.4	87.1
102(11)	0.00826	43.4	87.7
108(11)	0.00826	43.4	88.0
108(11)	0.00826	43.4	88.1

112(11)	0.00826	43.5	87.8
115(11)	0.00826	43.5	87.3
92(10)	0.01000	43.5	86.5
107(11)	0.00826	43.5	85.4
114(11)	0.00826	43.5	84.1
88(10)	0.01000	43.5	82.7
111(11)	0.00826	43.5	81.1
95(10)	0.01000	43.5	79.4
67(9)	0.01235	43.5	77.7
69(9)	0.01235	43.5	76.0
95(10)	0.01000	43.6	74.2
75(9)	0.01235	43.6	72.6
79(9)	0.01235	43.6	70.9
88(10)	0.01000	43.6	69.3
70(9)	0.01235	43.6	67.8
61(8)	0.01563	43.6	66.4
69(9)	0.01235	43.6	65.1
72(9)	0.01235	43.6	63.8
56(8)	0.01563	43.6	62.7
80(9)	0.01235	43.6	61.6
63(8)	0.01563	43.7	60.7
65(8)	0.01563	43.7	59.8
51(7)	0.02041	43.7	59.0
66(9)	0.01235	43.7	58.4
71(9)	0.01235	43.7	57.7
68(9)	0.01235	43.7	57.1
65(8)	0.01563	43.7	56.7
49(7)	0.02041	43.7	56.3
61(8)	0.01563	43.7	55.9
59(8)	0.01563	43.7	55.6
55(8)	0.01563	43.8	55.4
53(8)	0.01563	43.8	55.2
62(8)	0.01563	43.8	55.1
51(8)	0.01563	43.8	55.0
52(8)	0.01563	43.8	54.9
52(8)	0.01563	43.8	54.9
60(8)	0.01563	43.8	55.0
62(8)	0.01563	43.8	55.0
59(8)	0.01563	43.8	55.1
60(8)	0.01563	43.8	55.3
51(8)	0.01563	43.8	55.5
60(8)	0.01563	43.9	55.7
72(9)	0.01235	43.9	56.0
61(8)	0.01563	43.9	56.3
58(8)	0.01563	43.9	56.7
73(9)	0.01235	43.9	57.2
72(9)	0.01235	43.9	57.7
55(8)	0.01563	43.9	58.2
64(8)	0.01563	43.9	58.8
50(7)	0.02041	43.9	59.5
50(7)	0.02041	43.9	60.3
76(9)	0.01235	44.0	61.1
81(9)	0.01235	44.0	62.0
80(9)	0.01235	44.0	63.0

65(8)	0.01563	44.0	64.1
59(8)	0.01563	44.0	65.2
64(8)	0.01563	44.0	66.5
80(9)	0.01235	44.0	67.8
64(8)	0.01563	44.0	69.2
72(9)	0.01235	44.0	70.6
81(9)	0.01235	44.0	72.1
76(9)	0.01235	44.1	73.7
83(10)	0.01000	44.1	75.4
91(10)	0.01000	44.1	77.0
70(9)	0.01235	44.1	78.7
73(9)	0.01235	44.1	80.4
90(10)	0.01000	44.1	82.1
92(10)	0.01000	44.1	83.7
73(9)	0.01235	44.1	85.3
102(11)	0.00826	44.1	86.7
90(10)	0.01000	44.1	88.0
94(10)	0.01000	44.2	89.1
100(10)	0.01000	44.2	89.9
107(11)	0.00826	44.2	90.6
91(10)	0.01000	44.2	90.9
81(9)	0.01235	44.2	91.0
95(10)	0.01000	44.2	90.7
93(11)	0.00826	44.2	90.2
80(10)	0.01000	44.2	89.5
78(10)	0.01000	44.2	88.4
78(10)	0.01000	44.2	87.2
79(10)	0.01000	44.3	85.8
74(9)	0.01235	44.3	84.3
76(9)	0.01235	44.3	82.7
73(9)	0.01235	44.3	81.0
79(10)	0.01000	44.3	79.3
77(10)	0.01000	44.3	77.6
76(10)	0.01000	44.3	75.9
81(10)	0.01000	44.3	74.2
65(9)	0.01235	44.3	72.6
62(9)	0.01235	44.4	71.0
61(9)	0.01235	44.4	69.5
53(8)	0.01563	44.4	68.0
65(9)	0.01235	44.4	66.7
58(8)	0.01563	44.4	65.4
55(8)	0.01563	44.4	64.2
67(9)	0.01235	44.4	63.0
60(8)	0.01563	44.4	62.0
58(8)	0.01563	44.4	61.0
52(8)	0.01563	44.4	60.1
58(8)	0.01563	44.5	59.2
61(9)	0.01235	44.5	58.5
52(8)	0.01563	44.5	57.7
62(9)	0.01235	44.5	57.1
58(8)	0.01563	44.5	56.5
45(7)	0.02041	44.5	55.9
53(8)	0.01563	44.5	55.4
57(8)	0.01563	44.5	54.9

46(7)	0.02041	44.5	54.4
59(8)	0.01563	44.5	54.0
56(8)	0.01563	44.6	53.6
61(9)	0.01235	44.6	53.2
51(8)	0.01563	44.6	52.9
53(8)	0.01563	44.6	52.6
58(8)	0.01563	44.6	52.3
48(8)	0.01563	44.6	52.0
62(9)	0.01235	44.6	51.8
64(9)	0.01235	44.6	51.6
59(8)	0.01563	44.6	51.3
54(8)	0.01563	44.6	51.1
51(8)	0.01563	44.7	51.0
59(8)	0.01563	44.7	50.8
44(7)	0.02041	44.7	50.6
41(7)	0.02041	44.7	50.5
53(8)	0.01563	44.7	50.3
49(8)	0.01563	44.7	50.2
46(7)	0.02041	44.7	50.0
42(7)	0.02041	44.7	49.9
55(8)	0.01563	44.7	49.9
43(7)	0.02041	44.7	49.8
69(9)	0.01235	44.8	49.7
47(8)	0.01563	44.8	49.6
58(8)	0.01563	44.8	49.6
33(6)	0.02778	44.8	49.5
53(8)	0.01563	44.8	49.4
54(8)	0.01563	44.8	49.4
33(6)	0.02778	44.8	49.3
72(9)	0.01235	44.8	49.2
42(7)	0.02041	44.8	49.2
52(8)	0.01563	44.9	49.2
39(7)	0.02041	44.9	49.1
45(7)	0.02041	44.9	49.1
41(7)	0.02041	44.9	49.0
45(7)	0.02041	44.9	49.0
40(7)	0.02041	44.9	49.0
48(8)	0.01563	44.9	49.0
55(8)	0.01563	44.9	48.9
37(7)	0.02041	44.9	48.9
48(8)	0.01563	44.9	48.9
44(7)	0.02041	45.0	48.9
45(7)	0.02041	45.0	48.8
52(8)	0.01563	45.0	48.8
52(8)	0.01563	45.0	48.8
46(7)	0.02041	45.0	48.8
57(8)	0.01563	45.0	48.8
44(7)	0.02041	45.0	48.8
46(7)	0.02041	45.0	48.8
51(8)	0.01563	45.0	48.8
49(8)	0.01563	45.1	48.7
50(8)	0.01563	45.1	48.7
42(7)	0.02041	45.1	48.7
45(7)	0.02041	45.1	48.7

48(8)	0.01563	45.1	48.7
50(8)	0.01563	45.1	48.7
54(8)	0.01563	45.1	48.7
48(8)	0.01563	45.1	48.7
39(7)	0.02041	45.1	48.7
43(7)	0.02041	45.1	48.7
35(6)	0.02778	45.2	48.7
39(7)	0.02041	45.2	48.8
52(8)	0.01563	45.2	48.8
53(8)	0.01563	45.2	48.8
49(8)	0.01563	45.2	48.8
42(7)	0.02041	45.2	48.8
39(7)	0.02041	45.2	48.8
50(8)	0.01563	45.2	48.8
51(8)	0.01563	45.2	48.8
48(8)	0.01563	45.2	48.9
37(7)	0.02041	45.3	48.9
46(7)	0.02041	45.3	48.9
46(7)	0.02041	45.3	48.9
57(8)	0.01563	45.3	48.9
51(8)	0.01563	45.3	49.0
58(8)	0.01563	45.3	49.0
43(7)	0.02041	45.3	49.0
53(8)	0.01563	45.3	49.0
65(9)	0.01235	45.3	49.0
50(8)	0.01563	45.4	49.1
57(8)	0.01563	45.4	49.1
58(8)	0.01563	45.4	49.1
40(7)	0.02041	45.4	49.2
38(7)	0.02041	45.4	49.2
46(7)	0.02041	45.4	49.2
41(7)	0.02041	45.4	49.3
47(8)	0.01563	45.4	49.3
50(8)	0.01563	45.4	49.3
37(7)	0.02041	45.4	49.4
53(8)	0.01563	45.5	49.4
51(8)	0.01563	45.5	49.5
49(8)	0.01563	45.5	49.5
57(8)	0.01563	45.5	49.6
61(9)	0.01235	45.5	49.6
41(7)	0.02041	45.5	49.6
48(8)	0.01563	45.5	49.7
39(7)	0.02041	45.5	49.7
56(8)	0.01563	45.5	49.8
49(8)	0.01563	45.6	49.9
54(8)	0.01563	45.6	49.9
41(7)	0.02041	45.6	50.0
39(7)	0.02041	45.6	50.0
40(7)	0.02041	45.6	50.1
56(8)	0.01563	45.6	50.2
49(8)	0.01563	45.6	50.2
57(8)	0.01563	45.6	50.3
46(7)	0.02041	45.6	50.4
43(7)	0.02041	45.7	50.5

38(7)	0.02041	45.7	50.6
40(7)	0.02041	45.7	50.6
54(8)	0.01563	45.7	50.7
49(8)	0.01563	45.7	50.8
47(8)	0.01563	45.7	50.9
45(7)	0.02041	45.7	51.0
37(7)	0.02041	45.7	51.1
43(7)	0.02041	45.7	51.2
52(8)	0.01563	45.7	51.3
51(8)	0.01563	45.8	51.4
55(8)	0.01563	45.8	51.6
57(8)	0.01563	45.8	51.7
40(7)	0.02041	45.8	51.8
53(8)	0.01563	45.8	52.0
53(8)	0.01563	45.8	52.1
50(8)	0.01563	45.8	52.3
44(7)	0.02041	45.8	52.4
38(7)	0.02041	45.8	52.6
49(8)	0.01563	45.9	52.8
41(7)	0.02041	45.9	53.0
59(8)	0.01563	45.9	53.1
48(8)	0.01563	45.9	53.4
50(8)	0.01563	45.9	53.6
59(8)	0.01563	45.9	53.8
50(8)	0.01563	45.9	54.0
44(7)	0.02041	45.9	54.3
65(9)	0.01235	45.9	54.6
40(7)	0.02041	45.9	54.8
47(8)	0.01563	46.0	55.1
48(8)	0.01563	46.0	55.5
52(8)	0.01563	46.0	55.8
65(9)	0.01235	46.0	56.2
63(9)	0.01235	46.0	56.7
51(8)	0.01563	46.0	57.1
55(8)	0.01563	46.0	57.6
62(9)	0.01235	46.0	58.2
44(7)	0.02041	46.0	58.7
62(9)	0.01235	46.1	59.4
58(8)	0.01563	46.1	60.1
59(8)	0.01563	46.1	60.8
49(8)	0.01563	46.1	61.6
54(8)	0.01563	46.1	62.5
57(8)	0.01563	46.1	63.5
57(8)	0.01563	46.1	64.5
70(9)	0.01235	46.1	65.7
53(8)	0.01563	46.1	66.9
64(9)	0.01235	46.2	68.2
60(9)	0.01235	46.2	69.6
76(9)	0.01235	46.2	71.2
74(9)	0.01235	46.2	72.8
55(8)	0.01563	46.2	74.5
64(9)	0.01235	46.2	76.3
72(9)	0.01235	46.2	78.3
72(9)	0.01235	46.2	80.4

