

data_LI-NAT_publ

_pd_block_id

2011-03-22T11:23|LI-NAT|Donghoon_Seoung|X14A

_audit_creation_method "from EXP file using GSAS2CIF"

_audit_creation_date 2011-03-22T11:23

_audit_author_name "Donghoon Seoung"

_audit_update_record

; 2011-03-22T11:23 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 0.09
_refine_ls_shift/su_mean 0.00
_computing_structure_refinement GSAS
_refine_ls_number_parameters 40
_refine_ls_goodness_of_fit_all 3.02
_refine_ls_number_restraints 30
_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 Li-NAT
_cell_length_a 17.5455(6)
_cell_length_b 18.6494(5)
_cell_length_c 6.47432(10)
_cell_angle_alpha 90.0

_cell_angle_beta 90.0
_cell_angle_gamma 90.0
_cell_volume 2118.48(10)
_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								
Si	0.0	0.0	0.0	1.0	Uiso	0.0139(6)	8	
Si								
Si2	0.14628(22)	0.21948(18)	0.6226(8)	1.0	Uiso	0.0139(6)	16	
Al								
Al	0.03339(21)	0.09383(21)	0.6125(8)	1.0	Uiso	0.0139(6)	16	
O								
O1	0.0071(4)	0.07341(20)	0.8676(9)	1.0	Uiso	0.0276(13)	16	
O								
O2	0.06329(27)	0.18255(25)	0.5833(12)	1.0	Uiso	0.0276(13)	16	
O								
O3	0.10551(31)	0.03621(25)	0.5317(11)	1.0	Uiso	0.0276(13)	16	
O								
O4	0.20311(28)	0.15790(30)	0.7045(11)	1.0	Uiso	0.0276(13)	16	
O								
O5	0.17406(24)	0.24524(32)	0.3932(9)	1.0	Uiso	0.0276(13)	16	
Li								
Li	0.2292(13)	0.0128(9)	0.6482(27)	1.0	Uiso	0.025	16	

O
OW1 0.0461(5) 0.19420(34) 0.1150(15) 1.0 Uiso 0.025 16

If you change Z, be sure to change all 3 of the following

_chemical_formula_sum "Al2 Li2 O12 Si3"

_chemical_formula_weight 344.09

_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			
Si	Al	3.114(4)	1_554 N
Si	Al	3.114(4)	104_554 N
Si	O1	1.6202(19)	1_554 N
Si	O1	1.6202(19)	104_554 N
Si	O4	3.505(7)	102_544 N
Si	O4	3.505(7)	203_454 N
Si	O5	1.6256(19)	102_544 N
Si	O5	1.6256(19)	203_454 N
Si2	Al	3.069(4)	1_555 N
Si2	Al	3.052(4)	2_555 N
Si2	Al	3.097(4)	3_555 N
Si2	O2	1.6308(27)	1_555 N
Si2	O3	1.6157(26)	2_555 N
Si2	O4	1.6106(26)	1_555 N
Si2	O5	1.6356(27)	1_555 N
Si2	Li	2.947(23)	2_555 N
Al	Si	3.114(4)	1_556 N
Al	Si2	3.069(4)	1_555 N
Al	Si2	3.052(4)	102_544 N
Al	Si2	3.097(4)	203_454 N
Al	O1	1.7564(27)	1_555 N
Al	O1	3.600(5)	104_555 N
Al	O2	1.7459(27)	1_555 N
Al	O3	1.7407(27)	1_555 N
Al	O3	3.478(7)	104_555 N
Al	O4	3.263(5)	1_555 N
Al	O4	1.7410(26)	203_454 N
Al	Li	3.158(20)	203_454 N
O1	Si	1.6202(19)	1_556 N
O1	Al	1.7564(27)	1_555 N
O1	Al	3.600(5)	104_555 N
O1	O1	2.749(8)	104_555 N
O1	O2	2.916(6)	1_555 N
O1	O3	2.862(6)	1_555 N
O1	O3	3.579(8)	104_555 N
O1	O4	3.928(8)	1_555 N
O1	O4	2.858(6)	203_454 N