74(9)	0.01235	46.2	82.6
64(9)	0.01235	46.3	85.0
101(11)	0.00826	46.3	87.4
91(10)	0.01000	46.3	90.0
62(9)	0.01235	46.3	92.7
96(11)	0.00826	46.3	95.5
90(10)	0.01000	46.3	98.3
89(10)	0.01000	46.3	101.2
98(11)	0.00826	46.3	104.1
105(11)	0.00826	46.3	107.1
108(11)	0.00826	46.3	110.0
101(11)	0.00826	46.4	112.9
105(11)	0.00826	46.4	115.6
99(11)	0.00826	46.4	118.3
116(12)	0.00694	46.4	120.7
133(13)	0.00592	46.4	122.8
130(12)	0.00694	46.4	124.6
157(14)	0.00510	46.4	126.0
129(12)	0.00694	46.4	127.1
141(13)	0.00592	46.4	127.7
135(13)	0.00592	46.5	127.8
123(12)	0.00694	46.5	127.5
135(13)	0.00592	46.5	126.8
128(12)	0.00694	46.5	125.6
119(12)	0.00694	46.5	124.0
104(11)	0.00826	46.5	122.1
110(11)	0.00826	46.5	119.9
105(11)	0.00826	46.5	117.5
100(11)	0.00826	46.5	114.9
96(11)	0.00826	46.6	112.2
88(10)	0.01000	46.6	109.4
92(11)	0.00826	46.6	106.6
81(10)	0.01000	46.6	103.7
86(10)	0.01000	46.6	100.9
72(9)	0.01235	46.6	98.1
60(8)	0.01563	46.6	95.4
83(10)	0.01000	46.6	92.8
78(10)	0.01000	46.6	90.2
62(9)	0.01235	46.6	87.8
84(10)	0.01000	46.7	85.5
63(9)	0.01235	46.7	83.3
62(9)	0.01235	46.7	81.3
69(9)	0.01235	46.7	79.3
60(9)	0.01235	46.7	77.5
61(9)	0.01235	46.7	75.8
56(8)	0.01563	46.7	74.2
62(9)	0.01235	46.7	72.7
59(8)	0.01563	46.7	71.4
70(9)	0.01235	46.8	70.1
65(9)	0.01235	46.8	69.0
43(7)	0.02041	46.8	67.9
64(9)	0.01235	46.8	67.0
73(9)	0.01235	46.8	66.1
59(8)	0.01563	46.8	65.3

68(9)	0.01235	46.8	64.6
53(8)	0.01563	46.8	63.9
56(8)	0.01563	46.8	63.4
47(8)	0.01563	46.9	62.9
51(8)	0.01563	46.9	62.4
50(8)	0.01563	46.9	62.0
40(7)	0.02041	46.9	61.7
47(8)	0.01563	46.9	61.4
62(9)	0.01235	46.9	61.1
52(8)	0.01563	46.9	60.9
50(8)	0.01563	46.9	60.8
67(9)	0.01235	46.9	60.7
51(8)	0.01563	47.0	60.6
60(8)	0.01563	47.0	60.6
52(8)	0.01563	47.0	60.6
66(9)	0.01235	47.0	60.6
43(7)	0.02041	47.0	60.7
56(8)	0.01563	47.0	60.8
56(8)	0.01563	47.0	61.0
48(8)	0.01563	47.0	61.3
63(9)	0.01235	47.0	61.6
63(9)	0.01235	47.1	61.9
66(9)	0.01235	47.1	62.3
49(8)	0.01563	47.1	62.8
51(8)	0.01563	47.1	63.3
64(9)	0.01235	47.1	63.9
41(7)	0.02041	47.1	64.6
68(9)	0.01235	47.1	65.4
60(8)	0.01563	47.1	66.2
64(9)	0.01235	47.1	67.1
67(9)	0.01235	47.1	68.2
69(9)	0.01235	47.2	69.3
63(9)	0.01235	47.2	70.5
66(9)	0.01235	47.2	71.8
62(9)	0.01235	47.2	73.2
83(10)	0.01000	47.2	74.6
71(9)	0.01235	47.2	76.2
62(9)	0.01235	47.2	77.8
92(10)	0.01000	47.2	79.6
75(10)	0.01000	47.2	81.3
77(10)	0.01000	47.3	83.2
83(10)	0.01000	47.3	85.0
85(10)	0.01000	47.3	86.9
71(9)	0.01235	47.3	88.8
96(11)	0.00826	47.3	90.7
92(10)	0.01000	47.3	92.6
77(10)	0.01000	47.3	94.5
110(11)	0.00826	47.3	96.3
77(10)	0.01000	47.3	98.0
110(11)	0.00826	47.4	99.5
97(11)	0.00826	47.4	100.9
126(12)	0.00694	47.4	102.1
103(11)	0.00826	47.4	103.1
114(12)	0.00694	47.4	103.8

116(12)	0.00694	47.4	104.3
110(11)	0.00826	47.4	104.4
106(11)	0.00826	47.4	104.1
94(11)	0.00826	47.4	103.6
96(11)	0.00826	47.5	102.8
100(11)	0.00826	47.5	101.7
102(11)	0.00826	47.5	100.3
92(11)	0.00826	47.5	98.8
80(10)	0.01000	47.5	97.1
79(10)	0.01000	47.5	95.2
82(10)	0.01000	47.5	93.4
57(8)	0.01563	47.5	91.5
73(9)	0.01235	47.5	89.5
69(9)	0.01235	47.6	87.6
80(10)	0.01000	47.6	85.8
78(10)	0.01000	47.6	84.0
80(10)	0.01000	47.6	82.3
84(10)	0.01000	47.6	80.7
55(8)	0.01563	47.6	79.2
79(10)	0.01000	47.6	77.9
66(9)	0.01235	47.6	76.6
67(9)	0.01235	47.6	75.4
52(8)	0.01563	47.7	74.4
69(9)	0.01235	47.7	73.5
57(8)	0.01563	47.7	72.7
56(8)	0.01563	47.7	72.0
64(9)	0.01235	47.7	71.5
80(10)	0.01000	47.7	71.0
65(9)	0.01235	47.7	70.7
52(8)	0.01563	47.7	70.5
51(8)	0.01563	47.7	70.4
64(9)	0.01235	47.7	70.4
63(9)	0.01235	47.8	70.6
58(8)	0.01563	47.8	70.8
65(9)	0.01235	47.8	71.2
49(8)	0.01563	47.8	71.6
63(9)	0.01235	47.8	72.2
53(8)	0.01563	47.8	72.9
81(10)	0.01000	47.8	73.7
65(9)	0.01235	47.8	74.6
74(9)	0.01235	47.8	75.6
69(9)	0.01235	47.9	76.7
71(9)	0.01235	47.9	77.9
80(10)	0.01000	47.9	79.3
94(11)	0.00826	47.9	80.7
62(9)	0.01235	47.9	82.3
72(9)	0.01235	47.9	83.9
75(9)	0.01235	47.9	85.7
66(9)	0.01235	47.9	87.5
91(10)	0.01000	47.9	89.5
91(10)	0.01000	48.0	91.5
89(10)	0.01000	48.0	93.6
112(12)	0.00694	48.0	95.7
84(10)	0.01000	48.0	97.9

110(11)	0.00826	48.0	100.1
95(11)	0.00826	48.0	102.3
100(11)	0.00826	48.0	104.4
95(11)	0.00826	48.0	106.6
111(12)	0.00694	48.0	108.7
104(11)	0.00826	48.1	110.8
103(11)	0.00826	48.1	112.7
121(12)	0.00694	48.1	114.6
127(12)	0.00694	48.1	116.5
97(11)	0.00826	48.1	118.2
102(11)	0.00826	48.1	119.8
117(12)	0.00694	48.1	121.3
140(13)	0.00592	48.1	122.7
99(11)	0.00826	48.1	123.9
101(11)	0.00826	48.2	125.1
113(12)	0.00694	48.2	126.1
121(12)	0.00694	48.2	127.1
118(12)	0.00694	48.2	127.9
95(11)	0.00826	48.2	128.7
132(13)	0.00592	48.2	129.4
126(12)	0.00694	48.2	130.0
125(12)	0.00694	48.2	130.6
108(11)	0.00826	48.2	131.2
103(11)	0.00826	48.2	131.6
132(13)	0.00592	48.3	132.1
101(11)	0.00826	48.3	132.4
126(12)	0.00694	48.3	132.7
142(13)	0.00592	48.3	132.9
134(13)	0.00592	48.3	132.9
125(12)	0.00694	48.3	132.7
126(12)	0.00694	48.3	132.4
116(12)	0.00694	48.3	131.8
117(12)	0.00694	48.3	131.0
109(11)	0.00826	48.4	129.9
102(11)	0.00826	48.4	128.6
112(12)	0.00694	48.4	127.1
111(12)	0.00694	48.4	125.2
128(12)	0.00694	48.4	123.3
132(13)	0.00592	48.4	121.2
117(12)	0.00694	48.4	119.0
114(12)	0.00694	48.4	116.8
108(11)	0.00826	48.4	114.4
96(11)	0.00826	48.5	112.1
122(12)	0.00694	48.5	109.8
101(11)	0.00826	48.5	107.6
87(10)	0.01000	48.5	105.4
93(11)	0.00826	48.5	103.3
81(10)	0.01000	48.5	101.3
86(10)	0.01000	48.5	99.5
86(10)	0.01000	48.5	97.8
92(11)	0.00826	48.5	96.2
86(10)	0.01000	48.6	94.8
73(9)	0.01235	48.6	93.6
94(11)	0.00826	48.6	92.6

80(10)	0.01000	48.6	91.7
94(11)	0.00826	48.6	91.0
65(9)	0.01235	48.6	90.5
96(11)	0.00826	48.6	90.2
92(11)	0.00826	48.6	90.1
74(9)	0.01235	48.6	90.2
71(9)	0.01235	48.6	90.5
93(11)	0.00826	48.7	90.9
87(10)	0.01000	48.7	91.6
96(11)	0.00826	48.7	92.4
83(10)	0.01000	48.7	93.5
85(10)	0.01000	48.7	94.7
98(11)	0.00826	48.7	96.1
103(11)	0.00826	48.7	97.7
112(12)	0.00694	48.7	99.4
77(10)	0.01000	48.7	101.2
91(10)	0.01000	48.8	103.2
124(12)	0.00694	48.8	105.3
90(10)	0.01000	48.8	107.5
96(11)	0.00826	48.8	109.7
92(10)	0.01000	48.8	112.0
123(12)	0.00694	48.8	114.2
133(13)	0.00592	48.8	116.4
132(13)	0.00592	48.8	118.6
111(12)	0.00694	48.8	120.6
115(12)	0.00694	48.9	122.5
129(12)	0.00694	48.9	124.1
116(12)	0.00694	48.9	125.6
107(11)	0.00826	48.9	126.8
109(11)	0.00826	48.9	127.7
116(12)	0.00694	48.9	128.2
130(12)	0.00694	48.9	128.4
126(12)	0.00694	48.9	128.1
125(12)	0.00694	48.9	127.4
121(12)	0.00694	48.9	126.3
115(12)	0.00694	49.0	124.8
106(11)	0.00826	49.0	123.0
105(11)	0.00826	49.0	120.9
100(11)	0.00826	49.0	118.4
89(10)	0.01000	49.0	115.8
99(11)	0.00826	49.0	113.0
85(10)	0.01000	49.0	110.2
104(11)	0.00826	49.0	107.2
97(11)	0.00826	49.0	104.2
83(10)	0.01000	49.1	101.2
117(12)	0.00694	49.1	98.3
70(9)	0.01235	49.1	95.5
102(11)	0.00826	49.1	92.8
88(10)	0.01000	49.1	90.1
72(9)	0.01235	49.1	87.6
71(9)	0.01235	49.1	85.2
80(10)	0.01000	49.1	83.0
68(9)	0.01235	49.1	80.9
84(10)	0.01000	49.2	78.9

78(10)	0.01000	49.2	77.0
73(9)	0.01235	49.2	75.3
62(9)	0.01235	49.2	73.7
69(9)	0.01235	49.2	72.3
63(9)	0.01235	49.2	70.9
74(9)	0.01235	49.2	69.7
71(9)	0.01235	49.2	68.6
66(9)	0.01235	49.2	67.6
81(10)	0.01000	49.2	66.7
71(9)	0.01235	49.3	65.8
62(9)	0.01235	49.3	65.1
65(9)	0.01235	49.3	64.4
62(9)	0.01235	49.3	63.8
60(9)	0.01235	49.3	63.3
61(9)	0.01235	49.3	62.8
58(8)	0.01563	49.3	62.4
66(9)	0.01235	49.3	62.1
36(7)	0.02041	49.3	61.8
51(8)	0.01563	49.4	61.5
57(8)	0.01563	49.4	61.3
46(7)	0.02041	49.4	61.1
49(8)	0.01563	49.4	61.0
57(8)	0.01563	49.4	60.9
74(9)	0.01235	49.4	60.9
74(9)	0.01235	49.4	60.9
84(10)	0.01000	49.4	61.0
57(8)	0.01563	49.4	61.1
55(8)	0.01563	49.4	61.3
53(8)	0.01563	49.5	61.5
48(8)	0.01563	49.5	61.8
68(9)	0.01235	49.5	62.1
55(8)	0.01563	49.5	62.6
55(8)	0.01563	49.5	63.0
57(8)	0.01563	49.5	63.6
50(8)	0.01563	49.5	64.2
53(8)	0.01563	49.5	64.9
58(8)	0.01563	49.5	65.7
55(8)	0.01563	49.6	66.5
71(9)	0.01235	49.6	67.4
62(9)	0.01235	49.6	68.4
67(9)	0.01235	49.6	69.4
73(9)	0.01235	49.6	70.4
59(8)	0.01563	49.6	71.5
82(10)	0.01000	49.6	72.6
65(9)	0.01235	49.6	73.7
82(10)	0.01000	49.6	74.8
76(10)	0.01000	49.6	75.8
77(10)	0.01000	49.7	76.8
60(9)	0.01235	49.7	77.7
90(10)	0.01000	49.7	78.5
68(9)	0.01235	49.7	79.1
69(9)	0.01235	49.7	79.5
60(9)	0.01235	49.7	79.7
103(11)	0.00826	49.7	79.8

66(9)	0.01235	49.7	79.6
69(9)	0.01235	49.7	79.3
62(9)	0.01235	49.7	78.7
55(8)	0.01563	49.8	77.9
81(10)	0.01000	49.8	77.1
76(10)	0.01000	49.8	76.1
79(10)	0.01000	49.8	75.0
54(8)	0.01563	49.8	73.9
56(8)	0.01563	49.8	72.7
72(9)	0.01235	49.8	71.5
67(9)	0.01235	49.8	70.3
55(8)	0.01563	49.8	69.2
52(8)	0.01563	49.9	68.1
58(8)	0.01563	49.9	67.0
53(8)	0.01563	49.9	66.0
42(7)	0.02041	49.9	65.0
54(8)	0.01563	49.9	64.1
62(9)	0.01235	49.9	63.3
45(7)	0.02041	49.9	62.5
68(9)	0.01235	49.9	61.8
47(8)	0.01563	49.9	61.1
67(9)	0.01235	49.9	60.6
55(8)	0.01563	50.0	60.0
53(8)	0.01563	50.0	59.6
54(8)	0.01563	50.0	59.2
62(9)	0.01235	50.0	58.8
59(8)	0.01563	50.0	58.5
47(8)	0.01563	50.0	58.2
56(8)	0.01563	50.0	58.0
62(9)	0.01235	50.0	57.8
43(7)	0.02041	50.0	57.6
66(9)	0.01235	50.0	57.4
49(8)	0.01563	50.1	57.3
51(8)	0.01563	50.1	57.2
48(8)	0.01563	50.1	57.2
43(7)	0.02041	50.1	57.2
52(8)	0.01563	50.1	57.1
47(8)	0.01563	50.1	57.1
41(7)	0.02041	50.1	57.1
45(7)	0.02041	50.1	57.1
61(9)	0.01235	50.1	57.2
44(7)	0.02041	50.1	57.2
44(7)	0.02041	50.2	57.3
53(8)	0.01563	50.2	57.3
45(7)	0.02041	50.2	57.4
63(9)	0.01235	50.2	57.5
42(7)	0.02041	50.2	57.6
55(8)	0.01563	50.2	57.8
47(8)	0.01563	50.2	57.9
53(8)	0.01563	50.2	58.0
54(8)	0.01563	50.2	58.2
55(8)	0.01563	50.3	58.4
49(8)	0.01563	50.3	58.6
64(9)	0.01235	50.3	58.8

54(8)	0.01563	50.3	59.0
52(8)	0.01563	50.3	59.2
59(8)	0.01563	50.3	59.5
53(8)	0.01563	50.3	59.7
44(7)	0.02041	50.3	60.0
68(9)	0.01235	50.3	60.3
54(8)	0.01563	50.3	60.6
62(9)	0.01235	50.4	60.9
54(8)	0.01563	50.4	61.2
63(9)	0.01235	50.4	61.5
55(8)	0.01563	50.4	61.8
43(7)	0.02041	50.4	62.1
61(9)	0.01235	50.4	62.4
73(9)	0.01235	50.4	62.7
53(8)	0.01563	50.4	62.9
63(9)	0.01235	50.4	63.2
40(7)	0.02041	50.4	63.4
75(10)	0.01000	50.5	63.6
41(7)	0.02041	50.5	63.8
54(8)	0.01563	50.5	63.9
63(9)	0.01235	50.5	64.0
56(8)	0.01563	50.5	64.1
54(8)	0.01563	50.5	64.1
44(7)	0.02041	50.5	64.2
48(8)	0.01563	50.5	64.1
74(9)	0.01235	50.5	64.1
58(8)	0.01563	50.5	64.0
53(8)	0.01563	50.6	63.9
58(8)	0.01563	50.6	63.8
57(8)	0.01563	50.6	63.6
49(8)	0.01563	50.6	63.5
53(8)	0.01563	50.6	63.4
70(9)	0.01235	50.6	63.2
56(8)	0.01563	50.6	63.1
64(9)	0.01235	50.6	63.0
54(8)	0.01563	50.6	62.9
44(7)	0.02041	50.6	62.8
54(8)	0.01563	50.6	62.7
48(8)	0.01563	50.7	62.6
42(7)	0.02041	50.7	62.6
65(9)	0.01235	50.7	62.6
59(8)	0.01563	50.7	62.6
40(7)	0.02041	50.7	62.6
59(8)	0.01563	50.7	62.7
57(8)	0.01563	50.7	62.8
70(9)	0.01235	50.7	62.9
75(10)	0.01000	50.7	63.1
57(8)	0.01563	50.7	63.3
59(8)	0.01563	50.8	63.6
63(9)	0.01235	50.8	63.9
54(8)	0.01563	50.8	64.2
73(9)	0.01235	50.8	64.6
63(9)	0.01235	50.8	65.1
68(9)	0.01235	50.8	65.6

75(10)	0.01000	50.8	66.2
66(9)	0.01235	50.8	66.8
81(10)	0.01000	50.8	67.5
82(10)	0.01000	50.8	68.3
68(9)	0.01235	50.9	69.2
76(10)	0.01000	50.9	70.1
57(8)	0.01563	50.9	71.2
69(9)	0.01235	50.9	72.3
80(10)	0.01000	50.9	73.5
74(9)	0.01235	50.9	74.8
78(10)	0.01000	50.9	76.2
89(10)	0.01000	50.9	77.7
63(9)	0.01235	50.9	79.2
91(11)	0.00826	50.9	80.9
82(10)	0.01000	50.9	82.6
88(10)	0.01000	51.0	84.5
94(11)	0.00826	51.0	86.4
89(10)	0.01000	51.0	88.3
109(11)	0.00826	51.0	90.3
90(10)	0.01000	51.0	92.4
86(10)	0.01000	51.0	94.5
124(12)	0.00694	51.0	96.6
112(12)	0.00694	51.0	98.6
92(11)	0.00826	51.0	100.7
95(11)	0.00826	51.0	102.6
131(13)	0.00592	51.1	104.4
125(12)	0.00694	51.1	106.1
133(13)	0.00592	51.1	107.6
139(13)	0.00592	51.1	108.9
153(14)	0.00510	51.1	109.9
134(13)	0.00592	51.1	110.7
131(13)	0.00592	51.1	111.1
159(14)	0.00510	51.1	111.3
157(14)	0.00510	51.1	111.2
126(12)	0.00694	51.1	110.8
158(14)	0.00510	51.1	110.1
142(13)	0.00592	51.2	109.1
131(13)	0.00592	51.2	107.9
104(11)	0.00826	51.2	106.5
135(13)	0.00592	51.2	104.9
94(11)	0.00826	51.2	103.2
104(11)	0.00826	51.2	101.4
108(11)	0.00826	51.2	99.5
98(11)	0.00826	51.2	97.6
102(11)	0.00826	51.2	95.7
105(11)	0.00826	51.2	93.8
95(11)	0.00826	51.3	91.9
121(12)	0.00694	51.3	90.1
83(10)	0.01000	51.3	88.3
83(10)	0.01000	51.3	86.7
97(11)	0.00826	51.3	85.1
70(9)	0.01235	51.3	83.6
96(11)	0.00826	51.3	82.2
93(11)	0.00826	51.3	80.9

72(9)	0.01235	51.3	79.7
82(10)	0.01000	51.3	78.6
78(10)	0.01000	51.3	77.6
80(10)	0.01000	51.4	76.8
74(10)	0.01000	51.4	76.0
67(9)	0.01235	51.4	75.3
80(10)	0.01000	51.4	74.7
61(9)	0.01235	51.4	74.2
80(10)	0.01000	51.4	73.8
78(10)	0.01000	51.4	73.5
60(8)	0.01563	51.4	73.3
66(9)	0.01235	51.4	73.2
65(9)	0.01235	51.4	73.2
64(9)	0.01235	51.4	73.2
90(10)	0.01000	51.5	73.4
70(9)	0.01235	51.5	73.6
66(9)	0.01235	51.5	74.0
56(8)	0.01563	51.5	74.4
64(9)	0.01235	51.5	75.0
77(10)	0.01000	51.5	75.6
75(10)	0.01000	51.5	76.3
72(9)	0.01235	51.5	77.2
76(10)	0.01000	51.5	78.1
61(9)	0.01235	51.5	79.2
70(9)	0.01235	51.5	80.4
66(9)	0.01235	51.6	81.7
76(10)	0.01000	51.6	83.1
81(10)	0.01000	51.6	84.6
82(10)	0.01000	51.6	86.3
87(10)	0.01000	51.6	88.1
81(10)	0.01000	51.6	90.0
68(9)	0.01235	51.6	92.1
70(9)	0.01235	51.6	94.3
79(10)	0.01000	51.6	96.6
65(9)	0.01235	51.6	99.0
99(11)	0.00826	51.6	101.7
93(11)	0.00826	51.6	104.3
93(11)	0.00826	51.7	107.2
84(10)	0.01000	51.7	110.1
108(11)	0.00826	51.7	113.1
89(10)	0.01000	51.7	116.1
89(10)	0.01000	51.7	119.2
106(11)	0.00826	51.7	122.4
97(11)	0.00826	51.7	125.5
94(11)	0.00826	51.7	128.5
105(11)	0.00826	51.7	131.5
85(10)	0.01000	51.7	134.3
104(11)	0.00826	51.7	136.9
113(12)	0.00694	51.8	139.3
120(12)	0.00694	51.8	141.4
117(12)	0.00694	51.8	143.1
115(12)	0.00694	51.8	144.5
86(10)	0.01000	51.8	145.4
99(11)	0.00826	51.8	145.9

94(11)	0.00826	51.8	145.9
117(12)	0.00694	51.8	145.5
117(12)	0.00694	51.8	144.6
112(12)	0.00694	51.8	143.4
130(13)	0.00592	51.8	141.7
96(11)	0.00826	51.8	139.7
103(11)	0.00826	51.9	137.5
112(12)	0.00694	51.9	135.1
110(12)	0.00694	51.9	132.5
80(10)	0.01000	51.9	129.9
114(12)	0.00694	51.9	127.1
98(11)	0.00826	51.9	124.3
85(10)	0.01000	51.9	121.5
101(11)	0.00826	51.9	118.7
83(10)	0.01000	51.9	116.0
91(10)	0.01000	51.9	113.3
88(10)	0.01000	51.9	110.7
82(10)	0.01000	51.9	108.2
88(10)	0.01000	52.0	105.7
88(10)	0.01000	52.0	103.4
77(10)	0.01000	52.0	101.2
95(11)	0.00826	52.0	99.0
73(9)	0.01235	52.0	96.9
73(9)	0.01235	52.0	95.0
100(11)	0.00826	52.0	93.1
71(9)	0.01235	52.0	91.2
85(10)	0.01000	52.0	89.5
56(8)	0.01563	52.0	87.8
65(9)	0.01235	52.0	86.3
70(9)	0.01235	52.0	84.8
69(9)	0.01235	52.1	83.3
68(9)	0.01235	52.1	82.0
69(9)	0.01235	52.1	80.7
80(10)	0.01000	52.1	79.5
57(8)	0.01563	52.1	78.4
52(8)	0.01563	52.1	77.4
76(10)	0.01000	52.1	76.5
62(9)	0.01235	52.1	75.6
69(9)	0.01235	52.1	74.8
71(9)	0.01235	52.1	74.0
52(8)	0.01563	52.1	73.3
78(10)	0.01000	52.1	72.7
58(8)	0.01563	52.2	72.1
67(9)	0.01235	52.2	71.6
70(9)	0.01235	52.2	71.2
67(9)	0.01235	52.2	70.8
64(9)	0.01235	52.2	70.5
54(8)	0.01563	52.2	70.2
73(9)	0.01235	52.2	69.9
57(8)	0.01563	52.2	69.7
62(9)	0.01235	52.2	69.5
66(9)	0.01235	52.2	69.4
53(8)	0.01563	52.2	69.3
65(9)	0.01235	52.2	69.2