O1	O4	3.932(7)	203_455	N
O1	O5	2.602(5)	102_545	N
O1	O5	2.635(5)	203_455	N
O1	Li	3.546(18)	2_555	N
O1	OW1	2.848(8)	1_556	N
O1	OW1	3.716(9)	203_455	N
O2	Si2	1.6308(27)	1_555	N
O2	Al	1.7459(27)	1_555	N
O2	O1	2.916(6)	1_555	N
O2	O3	2.848(6)	1_555	N
O2	O3	2.723(6)	2_555	N
O2	O4	2.616(6)	1_555	N
O2	O4	2.698(5)	203_454	N
O2	O5	2.581(6)	1_555	N
O2	Li	2.637(22)	2_555	N
O2	Li	2.157(21)	203_454	N
O2	OW1	3.055(12)	1_555	N
O2	OW1	3.462(12)	1_556	N
O2	OW1	3.002(7)	4_555	N
O3	Si2	1.6157(26)	102_544	N
O3	Al	1.7407(27)	1_555	N
O3	Al	3.478(7)	104_555	N
O3	O1	2.862(6)	1_555	N
O3	O1	3.579(8)	104_555	N
O3	O2	2.848(6)	1_555	N
O3	O2	2.723(6)	102_544	N
O3	O3	3.941(12)	104_555	N
O3	O4	3.055(7)	1_555	N
O3	O4	2.652(7)	102_544	N
O3	O4	2.913(7)	203_454	N
O3	O5	2.680(7)	102_544	N
O3	Li	2.339(23)	1_555	N
O3	OW1	3.533(9)	3_555	N
O3	OW1	3.253(10)	102_545	N
O4	Si	3.505(7)	2_555	N
O4	Si2	1.6106(26)	1_555	N
O4	Al	3.263(5)	1_555	N
O4	Al	1.7410(26)	3_555	N
O4	O1	3.928(8)	1_555	N
O4	O1	3.932(7)	3_554	N
O4	O1	2.858(6)	3_555	N
O4	O2	2.616(6)	1_555	N
O4	O2	2.698(5)	3_555	N
O4	O3	3.055(7)	1_555	N
O4	O3	2.652(7)	2_555	N
O4	O3	2.913(7)	3_555	N
O4	O4	3.809(12)	204_555	N
O4	O5	2.641(7)	1_555	N
O4	O5	3.460(8)	204_555	N
O4	Li	2.768(19)	1_555	N
O4	OW1	3.887(10)	1_556	N
O4	OW1	3.335(10)	3_555	N
O5	Si	1.6256(19)	2_555	N
O5	Si2	1.6356(27)	1_555	N

O5	O1	2.602(5)	.	2_554	N
O5	O1	2.635(5)	.	3_554	N
O5	O2	2.581(6)	.	1_555	N
O5	O3	2.680(7)	.	2_555	N
O5	O4	2.641(7)	.	1_555	N
O5	O4	3.460(8)	.	204_555	N
O5	O5	2.671(9)	.	204_555	N
O5	Li	3.422(23)	.	203_454	N
O5	OW1	3.032(10)	.	1_555	N
O5	OW1	3.752(8)	.	2_555	N
Li	Si2	2.947(23)	.	102_544	N
Li	Al	3.158(20)	.	3_555	N
Li	O1	3.546(18)	.	102_544	N
Li	O2	2.157(21)	.	3_555	N
Li	O2	2.637(22)	.	102_544	N
Li	O3	2.339(23)	.	1_555	N
Li	O4	2.768(19)	.	1_555	N
Li	O5	3.422(23)	.	3_555	N
Li	Li	3.353(12)	.	304_554	N
Li	Li	3.353(12)	.	304_555	N
Li	OW1	2.320(12)	.	3_555	N
Li	OW1	1.9502(21)	.	102_545	N
OW1	O1	2.848(8)	.	1_554	N
OW1	O1	3.716(9)	.	3_554	N
OW1	O2	3.462(12)	.	1_554	N
OW1	O2	3.055(12)	.	1_555	N
OW1	O2	3.002(7)	.	4_554	N
OW1	O3	3.253(10)	.	2_554	N
OW1	O3	3.533(9)	.	203_454	N
OW1	O4	3.887(10)	.	1_554	N
OW1	O4	3.335(10)	.	203_454	N
OW1	O5	3.032(10)	.	1_555	N
OW1	O5	3.752(8)	.	102_544	N
OW1	Li	1.9502(21)	.	2_554	N
OW1	Li	2.320(12)	.	203_454	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	Si	O1	116.1(5)	1_554	.	104_543	N
O1	Si	O5	106.57(28)	1_554	.	102_544	N
O1	Si	O5	108.56(27)	1_554	.	203_454	N
O1	Si	O5	108.56(27)	104_543	.	102_544	N
O1	Si	O5	106.57(28)	104_543	.	203_454	N
O5	Si	O5	110.5(5)	102_544	.	203_454	N
O2	Si2	O3	114.04(35)	1_555	.	2_555	N
O2	Si2	O4	107.64(34)	1_555	.	1_555	N
O2	Si2	O5	104.39(32)	1_555	.	1_555	N