69(9)	0.01235	52.2	69.2
58(8)	0.01563	52.3	69.1
69(9)	0.01235	52.3	69.1
58(8)	0.01563	52.3	69.1
65(9)	0.01235	52.3	69.1
60(9)	0.01235	52.3	69.2
61(9)	0.01235	52.3	69.2
73(9)	0.01235	52.3	69.2
64(9)	0.01235	52.3	69.2
71(9)	0.01235	52.3	69.1
64(9)	0.01235	52.3	69.1
70(9)	0.01235	52.3	69.1
72(9)	0.01235	52.3	69.0
48(8)	0.01563	52.4	69.0
64(9)	0.01235	52.4	68.9
64(9)	0.01235	52.4	68.8
74(9)	0.01235	52.4	68.7
64(9)	0.01235	52.4	68.5
57(8)	0.01563	52.4	68.4
47(8)	0.01563	52.4	68.3
67(9)	0.01235	52.4	68.2
83(10)	0.01000	52.4	68.1
62(9)	0.01235	52.4	67.9
53(8)	0.01563	52.4	67.8
53(8)	0.01563	52.4	67.7
63(9)	0.01235	52.4	67.5
59(8)	0.01563	52.4	67.4
63(9)	0.01235	52.5	67.2
61(9)	0.01235	52.5	67.1
56(8)	0.01563	52.5	66.9
53(8)	0.01563	52.5	66.7
67(9)	0.01235	52.5	66.6
57(8)	0.01563	52.5	66.4
61(9)	0.01235	52.5	66.3
63(9)	0.01235	52.5	66.1
67(9)	0.01235	52.5	65.9
67(9)	0.01235	52.5	65.8
63(9)	0.01235	52.5	65.7
49(8)	0.01563	52.5	65.6
41(7)	0.02041	52.5	65.5
63(9)	0.01235	52.6	65.4
70(9)	0.01235	52.6	65.4
57(8)	0.01563	52.6	65.3
68(9)	0.01235	52.6	65.3
47(8)	0.01563	52.6	65.3
71(9)	0.01235	52.6	65.4
49(8)	0.01563	52.6	65.4
58(8)	0.01563	52.6	65.5
52(8)	0.01563	52.6	65.6
60(9)	0.01235	52.6	65.7
53(8)	0.01563	52.6	65.9
59(8)	0.01563	52.6	66.1
52(8)	0.01563	52.6	66.3
54(8)	0.01563	52.6	66.5

56(8)	0.01563	52.7	66.8
49(8)	0.01563	52.7	67.1
60(9)	0.01235	52.7	67.5
57(8)	0.01563	52.7	67.8
62(9)	0.01235	52.7	68.3
63(9)	0.01235	52.7	68.7
68(9)	0.01235	52.7	69.2
48(8)	0.01563	52.7	69.7
61(9)	0.01235	52.7	70.3
49(8)	0.01563	52.7	70.9
61(9)	0.01235	52.7	71.6
69(9)	0.01235	52.7	72.4
46(7)	0.02041	52.7	73.2
69(9)	0.01235	52.7	74.0
48(8)	0.01563	52.8	75.0
86(10)	0.01000	52.8	76.0
63(9)	0.01235	52.8	77.1
54(8)	0.01563	52.8	78.3
68(9)	0.01235	52.8	79.6
64(9)	0.01235	52.8	80.9
64(9)	0.01235	52.8	82.4
65(9)	0.01235	52.8	84.0
80(10)	0.01000	52.8	85.7
69(9)	0.01235	52.8	87.5
71(9)	0.01235	52.8	89.5
60(9)	0.01235	52.8	91.5
69(9)	0.01235	52.8	93.7
87(10)	0.01000	52.8	96.1
90(10)	0.01000	52.8	98.5
91(11)	0.00826	52.9	101.1
77(10)	0.01000	52.9	103.8
104(11)	0.00826	52.9	106.6
82(10)	0.01000	52.9	109.5
96(11)	0.00826	52.9	112.5
104(11)	0.00826	52.9	115.6
85(10)	0.01000	52.9	118.7
111(12)	0.00694	52.9	121.9
124(12)	0.00694	52.9	125.1
123(12)	0.00694	52.9	128.4
114(12)	0.00694	52.9	131.6
113(12)	0.00694	52.9	134.7
137(13)	0.00592	52.9	137.8
140(13)	0.00592	52.9	140.7
158(14)	0.00510	52.9	143.4
144(13)	0.00592	52.9	145.9
138(13)	0.00592	53.0	148.2
146(13)	0.00592	53.0	150.2
173(14)	0.00510	53.0	151.8
171(14)	0.00510	53.0	153.1
166(14)	0.00510	53.0	154.0
157(14)	0.00510	53.0	154.5
217(16)	0.00391	53.0	154.5
177(15)	0.00444	53.0	154.1
161(14)	0.00510	53.0	153.2

163(14)	0.00510	53.0	151.9
195(15)	0.00444	53.0	150.2
128(13)	0.00592	53.0	148.1
160(14)	0.00510	53.0	145.7
165(14)	0.00510	53.0	143.0
154(14)	0.00510	53.0	140.2
156(14)	0.00510	53.0	137.1
120(12)	0.00694	53.1	134.0
133(13)	0.00592	53.1	130.8
122(12)	0.00694	53.1	127.7
112(12)	0.00694	53.1	124.5
126(12)	0.00694	53.1	121.4
103(11)	0.00826	53.1	118.4
106(11)	0.00826	53.1	115.5
115(12)	0.00694	53.1	112.7
85(10)	0.01000	53.1	110.1
68(9)	0.01235	53.1	107.6
91(11)	0.00826	53.1	105.3
83(10)	0.01000	53.1	103.1
85(10)	0.01000	53.1	101.1
72(9)	0.01235	53.1	99.2
69(9)	0.01235	53.1	97.6
92(11)	0.00826	53.1	96.1
84(10)	0.01000	53.1	94.8
71(9)	0.01235	53.2	93.7
71(9)	0.01235	53.2	92.7
77(10)	0.01000	53.2	91.9
77(10)	0.01000	53.2	91.2
78(10)	0.01000	53.2	90.7
58(8)	0.01563	53.2	90.3
57(8)	0.01563	53.2	90.1
80(10)	0.01000	53.2	90.0
79(10)	0.01000	53.2	90.1
99(11)	0.00826	53.2	90.2
73(9)	0.01235	53.2	90.5
76(10)	0.01000	53.2	90.9
66(9)	0.01235	53.2	91.4
65(9)	0.01235	53.2	92.0
72(9)	0.01235	53.2	92.7
58(8)	0.01563	53.2	93.4
80(10)	0.01000	53.2	94.3
72(9)	0.01235	53.2	95.1
73(9)	0.01235	53.3	96.0
82(10)	0.01000	53.3	97.0
87(10)	0.01000	53.3	97.9
79(10)	0.01000	53.3	98.9
91(11)	0.00826	53.3	99.8
77(10)	0.01000	53.3	100.7
98(11)	0.00826	53.3	101.5
82(10)	0.01000	53.3	102.3
84(10)	0.01000	53.3	103.0
76(10)	0.01000	53.3	103.6
81(10)	0.01000	53.3	104.1
87(10)	0.01000	53.3	104.5

82(10)	0.01000	53.3	104.7
85(10)	0.01000	53.3	104.9
85(10)	0.01000	53.3	105.0
86(10)	0.01000	53.3	105.0
99(11)	0.00826	53.3	104.8
76(10)	0.01000	53.3	104.6
88(10)	0.01000	53.3	104.3
102(11)	0.00826	53.4	103.9
64(9)	0.01235	53.4	103.4
82(10)	0.01000	53.4	102.8
77(10)	0.01000	53.4	102.2
88(10)	0.01000	53.4	101.5
75(10)	0.01000	53.4	100.8
71(9)	0.01235	53.4	100.0
85(10)	0.01000	53.4	99.2
78(10)	0.01000	53.4	98.3
70(9)	0.01235	53.4	97.5
89(10)	0.01000	53.4	96.7
74(9)	0.01235	53.4	95.8
84(10)	0.01000	53.4	95.1
96(11)	0.00826	53.4	94.4
89(10)	0.01000	53.4	93.7
81(10)	0.01000	53.4	93.0
88(10)	0.01000	53.4	92.4
86(10)	0.01000	53.4	91.9
88(10)	0.01000	53.4	91.5
71(9)	0.01235	53.4	91.2
84(10)	0.01000	53.4	90.9
66(9)	0.01235	53.4	90.8
73(9)	0.01235	53.5	90.9
67(9)	0.01235	53.5	91.0
85(10)	0.01000	53.5	91.3
66(9)	0.01235	53.5	91.7
75(10)	0.01000	53.5	92.2
73(9)	0.01235	53.5	92.9
75(10)	0.01000	53.5	93.7
91(11)	0.00826	53.5	94.7
90(10)	0.01000	53.5	95.8
86(10)	0.01000	53.5	97.1
77(10)	0.01000	53.5	98.5
85(10)	0.01000	53.5	100.0
91(11)	0.00826	53.5	101.7
90(11)	0.00826	53.5	103.5
110(12)	0.00694	53.5	105.4
109(12)	0.00694	53.5	107.5
92(11)	0.00826	53.5	109.6
100(11)	0.00826	53.5	111.9
118(12)	0.00694	53.5	114.2
112(12)	0.00694	53.5	116.6
117(12)	0.00694	53.5	119.0
111(12)	0.00694	53.5	121.4
134(13)	0.00592	53.5	123.7
122(12)	0.00694	53.6	126.0
155(14)	0.00510	53.6	128.2

152(14)	0.00510	53.6	130.3
137(13)	0.00592	53.6	132.1
157(14)	0.00510	53.6	133.8
141(13)	0.00592	53.6	135.2
145(13)	0.00592	53.6	136.3
170(14)	0.00510	53.6	137.2
161(14)	0.00510	53.6	137.8
138(13)	0.00592	53.6	138.2
154(14)	0.00510	53.6	138.3
148(13)	0.00592	53.6	138.2
141(13)	0.00592	53.6	137.9
143(13)	0.00592	53.6	137.6
136(13)	0.00592	53.6	137.1
131(13)	0.00592	53.6	136.7
139(13)	0.00592	53.6	136.2
125(12)	0.00694	53.6	135.8
141(13)	0.00592	53.6	135.4
129(13)	0.00592	53.6	135.2
137(13)	0.00592	53.6	135.1
122(12)	0.00694	53.6	135.2
149(14)	0.00510	53.6	135.4
134(13)	0.00592	53.6	135.8
141(13)	0.00592	53.6	136.3
118(12)	0.00694	53.6	137.0
138(13)	0.00592	53.6	137.9
133(13)	0.00592	53.6	138.9
123(12)	0.00694	53.7	140.0
139(13)	0.00592	53.7	141.2
139(13)	0.00592	53.7	142.5
127(12)	0.00694	53.7	143.8
139(13)	0.00592	53.7	145.1
132(13)	0.00592	53.7	146.4
143(13)	0.00592	53.7	147.5
117(12)	0.00694	53.7	148.5
162(14)	0.00510	53.7	149.3
129(13)	0.00592	53.7	149.9
143(13)	0.00592	53.7	150.2
145(13)	0.00592	53.7	150.2
143(13)	0.00592	53.7	149.9
152(14)	0.00510	53.7	149.3
140(13)	0.00592	53.7	148.4
160(14)	0.00510	53.7	147.2
120(12)	0.00694	53.7	145.6
156(14)	0.00510	53.7	143.8
138(13)	0.00592	53.7	141.8
112(12)	0.00694	53.7	139.6
125(12)	0.00694	53.7	137.3
94(11)	0.00826	53.7	134.9
142(13)	0.00592	53.7	132.4
134(13)	0.00592	53.7	129.8
149(14)	0.00510	53.7	127.3
127(12)	0.00694	53.7	124.9
127(12)	0.00694	53.7	122.5
109(12)	0.00694	53.7	120.2

106(11)	0.00826	53.7	118.0
101(11)	0.00826	53.7	115.9
102(11)	0.00826	53.7	114.0
101(11)	0.00826	53.7	112.2
108(11)	0.00826	53.7	110.6
104(11)	0.00826	53.7	109.1
111(12)	0.00694	53.7	107.8
78(10)	0.01000	53.8	106.7
97(11)	0.00826	53.8	105.7
85(10)	0.01000	53.8	104.9
95(11)	0.00826	53.8	104.2
105(11)	0.00826	53.8	103.7
112(12)	0.00694	53.8	103.3
107(11)	0.00826	53.8	103.0
105(11)	0.00826	53.8	102.8
89(10)	0.01000	53.8	102.8
110(12)	0.00694	53.8	102.9
115(12)	0.00694	53.8	103.0
100(11)	0.00826	53.8	103.2
85(10)	0.01000	53.8	103.5
105(11)	0.00826	53.8	103.9
112(12)	0.00694	53.8	104.3
102(11)	0.00826	53.8	104.8
106(11)	0.00826	53.8	105.3
88(10)	0.01000	53.8	106.0
107(11)	0.00826	53.8	106.8
101(11)	0.00826	53.8	107.7
93(11)	0.00826	53.8	108.7
108(12)	0.00694	53.8	109.8
98(11)	0.00826	53.8	111.1
105(11)	0.00826	53.8	112.4
132(13)	0.00592	53.8	113.9
116(12)	0.00694	53.8	115.5
129(13)	0.00592	53.8	117.2
129(13)	0.00592	53.8	118.9
122(12)	0.00694	53.8	120.7
148(13)	0.00592	53.8	122.5
125(12)	0.00694	53.8	124.2
163(14)	0.00510	53.8	125.9
125(12)	0.00694	53.8	127.4
120(12)	0.00694	53.8	128.8
133(13)	0.00592	53.8	130.0
131(13)	0.00592	53.8	130.9
144(13)	0.00592	53.8	131.7
131(13)	0.00592	53.8	132.2
120(12)	0.00694	53.8	132.5
154(14)	0.00510	53.8	132.6
135(13)	0.00592	53.8	132.6
129(13)	0.00592	53.8	132.6
124(12)	0.00694	53.8	132.6
142(13)	0.00592	53.8	132.6
134(13)	0.00592	53.8	132.8
119(12)	0.00694	53.8	133.1
121(12)	0.00694	53.8	133.7

134(13)	0.00592	53.8	134.5
125(12)	0.00694	53.8	135.6
135(13)	0.00592	53.8	137.1
149(14)	0.00510	53.8	138.8
142(13)	0.00592	53.8	141.0
140(13)	0.00592	53.8	143.5
141(13)	0.00592	53.8	146.2
159(14)	0.00510	53.8	149.4
148(13)	0.00592	53.8	152.9
160(14)	0.00510	53.8	156.6
155(14)	0.00510	53.8	160.6
160(14)	0.00510	53.8	164.7
176(15)	0.00444	53.8	169.0
174(15)	0.00444	53.8	173.3
215(16)	0.00391	53.8	177.5
218(16)	0.00391	53.8	181.5
196(15)	0.00444	53.8	185.3
230(17)	0.003460	53.8	188.8
224(17)	0.003460	53.9	191.7
218(16)	0.00391	53.9	194.0
225(17)	0.003460	53.9	195.6
224(17)	0.003460	53.9	196.4
218(16)	0.00391	53.9	196.4
231(17)	0.003460	53.9	195.5
221(16)	0.00391	53.9	193.9
200(16)	0.00391	53.9	191.4
190(15)	0.00444	53.9	188.3
186(15)	0.00444	53.9	184.5
152(14)	0.00510	53.9	180.2
147(13)	0.00592	53.9	175.5
132(13)	0.00592	53.9	170.6
141(13)	0.00592	53.9	165.5
127(12)	0.00694	53.9	160.2
131(13)	0.00592	53.9	155.0
140(13)	0.00592	53.9	149.8
121(12)	0.00694	53.9	144.7
103(11)	0.00826	53.9	139.8
131(13)	0.00592	53.9	135.1
129(13)	0.00592	53.9	130.6
104(11)	0.00826	53.9	126.4
95(11)	0.00826	53.9	122.5
94(11)	0.00826	53.9	118.8
97(11)	0.00826	53.9	115.4
76(10)	0.01000	53.9	112.3
92(11)	0.00826	53.9	109.4
77(10)	0.01000	53.9	106.9
81(10)	0.01000	53.9	104.6
73(9)	0.01235	53.9	102.6
86(10)	0.01000	53.9	100.8
89(10)	0.01000	53.9	99.2
76(10)	0.01000	53.9	97.9
79(10)	0.01000	53.9	96.7
96(11)	0.00826	53.9	95.7
82(10)	0.01000	53.9	94.9

97(11)	0.00826	53.9	94.2
87(10)	0.01000	53.9	93.6
88(10)	0.01000	53.9	93.1
72(9)	0.01235	53.8	92.7
96(11)	0.00826	53.8	92.4
79(10)	0.01000	53.8	92.1
93(11)	0.00826	53.8	91.9
92(11)	0.00826	53.8	91.6
90(10)	0.01000	53.8	91.4
82(10)	0.01000	53.8	91.2
93(11)	0.00826	53.8	91.0
78(10)	0.01000	53.8	90.7
91(11)	0.00826	53.8	90.5
78(10)	0.01000	53.8	90.2
79(10)	0.01000	53.8	89.9
79(10)	0.01000	53.8	89.5
88(10)	0.01000	53.8	89.1
71(9)	0.01235	53.8	88.7
81(10)	0.01000	53.8	88.2
88(10)	0.01000	53.8	87.8
78(10)	0.01000	53.8	87.3
85(10)	0.01000	53.8	86.8
84(10)	0.01000	53.8	86.4
68(9)	0.01235	53.8	85.9
75(10)	0.01000	53.8	85.4
83(10)	0.01000	53.8	85.0
89(10)	0.01000	53.8	84.5
93(11)	0.00826	53.8	84.1
90(11)	0.00826	53.8	83.7
84(10)	0.01000	53.8	83.3
107(11)	0.00826	53.8	82.9
95(11)	0.00826	53.8	82.5
89(10)	0.01000	53.8	82.1
78(10)	0.01000	53.8	81.7
98(11)	0.00826	53.8	81.4
66(9)	0.01235	53.8	81.0
73(10)	0.01000	53.8	80.7
77(10)	0.01000	53.8	80.3
82(10)	0.01000	53.8	80.0
76(10)	0.01000	53.8	79.7
76(10)	0.01000	53.8	79.5
60(9)	0.01235	53.8	79.3
90(11)	0.00826	53.8	79.1
59(9)	0.01235	53.8	78.9
63(9)	0.01235	53.8	78.8
66(9)	0.01235	53.8	78.7
78(10)	0.01000	53.8	78.7
55(8)	0.01563	53.8	78.7
58(8)	0.01563	53.8	78.7
68(9)	0.01235	53.8	78.7
54(8)	0.01563	53.8	78.8
65(9)	0.01235	53.8	78.9
57(8)	0.01563	53.8	79.0
69(9)	0.01235	53.8	79.1

57(8)	0.01563	53.8	79.3
55(8)	0.01563	53.8	79.4
72(9)	0.01235	53.8	79.5
55(8)	0.01563	53.8	79.6
69(9)	0.01235	53.8	79.7
59(8)	0.01563	53.8	79.7
75(10)	0.01000	53.8	79.8
72(9)	0.01235	53.8	79.8
59(9)	0.01235	53.8	79.8
71(9)	0.01235	53.8	79.9
81(10)	0.01000	53.8	79.9
76(10)	0.01000	53.7	79.9
70(9)	0.01235	53.7	79.9
57(8)	0.01563	53.7	80.0
78(10)	0.01000	53.7	80.1
65(9)	0.01235	53.7	80.2
74(10)	0.01000	53.7	80.4
85(10)	0.01000	53.7	80.7
76(10)	0.01000	53.7	81.1
77(10)	0.01000	53.7	81.5
74(10)	0.01000	53.7	82.1
78(10)	0.01000	53.7	82.7
103(11)	0.00826	53.7	83.5
81(10)	0.01000	53.7	84.5
62(9)	0.01235	53.7	85.6
85(10)	0.01000	53.7	86.8
86(10)	0.01000	53.7	88.2
76(10)	0.01000	53.7	89.7
62(9)	0.01235	53.7	91.5
82(10)	0.01000	53.7	93.4
108(12)	0.00694	53.7	95.5
97(11)	0.00826	53.7	97.8
103(11)	0.00826	53.7	100.3
109(12)	0.00694	53.7	103.0
100(11)	0.00826	53.7	105.9
110(12)	0.00694	53.7	109.0
80(10)	0.01000	53.7	112.2
114(12)	0.00694	53.7	115.6
100(11)	0.00826	53.7	119.1
122(12)	0.00694	53.7	122.6
114(12)	0.00694	53.7	126.3
114(12)	0.00694	53.7	130.0
134(13)	0.00592	53.6	133.7
119(12)	0.00694	53.6	137.4
157(14)	0.00510	53.6	140.9
150(14)	0.00510	53.6	144.2
128(13)	0.00592	53.6	147.3
142(13)	0.00592	53.6	150.0
146(13)	0.00592	53.6	152.3
129(13)	0.00592	53.6	154.2
160(14)	0.00510	53.6	155.5
142(13)	0.00592	53.6	156.3
120(12)	0.00694	53.6	156.6
142(13)	0.00592	53.6	156.3

149(14)	0.00510	53.6	155.5
139(13)	0.00592	53.6	154.2
138(13)	0.00592	53.6	152.6
151(14)	0.00510	53.6	150.6
119(12)	0.00694	53.6	148.4
118(12)	0.00694	53.6	146.1
116(12)	0.00694	53.6	143.7
128(13)	0.00592	53.6	141.3
115(12)	0.00694	53.6	138.9
127(13)	0.00592	53.6	136.5
141(13)	0.00592	53.6	134.4
109(12)	0.00694	53.5	132.4
124(12)	0.00694	53.5	130.5
93(11)	0.00826	53.5	128.9
114(12)	0.00694	53.5	127.5
117(12)	0.00694	53.5	126.4
114(12)	0.00694	53.5	125.5
124(12)	0.00694	53.5	124.8
118(12)	0.00694	53.5	124.4
121(12)	0.00694	53.5	124.2
102(11)	0.00826	53.5	124.2
109(12)	0.00694	53.5	124.5
117(12)	0.00694	53.5	124.9
136(13)	0.00592	53.5	125.5
119(12)	0.00694	53.5	126.3
124(12)	0.00694	53.5	127.1
118(12)	0.00694	53.5	128.1
119(12)	0.00694	53.5	129.2
149(13)	0.00592	53.5	130.4
134(13)	0.00592	53.5	131.7
110(12)	0.00694	53.5	133.0
114(12)	0.00694	53.4	134.3
136(13)	0.00592	53.4	135.6
147(13)	0.00592	53.4	137.0
103(11)	0.00826	53.4	138.3
107(11)	0.00826	53.4	139.6
112(12)	0.00694	53.4	140.9
99(11)	0.00826	53.4	142.0
147(13)	0.00592	53.4	143.1
140(13)	0.00592	53.4	144.0
131(13)	0.00592	53.4	144.8
147(13)	0.00592	53.4	145.5
119(12)	0.00694	53.4	145.9
120(12)	0.00694	53.4	146.2
136(13)	0.00592	53.4	146.2
152(14)	0.00510	53.4	146.1
123(12)	0.00694	53.4	145.7
128(13)	0.00592	53.4	145.0
134(13)	0.00592	53.3	144.2
129(13)	0.00592	53.3	143.2
113(12)	0.00694	53.3	141.9
114(12)	0.00694	53.3	140.5
142(13)	0.00592	53.3	138.9
151(14)	0.00510	53.3	137.1

108(12)	0.00694	53.3	135.2
107(11)	0.00826	53.3	133.2
140(13)	0.00592	53.3	131.2
114(12)	0.00694	53.3	129.0
112(12)	0.00694	53.3	126.9
122(12)	0.00694	53.3	124.7
90(11)	0.00826	53.3	122.6
96(11)	0.00826	53.3	120.5
91(11)	0.00826	53.3	118.4
92(11)	0.00826	53.3	116.4
111(12)	0.00694	53.2	114.6
95(11)	0.00826	53.2	112.8
84(10)	0.01000	53.2	111.2
96(11)	0.00826	53.2	109.7
103(11)	0.00826	53.2	108.4
92(11)	0.00826	53.2	107.2
103(11)	0.00826	53.2	106.2
115(12)	0.00694	53.2	105.4
113(12)	0.00694	53.2	104.7
105(11)	0.00826	53.2	104.2
88(10)	0.01000	53.2	103.9
83(10)	0.01000	53.2	103.7
111(12)	0.00694	53.2	103.8
97(11)	0.00826	53.2	104.0
116(12)	0.00694	53.1	104.4
97(11)	0.00826	53.1	105.0
129(13)	0.00592	53.1	105.7
88(10)	0.01000	53.1	106.6
105(11)	0.00826	53.1	107.7
103(11)	0.00826	53.1	108.9
114(12)	0.00694	53.1	110.2
114(12)	0.00694	53.1	111.6
120(12)	0.00694	53.1	113.0
108(12)	0.00694	53.1	114.6
119(12)	0.00694	53.1	116.1
109(12)	0.00694	53.1	117.7
110(12)	0.00694	53.1	119.2
122(12)	0.00694	53.0	120.6
123(12)	0.00694	53.0	122.0
99(11)	0.00826	53.0	123.2
127(12)	0.00694	53.0	124.2
110(12)	0.00694	53.0	125.0
129(13)	0.00592	53.0	125.5
100(11)	0.00826	53.0	125.9
114(12)	0.00694	53.0	126.0
114(12)	0.00694	53.0	125.9
111(12)	0.00694	53.0	125.6
110(12)	0.00694	53.0	125.0
125(12)	0.00694	53.0	124.4
110(12)	0.00694	52.9	123.6
139(13)	0.00592	52.9	122.7
120(12)	0.00694	52.9	121.8
133(13)	0.00592	52.9	120.9
105(11)	0.00826	52.9	120.1

107(11)	0.00826	52.9	119.3
103(11)	0.00826	52.9	118.5
123(12)	0.00694	52.9	117.9
119(12)	0.00694	52.9	117.5
127(13)	0.00592	52.9	117.2
101(11)	0.00826	52.9	117.0
116(12)	0.00694	52.8	117.1
125(12)	0.00694	52.8	117.3
104(11)	0.00826	52.8	117.7
115(12)	0.00694	52.8	118.3
131(13)	0.00592	52.8	119.1
126(12)	0.00694	52.8	120.1
131(13)	0.00592	52.8	121.2
126(13)	0.00592	52.8	122.5
110(12)	0.00694	52.8	124.0
123(12)	0.00694	52.8	125.6
138(13)	0.00592	52.8	127.4
128(13)	0.00592	52.7	129.2
137(13)	0.00592	52.7	131.2
133(13)	0.00592	52.7	133.2
145(13)	0.00592	52.7	135.3
138(13)	0.00592	52.7	137.4
135(13)	0.00592	52.7	139.6
136(13)	0.00592	52.7	141.8
161(14)	0.00510	52.7	144.1
138(13)	0.00592	52.7	146.3
149(14)	0.00510	52.7	148.5
151(14)	0.00510	52.6	150.8
155(14)	0.00510	52.6	153.1
135(13)	0.00592	52.6	155.3
166(14)	0.00510	52.6	157.6
146(13)	0.00592	52.6	159.8
149(14)	0.00510	52.6	162.0
191(15)	0.00444	52.6	164.2
148(14)	0.00510	52.6	166.2
171(15)	0.00444	52.6	168.1
173(15)	0.00444	52.6	169.8
172(15)	0.00444	52.5	171.3
176(15)	0.00444	52.5	172.4
149(14)	0.00510	52.5	173.2
175(15)	0.00444	52.5	173.6
155(14)	0.00510	52.5	173.5
179(15)	0.00444	52.5	172.9
153(14)	0.00510	52.5	171.8
177(15)	0.00444	52.5	170.1
149(14)	0.00510	52.5	168.0
137(13)	0.00592	52.5	165.4
147(13)	0.00592	52.4	162.3
138(13)	0.00592	52.4	158.9
153(14)	0.00510	52.4	155.2
119(12)	0.00694	52.4	151.3
119(12)	0.00694	52.4	147.2
131(13)	0.00592	52.4	143.0
112(12)	0.00694	52.4	138.7

99(11)	0.00826	52.4	134.5
104(11)	0.00826	52.4	130.2
91(11)	0.00826	52.3	126.1
97(11)	0.00826	52.3	122.1
68(9)	0.01235	52.3	118.2
90(11)	0.00826	52.3	114.4
95(11)	0.00826	52.3	110.8
84(10)	0.01000	52.3	107.3
75(10)	0.01000	52.3	104.1
85(10)	0.01000	52.3	101.0
76(10)	0.01000	52.2	98.1
66(9)	0.01235	52.2	95.3
74(10)	0.01000	52.2	92.8
74(10)	0.01000	52.2	90.4
73(10)	0.01000	52.2	88.2
80(10)	0.01000	52.2	86.1
56(8)	0.01563	52.2	84.2
68(9)	0.01235	52.2	82.5
70(9)	0.01235	52.2	80.9
72(9)	0.01235	52.1	79.4
73(10)	0.01000	52.1	78.0
68(9)	0.01235	52.1	76.8
66(9)	0.01235	52.1	75.7
62(9)	0.01235	52.1	74.6
66(9)	0.01235	52.1	73.7
73(10)	0.01000	52.1	72.8
46(8)	0.01563	52.1	72.0
59(9)	0.01235	52.0	71.3
66(9)	0.01235	52.0	70.7
71(9)	0.01235	52.0	70.1
53(8)	0.01563	52.0	69.5
57(8)	0.01563	52.0	69.0
65(9)	0.01235	52.0	68.6
68(9)	0.01235	52.0	68.2
58(8)	0.01563	52.0	67.8
55(8)	0.01563	51.9	67.4
53(8)	0.01563	51.9	67.1
63(9)	0.01235	51.9	66.8
71(9)	0.01235	51.9	66.6
48(8)	0.01563	51.9	66.4
54(8)	0.01563	51.9	66.1
63(9)	0.01235	51.9	66.0
65(9)	0.01235	51.8	65.8
55(8)	0.01563	51.8	65.6
59(9)	0.01235	51.8	65.5
60(9)	0.01235	51.8	65.4
42(7)	0.02041	51.8	65.3
49(8)	0.01563	51.8	65.2
60(9)	0.01235	51.8	65.2
52(8)	0.01563	51.8	65.1
61(9)	0.01235	51.7	65.1
55(8)	0.01563	51.7	65.1
55(8)	0.01563	51.7	65.2
54(8)	0.01563	51.7	65.2

49(8)	0.01563	51.7	65.3
60(9)	0.01235	51.7	65.4
77(10)	0.01000	51.7	65.5
60(9)	0.01235	51.6	65.7
64(9)	0.01235	51.6	65.9
50(8)	0.01563	51.6	66.1
65(9)	0.01235	51.6	66.3
60(9)	0.01235	51.6	66.6
53(8)	0.01563	51.6	66.9
56(8)	0.01563	51.6	67.2
45(8)	0.01563	51.5	67.6
52(8)	0.01563	51.5	68.0
71(9)	0.01235	51.5	68.4
52(8)	0.01563	51.5	68.9
54(8)	0.01563	51.5	69.5
64(9)	0.01235	51.5	70.0
53(8)	0.01563	51.5	70.6
56(8)	0.01563	51.4	71.3
62(9)	0.01235	51.4	72.0
60(9)	0.01235	51.4	72.7
62(9)	0.01235	51.4	73.5
60(9)	0.01235	51.4	74.3
78(10)	0.01000	51.4	75.2
76(10)	0.01000	51.3	76.1
75(10)	0.01000	51.3	77.0
81(10)	0.01000	51.3	78.0
72(9)	0.01235	51.3	78.9
87(10)	0.01000	51.3	79.9
73(10)	0.01000	51.3	81.0
71(9)	0.01235	51.3	82.0
73(10)	0.01000	51.2	83.0
88(10)	0.01000	51.2	83.9
82(10)	0.01000	51.2	84.9
76(10)	0.01000	51.2	85.8
89(10)	0.01000	51.2	86.6
84(10)	0.01000	51.2	87.4
100(11)	0.00826	51.1	88.1
78(10)	0.01000	51.1	88.6
92(11)	0.00826	51.1	89.0
75(10)	0.01000	51.1	89.3
81(10)	0.01000	51.1	89.5
87(10)	0.01000	51.1	89.5
86(10)	0.01000	51.0	89.4
84(10)	0.01000	51.0	89.1
91(11)	0.00826	51.0	88.8
98(11)	0.00826	51.0	88.2
83(10)	0.01000	51.0	87.6
59(9)	0.01235	51.0	86.9
109(12)	0.00694	50.9	86.1
70(9)	0.01235	50.9	85.3
94(11)	0.00826	50.9	84.4
69(9)	0.01235	50.9	83.5
77(10)	0.01000	50.9	82.6
71(9)	0.01235	50.9	81.7

75(10)	0.01000	50.8	80.8
57(8)	0.01563	50.8	79.9
56(8)	0.01563	50.8	79.1
57(8)	0.01563	50.8	78.2
69(9)	0.01235	50.8	77.4
69(9)	0.01235	50.8	76.7
68(9)	0.01235	50.7	76.0
64(9)	0.01235	50.7	75.4
68(9)	0.01235	50.7	74.8
70(9)	0.01235	50.7	74.3
66(9)	0.01235	50.7	73.9
79(10)	0.01000	50.7	73.5
56(8)	0.01563	50.6	73.2
64(9)	0.01235	50.6	72.9
72(9)	0.01235	50.6	72.7
60(9)	0.01235	50.6	72.6
72(9)	0.01235	50.6	72.5
69(9)	0.01235	50.5	72.5
84(10)	0.01000	50.5	72.6
65(9)	0.01235	50.5	72.7
75(10)	0.01000	50.5	72.8
71(9)	0.01235	50.5	73.0
59(9)	0.01235	50.5	73.3
76(10)	0.01000	50.4	73.5
57(8)	0.01563	50.4	73.8
75(10)	0.01000	50.4	74.1
71(9)	0.01235	50.4	74.4
87(10)	0.01000	50.4	74.8
80(10)	0.01000	50.3	75.2
77(10)	0.01000	50.3	75.6
87(10)	0.01000	50.3	76.0
81(10)	0.01000	50.3	76.3
64(9)	0.01235	50.3	76.7
91(11)	0.00826	50.3	77.0
83(10)	0.01000	50.2	77.4
85(10)	0.01000	50.2	77.7
83(10)	0.01000	50.2	78.0
89(10)	0.01000	50.2	78.3
74(10)	0.01000	50.2	78.7
73(10)	0.01000	50.1	79.0
90(11)	0.00826	50.1	79.4
90(11)	0.00826	50.1	79.8
88(10)	0.01000	50.1	80.2
95(11)	0.00826	50.1	80.6
85(10)	0.01000	50.0	81.1
77(10)	0.01000	50.0	81.6
104(11)	0.00826	50.0	82.2
90(11)	0.00826	50.0	82.8
85(10)	0.01000	50.0	83.5
99(11)	0.00826	49.9	84.1
88(10)	0.01000	49.9	84.9
86(10)	0.01000	49.9	85.6
70(9)	0.01235	49.9	86.4
101(11)	0.00826	49.9	87.3

90(11)	0.00826	49.8	88.1
79(10)	0.01000	49.8	89.0
83(10)	0.01000	49.8	89.9
89(11)	0.00826	49.8	90.7
89(11)	0.00826	49.8	91.6
90(11)	0.00826	49.7	92.4
113(12)	0.00694	49.7	93.2
108(12)	0.00694	49.7	93.9
92(11)	0.00826	49.7	94.6
87(10)	0.01000	49.7	95.2
109(12)	0.00694	49.6	95.7
115(12)	0.00694	49.6	96.1
95(11)	0.00826	49.6	96.4
95(11)	0.00826	49.6	96.6
107(11)	0.00826	49.6	96.7
100(11)	0.00826	49.5	96.8
108(12)	0.00694	49.5	96.8
93(11)	0.00826	49.5	96.7
99(11)	0.00826	49.5	96.6
91(11)	0.00826	49.5	96.6
102(11)	0.00826	49.4	96.5
93(11)	0.00826	49.4	96.5
99(11)	0.00826	49.4	96.5
94(11)	0.00826	49.4	96.6
100(11)	0.00826	49.3	96.8
93(11)	0.00826	49.3	97.1
101(11)	0.00826	49.3	97.5
115(12)	0.00694	49.3	98.1
108(12)	0.00694	49.3	98.8
89(10)	0.01000	49.2	99.7
123(12)	0.00694	49.2	100.7
111(12)	0.00694	49.2	101.9
135(13)	0.00592	49.2	103.4
104(11)	0.00826	49.1	105.0
126(12)	0.00694	49.1	106.7
103(11)	0.00826	49.1	108.7
117(12)	0.00694	49.1	110.9
109(12)	0.00694	49.1	113.3
108(12)	0.00694	49.0	115.8
148(14)	0.00510	49.0	118.6
127(13)	0.00592	49.0	121.5
167(14)	0.00510	49.0	124.5
145(13)	0.00592	48.9	127.7
117(12)	0.00694	48.9	131.0
148(14)	0.00510	48.9	134.3
125(12)	0.00694	48.9	137.7
136(13)	0.00592	48.9	141.1
141(13)	0.00592	48.8	144.4
163(14)	0.00510	48.8	147.7
151(14)	0.00510	48.8	150.8
177(15)	0.00444	48.8	153.7
164(14)	0.00510	48.7	156.4
155(14)	0.00510	48.7	158.8
155(14)	0.00510	48.7	160.9

151(14)	0.00510	48.7	162.7
180(15)	0.00444	48.6	164.1
166(14)	0.00510	48.6	165.3
192(15)	0.00444	48.6	166.2
165(14)	0.00510	48.6	166.8
150(14)	0.00510	48.6	167.2
166(14)	0.00510	48.5	167.4
175(15)	0.00444	48.5	167.4
163(14)	0.00510	48.5	167.2
159(14)	0.00510	48.5	166.9
182(15)	0.00444	48.4	166.5
165(14)	0.00510	48.4	165.9
202(16)	0.00391	48.4	165.2
192(15)	0.00444	48.4	164.4
181(15)	0.00444	48.3	163.4
200(16)	0.00391	48.3	162.3
166(14)	0.00510	48.3	161.1
168(14)	0.00510	48.3	159.7
158(14)	0.00510	48.2	158.1
200(16)	0.00391	48.2	156.5
183(15)	0.00444	48.2	154.7
144(13)	0.00592	48.2	152.8
169(14)	0.00510	48.1	150.9
164(14)	0.00510	48.1	148.9
142(13)	0.00592	48.1	146.9
162(14)	0.00510	48.1	144.8
164(14)	0.00510	48.0	142.8
149(14)	0.00510	48.0	140.8
136(13)	0.00592	48.0	138.8
154(14)	0.00510	48.0	136.9
128(13)	0.00592	47.9	134.9
154(14)	0.00510	47.9	133.1
137(13)	0.00592	47.9	131.3
125(12)	0.00694	47.9	129.5
151(14)	0.00510	47.8	127.7
132(13)	0.00592	47.8	125.9
146(13)	0.00592	47.8	124.1
136(13)	0.00592	47.8	122.4
127(13)	0.00592	47.7	120.6
121(12)	0.00694	47.7	118.7
122(12)	0.00694	47.7	116.8
123(12)	0.00694	47.6	114.9
121(12)	0.00694	47.6	112.9
121(12)	0.00694	47.6	110.9
121(12)	0.00694	47.6	108.9
113(12)	0.00694	47.5	106.9
113(12)	0.00694	47.5	104.8
116(12)	0.00694	47.5	102.7
119(12)	0.00694	47.5	100.7
106(11)	0.00826	47.4	98.7
112(12)	0.00694	47.4	96.6
104(11)	0.00826	47.4	94.7
89(10)	0.01000	47.4	92.7
113(12)	0.00694	47.3	90.8

95(11)	0.00826	47.3	88.9
90(11)	0.00826	47.3	87.0
101(11)	0.00826	47.2	85.2
86(10)	0.01000	47.2	83.5
103(11)	0.00826	47.2	81.8
81(10)	0.01000	47.2	80.1
80(10)	0.01000	47.1	78.6
89(10)	0.01000	47.1	77.1
91(11)	0.00826	47.1	75.6
75(10)	0.01000	47.1	74.3
79(10)	0.01000	47.0	73.0
81(10)	0.01000	47.0	71.8
60(9)	0.01235	47.0	70.6
83(10)	0.01000	46.9	69.5
87(10)	0.01000	46.9	68.5
71(9)	0.01235	46.9	67.6
64(9)	0.01235	46.9	66.7
63(9)	0.01235	46.8	65.9
67(9)	0.01235	46.8	65.1
63(9)	0.01235	46.8	64.4
53(8)	0.01563	46.7	63.8
60(9)	0.01235	46.7	63.2
78(10)	0.01000	46.7	62.6
63(9)	0.01235	46.7	62.1
51(8)	0.01563	46.6	61.6
67(9)	0.01235	46.6	61.2
70(9)	0.01235	46.6	60.8
58(9)	0.01235	46.5	60.4
55(8)	0.01563	46.5	60.1
68(9)	0.01235	46.5	59.8
63(9)	0.01235	46.5	59.5
53(8)	0.01563	46.4	59.3
58(9)	0.01235	46.4	59.1
64(9)	0.01235	46.4	58.9
53(8)	0.01563	46.3	58.7
57(8)	0.01563	46.3	58.6
44(7)	0.02041	46.3	58.4
62(9)	0.01235	46.2	58.3
39(7)	0.02041	46.2	58.2
56(8)	0.01563	46.2	58.1
57(8)	0.01563	46.2	58.0
50(8)	0.01563	46.1	57.9
53(8)	0.01563	46.1	57.9
63(9)	0.01235	46.1	57.8
52(8)	0.01563	46.0	57.7
45(7)	0.02041	46.0	57.7
46(8)	0.01563	46.0	57.6
54(8)	0.01563	45.9	57.5
60(9)	0.01235	45.9	57.4
65(9)	0.01235	45.9	57.3
52(8)	0.01563	45.9	57.1
53(8)	0.01563	45.8	57.0
48(8)	0.01563	45.8	56.8
39(7)	0.02041	45.8	56.6

55(8)	0.01563	45.7	56.4
59(9)	0.01235	45.7	56.2
62(9)	0.01235	45.7	56.0
51(8)	0.01563	45.6	55.7
43(7)	0.02041	45.6	55.5
47(8)	0.01563	45.6	55.2
66(9)	0.01235	45.5	55.0
43(7)	0.02041	45.5	54.7
39(7)	0.02041	45.5	54.4
48(8)	0.01563	45.4	54.1
53(8)	0.01563	45.4	53.9
53(8)	0.01563	45.4	53.6
43(7)	0.02041	45.4	53.4
50(8)	0.01563	45.3	53.1
33(6)	0.02778	45.3	52.9
44(7)	0.02041	45.3	52.6
46(8)	0.01563	45.2	52.4
50(8)	0.01563	45.2	52.2
51(8)	0.01563	45.2	51.9
52(8)	0.01563	45.1	51.7
56(8)	0.01563	45.1	51.5
42(7)	0.02041	45.1	51.3
56(8)	0.01563	45.0	51.1
43(7)	0.02041	45.0	50.9
66(9)	0.01235	45.0	50.7
41(7)	0.02041	44.9	50.6
41(7)	0.02041	44.9	50.4
41(7)	0.02041	44.9	50.2
47(8)	0.01563	44.8	50.1
48(8)	0.01563	44.8	49.9
46(8)	0.01563	44.8	49.8
50(8)	0.01563	44.7	49.6
45(7)	0.02041	44.7	49.5
52(8)	0.01563	44.7	49.4
70(9)	0.01235	44.6	49.2
41(7)	0.02041	44.6	49.1
41(7)	0.02041	44.6	49.0
47(8)	0.01563	44.5	48.9
51(8)	0.01563	44.5	48.8
52(8)	0.01563	44.5	48.7
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_gsas_i100_meas

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1	1	1	o	15076.562	15171.002	119.42	5.88914	5.84
0	4	0	o	6147.515	147.144	0.00	4.98606	1.06
4	0	0	o	6634.933	158.749	180.00	4.88883	1.10
1	3	1	o	18584.018	19736.279	98.42	4.52006	5.81
3	1	1	o	17841.588	17868.410	-11.87	4.48321	5.53
2	4	0	o	209.678	163.098	-180.00	4.44186	0.06

4	2	0	o	7521.589	4826.342	0.00	4.38969	2.02
3	3	1	o	11139.187	9122.952	150.14	3.78328	2.86
4	4	0	o	51844.07	43937.05	0.00	3.49079	8.87
1	5	1	o	5240.696	4042.737	-44.71	3.34882	1.15
5	1	1	o	13596.782	11412.930	-41.17	3.30421	2.94
2	6	0	o	22191.313	23435.711	180.00	3.14715	3.10
6	2	0	o	40997.83	36285.37	180.00	3.09796	5.55
0	2	2	o	54621.89	48953.04	2.00	3.08792	2.76
2	0	2	o	25151.889	21785.607	-13.52	3.08199	1.27
3	5	1	o	174193.44	187525.45	69.39	3.01389	33.21
5	3	1	o	166491.09	168081.67	25.84	2.99201	31.42
2	2	2	o	104600.65	99969.87	-93.14	2.94457	10.30
4	6	0	o	5977.997	107.135	-180.00	2.74883	0.64
6	4	0	o	220.500	0.949	0.00	2.72809	0.02
2	4	2	o	11841.171	10410.286	-87.89	2.62160	1.08
4	2	2	o	24971.352	25404.609	60.25	2.61075	2.27
1	7	1	o	32834.738	39395.48	17.28	2.58626	5.00
5	5	1	o	7938.131	7942.529	132.97	2.56554	1.19
7	1	1	o	36948.70	33055.063	75.59	2.54532	5.49
0	8	0	o	35202.29	31851.291	180.00	2.49303	1.56
8	0	0	o	36300.09	24131.766	180.00	2.44441	1.55
3	7	1	o	8172.720	6762.253	6.11	2.42233	1.13
2	8	0	o	1462.910	1282.926	0.00	2.41574	0.12
7	3	1	o	15404.125	12163.629	-113.12	2.39412	2.08
8	2	0	o	3467.005	3635.484	-180.00	2.37413	0.28
4	4	2	o	904.904	971.917	-129.72	2.37771	0.08
6	6	0	o	4218.035	2522.435	180.00	2.32719	0.33
0	6	2	o	24130.434	20122.891	-53.06	2.32293	1.00
6	0	2	o	23689.990	24557.910	86.68	2.30048	0.97
2	6	2	o	10118.190	6719.252	116.04	2.26003	0.82
4	8	0	o	846.861	283.912	0.00	2.22093	0.06
6	2	2	o	14870.010	11931.153	50.68	2.24160	1.19
8	4	0	o	3484.854	1969.325	0.00	2.19484	0.24
5	7	1	o	22452.971	21652.541	80.92	2.17050	2.60
7	5	1	o	19923.615	19934.289	-3.20	2.15822	2.29
1	1	3	o	1039.429	629.752	-19.80	2.13946	0.05
4	6	2	o	1541.612	553.884	159.05	2.09813	0.12
6	4	2	o	322.228	181.120	147.47	2.08886	0.02
1	9	1	o	8472.378	5194.140	18.58	2.08536	0.92
9	1	1	o	3908.346	3289.195	-94.34	2.04966	0.41
1	3	3	o	21029.445	17404.711	48.33	2.04730	0.97
3	1	3	o	16713.793	11630.381	-157.04	2.04384	0.77
3	9	1	o	4737.406	4479.271	-62.57	1.99652	0.48
6	8	0	o	5527.286	5144.044	0.00	1.98016	0.32
8	6	0	o	7965.310	7457.291	-180.00	1.96927	0.45
9	3	1	o	5695.863	5351.043	149.63	1.96820	0.57
2	10	0	o	10179.601	12366.169	180.00	1.95418	0.57
3	3	3	o	31464.408	29241.537	45.64	1.96305	1.43
2	8	2	o	9072.557	9816.760	-24.24	1.93828	0.63
10	2	0	o	10744.434	11776.999	180.00	1.91898	0.58
7	7	1	o	6002.184	7412.235	131.74	1.90684	0.57
8	2	2	o	11064.707	11283.231	16.76	1.91659	0.76
1	5	3	o	4859.449	3367.476	57.03	1.89387	0.22
6	6	2	o	310.837	227.008	-134.97	1.89164	0.02

5	1	3	o	4118.270	3711.930	53.98	1.88569	0.18
4	10	0	o	205.353	265.595	-180.00	1.84667	0.01
5	9	1	o	1827.112	2021.046	-91.22	1.84833	0.16
9	5	1	o	5104.550	6016.014	12.13	1.83073	0.45
10	4	0	o	2372.286	2081.779	0.00	1.82052	0.12
4	8	2	o	6092.582	7123.881	160.10	1.83323	0.40
8	4	2	o	3680.318	3106.475	61.79	1.81848	0.24
3	5	3	o	21044.836	19786.803	78.09	1.82658	0.92
5	3	3	o	42609.89	37739.99	-162.88	1.82168	1.86
8	8	0	o	146695.42	141454.31	0.00	1.74540	6.68
1	11	1	o	5900.670	6576.185	-105.86	1.73942	0.48
11	1	1	o	7037.850	7436.231	-167.98	1.70839	0.56
6	10	0	o	89137.48	95615.16	0.00	1.70118	3.87
1	7	3	o	2338.734	2701.320	101.07	1.71716	0.10
5	5	3	o	73290.89	68605.13	43.85	1.71105	3.08
0	10	2	o	40460.88	45104.70	52.11	1.69952	1.21
7	1	3	o	814.268	938.730	150.51	1.70501	0.03
3	11	1	o	8463.935	8540.962	-92.11	1.68686	0.66
10	6	0	o	93375.95	92193.37	0.00	1.68549	3.99
6	8	2	o	8509.824	9413.587	-71.70	1.69066	0.51
7	9	1	o	10157.913	9662.092	128.07	1.67725	0.78
8	6	2	o	19021.170	18872.113	58.24	1.68387	1.13
9	7	1	o	12956.155	11015.002	-58.43	1.66967	0.99
10	0	2	o	56883.02	55489.04	-54.72	1.67526	1.68
2	10	2	o	28852.332	28222.398	105.94	1.67441	1.70
0	12	0	o	16219.865	15062.979	0.00	1.66202	0.34
11	3	1	o	7110.373	6567.797	14.45	1.66035	0.54
3	7	3	o	11231.439	9942.574	51.27	1.66653	0.46
10	2	2	o	30008.205	25823.826	70.75	1.65211	1.74
7	3	3	o	5299.035	4821.264	77.55	1.65725	0.22
2	12	0	o	6966.810	6060.398	-180.00	1.63852	0.28
12	0	0	o	14801.587	13082.295	0.00	1.62961	0.30
12	2	0	o	7889.862	7159.831	0.00	1.60828	0.31
0	0	4	o	150558.03	122573.95	176.77	1.62377	1.05
4	10	2	o	11109.710	11056.635	6.21	1.60528	0.62
5	11	1	o	9063.820	11478.914	-159.35	1.59460	0.64
4	12	0	o	5350.997	4257.569	0.00	1.57357	0.20
10	4	2	o	9518.045	7942.101	-2.59	1.58802	0.53
11	5	1	o	15558.813	13379.152	-119.71	1.57530	1.08
5	7	3	o	28856.664	24742.930	10.96	1.57740	1.15
2	2	4	o	4582.641	4377.960	-165.08	1.58156	0.13
7	5	3	o	24419.627	18506.803	-107.47	1.57266	0.97
12	4	0	o	8408.063	8001.609	0.00	1.54898	0.31
8	10	0	o	16175.942	14110.104	0.00	1.54532	0.59
10	8	0	o	25564.604	19633.592	-180.00	1.53865	0.93
8	8	2	o	33123.492	24818.258	95.63	1.53742	1.77
1	9	3	o	166.693	139.401	-143.20	1.54379	0.01
0	4	4	o	23912.982	19996.789	-31.70	1.54396	0.33
4	0	4	o	32515.467	26590.736	19.60	1.54100	0.45
9	1	3	o	3482.555	2358.793	134.41	1.52914	0.14
2	4	4	o	134.649	64.574	113.07	1.52507	0.00
4	2	4	o	1305.496	568.257	-65.91	1.52292	0.04
9	9	1	o	784.425	559.809	122.58	1.50901	0.05
6	10	2	o	16881.482	11825.116	82.47	1.50694	0.88

3	9	3	o	14791.017	10427.128	-24.66	1.50669	0.57
10	6	2	o	20047.318	14027.707	91.00	1.49601	1.04
1	13	1	o	4056.619	3573.736	-124.13	1.48875	0.26
9	3	3	o	16218.141	12588.476	-48.73	1.49440	0.62
7	11	1	o	5359.797	5141.010	-38.76	1.48082	0.34
6	12	0	o	2335.006	2207.032	0.00	1.48062	0.08
11	7	1	o	4497.174	4663.291	-54.24	1.46915	0.28
12	6	0	o	1088.980	1065.577	-180.00	1.46323	0.04
13	1	1	o	4853.833	5046.338	9.37	1.46153	0.30
4	4	4	o	6340.619	5545.566	142.27	1.47228	0.17
2	12	2	o	19096.605	18604.424	34.80	1.46287	0.96
3	13	1	o	20184.094	21335.277	-101.88	1.45539	1.24
7	7	3	o	31262.945	34132.344	47.39	1.46701	1.18
12	2	2	o	16640.119	15027.377	-42.37	1.44123	0.83
5	9	3	o	7107.610	6139.723	-18.59	1.43986	0.27
13	3	1	o	21578.100	19504.928	-173.79	1.43111	1.30
2	6	4	o	27088.271	25012.182	-15.37	1.44302	0.73
6	2	4	o	35679.55	30850.848	15.26	1.43819	0.96
9	5	3	o	8530.479	7866.587	123.14	1.43149	0.32
2	14	0	o	13169.462	12354.043	0.00	1.40970	0.41
4	12	2	o	36928.01	38998.67	88.06	1.41609	1.80
10	10	0	o	2139.201	2074.052	0.00	1.39632	0.07
5	13	1	o	20811.410	19452.447	-16.82	1.39490	1.20
12	4	2	o	29582.219	29597.527	83.09	1.39809	1.42
14	2	0	o	7767.124	8497.379	0.00	1.38330	0.24
8	10	2	o	12444.377	11674.183	-53.60	1.39539	0.60
4	6	4	o	4799.433	4859.459	-168.99	1.39807	0.13
10	8	2	o	16497.533	14341.783	51.38	1.39048	0.79
6	4	4	o	13010.830	12087.680	-22.66	1.39532	0.35
1	11	3	o	7970.039	7768.018	-51.52	1.38655	0.29
8	12	0	o	8850.665	8453.941	0.00	1.37442	0.27
13	5	1	o	20706.496	19300.787	-86.89	1.37557	1.17
4	14	0	o	12528.664	11983.100	-180.00	1.36770	0.38
12	8	0	o	5177.686	6009.428	0.00	1.36405	0.15
11	1	3	o	13244.043	11319.715	-12.05	1.37068	0.48
9	11	1	o	18086.551	18070.729	83.28	1.36119	1.01
11	9	1	o	22848.350	22893.777	1.84	1.35612	1.27
3	11	3	o	9472.604	9491.566	-73.63	1.35948	0.34
14	4	0	o	23948.434	21465.027	0.00	1.34503	0.70
0	8	4	o	86296.45	83267.23	3.72	1.36062	1.14
7	9	3	o	10011.093	9877.211	-11.87	1.35444	0.36
6	12	2	o	9717.718	8637.257	-50.43	1.34721	0.45
9	7	3	o	9871.711	9251.990	-101.54	1.35044	0.35
8	0	4	o	87340.20	82899.33	7.78	1.35255	1.16
11	3	3	o	18814.773	16981.209	146.44	1.34549	0.67
2	8	4	o	11545.826	10210.031	-174.13	1.34763	0.31
12	6	2	o	13019.896	12889.310	40.14	1.33407	0.59
8	2	4	o	20066.996	15303.962	13.18	1.34028	0.53
6	6	4	o	419.304	427.962	175.89	1.33166	0.01
7	13	1	o	17604.188	22114.701	103.15	1.31681	0.94
6	14	0	o	5637.373	6744.156	180.00	1.30534	0.16
13	7	1	o	14220.117	16715.277	-7.92	1.30319	0.75
4	8	4	o	2089.520	2490.423	39.60	1.31080	0.05
1	15	1	o	4831.757	5599.991	-84.93	1.29972	0.25

5	11	3	o	14243.238	17089.500	-32.49	1.30978	0.50
0	14	2	o	15348.884	18016.186	60.68	1.30459	0.34
8	4	4	o	3148.235	3689.772	6.70	1.30537	0.08
11	5	3	o	17804.766	20811.785	-57.27	1.29903	0.62
2	14	2	o	464.716	717.814	175.05	1.29313	0.02
14	6	0	o	2620.253	4848.015	180.00	1.28773	0.07
1	1	5	o	8880.702	12795.922	-51.67	1.29343	0.17
14	0	2	o	12643.953	11415.535	-81.46	1.28315	0.28
10	10	2	o	13898.152	12516.203	-93.87	1.28277	0.61
3	15	1	o	17713.648	26638.227	8.66	1.27735	0.90
15	1	1	o	1527.319	2406.713	152.40	1.27558	0.08
10	12	0	o	13232.674	16796.443	0.00	1.26642	0.35
14	2	2	o	1202.833	1870.787	-37.05	1.27266	0.05
12	10	0	o	11817.953	17928.229	-180.00	1.26193	0.31
8	12	2	o	20924.152	24572.635	-68.59	1.26573	0.90
1	3	5	o	29.537	46.466	-7.61	1.27221	0.00
3	1	5	o	834.360	1448.703	126.20	1.27138	0.02
9	9	3	o	2814.410	4243.292	42.22	1.26109	0.10
4	14	2	o	1155.829	1667.015	23.75	1.26048	0.05
15	3	1	o	19367.648	21161.135	-106.25	1.25520	0.97
12	8	2	o	19713.818	20997.941	-120.07	1.25762	0.84
0	16	0	o	6570.688	8022.516	0.00	1.24651	0.09
6	8	4	o	5352.098	5800.780	-158.43	1.25560	0.14
11	11	1	o	3742.827	4500.022	-42.95	1.24581	0.18
1	13	3	o	4988.414	5157.694	-16.52	1.24920	0.17
8	6	4	o	6739.715	7126.442	-36.97	1.25281	0.17
14	4	2	o	2330.711	3394.378	0.83	1.24266	0.10
2	16	0	o	28037.041	33128.949	-180.00	1.23651	0.72
7	11	3	o	1950.171	2367.200	109.44	1.24450	0.07
2	10	4	o	54121.18	56863.96	6.15	1.24890	1.40
3	3	5	o	27997.662	28048.289	-46.69	1.25120	0.54
5	15	1	o	8068.054	9547.854	-8.88	1.23586	0.39
8	14	0	o	9913.354	10873.077	0.00	1.23082	0.25
11	7	3	o	5190.018	6067.313	-59.06	1.23755	0.17
9	13	1	o	5851.802	6426.573	-99.91	1.23056	0.28
10	2	4	o	35865.96	42164.75	-8.33	1.23956	0.92
13	1	3	o	11908.741	13073.635	91.01	1.23298	0.40
16	0	0	o	1712.105	2159.972	0.00	1.22221	0.02
3	13	3	o	32826.117	39726.52	-56.58	1.22929	1.10
1	5	5	o	9414.886	10258.298	6.89	1.23271	0.18
14	8	0	o	2137.083	2074.537	-180.00	1.21858	0.05
13	9	1	o	8028.535	10164.755	0.73	1.22236	0.39
5	1	5	o	2075.700	2213.283	-91.19	1.23045	0.04
16	2	0	o	30371.973	28188.590	0.00	1.21313	0.76
15	5	1	o	10915.281	10386.995	99.54	1.21723	0.52
4	16	0	o	2520.086	3591.517	0.00	1.20787	0.06
6	14	2	o	3861.983	3505.808	-43.52	1.21116	0.16
4	10	4	o	4061.905	4030.319	156.22	1.21941	0.10
13	3	3	o	33349.906	31391.432	-29.35	1.21456	1.11
3	5	5	o	17388.691	16039.218	-103.44	1.21357	0.34
5	3	5	o	11424.487	10249.494	-160.02	1.21213	0.22
10	4	4	o	5022.241	4495.925	17.49	1.21179	0.13
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