O3	Si2	O4	110.6(4)	2_555	.	1_555	N
O3	Si2	O5	111.0(4)	2_555	.	1_555	N
O4	Si2	O5	108.9(4)	1_555	.	1_555	N
O1	Al	O2	112.72(33)	1_555	.	1_555	N
O1	Al	O3	109.87(31)	1_555	.	1_555	N
O1	Al	O4	109.6(4)	1_555	.	203_454	N
O2	Al	O3	109.52(32)	1_555	.	1_555	N
O2	Al	O4	101.37(26)	1_555	.	203_454	N
O3	Al	O4	113.59(35)	1_555	.	203_454	N
Si	O1	Al	134.5(4)	1_556	.	1_555	N
Si2	O2	Al	130.7(4)	1_555	.	1_555	N
Si2	O2	Li	119.9(6)	1_555	.	203_454	N
Al	O2	Li	107.6(6)	1_555	.	203_454	N
Si2	O3	Al	130.8(4)	102_544	.	1_555	N
Si2	O3	Li	94.6(6)	102_544	.	1_555	N
Al	O3	Li	133.9(6)	1_555	.	1_555	N
Si2	O4	Al	135.0(4)	1_555	.	3_555	N
Si	O5	Si2	141.1(4)	2_555	.	1_555	N
O2	Li	O3	136.5(10)	3_555	.	1_555	N
O2	Li	OW1	86.0(7)	3_555	.	3_555	N
O2	Li	OW1	93.8(7)	3_555	.	102_545	N
O3	Li	OW1	98.6(6)	1_555	.	3_555	N
O3	Li	OW1	98.2(8)	1_555	.	102_545	N
OW1	Li	OW1	155.6(12)	3_555	.	102_545	N
Li	OW1	Li	103.1(4)	2_554	.	203_454	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       96.0  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
Li      16.0  0.000  0.000
1.12820 3.95460 0.75080 1.05240 0.61750 85.3905 0.46530 168.261 0.03770
International_Tables_Vol_C
_diffraction_radiation_probe      x-ray
_diffraction_radiation_polarisation_ratio      0.95
_diffraction_radiation_wavelength      0.774453
_diffraction_radiation_type          ?
_pd_proc_ls_profile_R_factor      0.0292
_pd_proc_ls_profile_wR_factor      0.0383
_pd_proc_ls_profile_wR_expected      0.0130
_refine_ls_R_Fsqd_factor      0.15421

_pd_proc_ls_background_function
; GSAS Background function number 1 with 30 terms.
Shifted Chebyshev function of 1st kind
1: 5247.68 2: -2876.33 3: 557.021 4: 1025.42
5: -1677.67 6: 611.443 7: 256.170 8: -734.199
9: 618.224 10: -149.974 11: -209.068 12: 415.614
13: -319.659 14: 84.2233 15: 137.935 16: -253.349
17: 192.213 18: -2.71186 19: -84.2131 20: 132.893
21: -112.921 22: -12.8123 23: 52.4261 24: -46.6839

```

25: 51.5681 26: 23.9185 27: -35.7219 28: 66.0358
29: -67.2780 30: -37.9359

;

_exptl_absorpt_process_details

; GSAS Absorption/surface roughness correction: function number 0

No correction is applied.

;

_exptl_absorpt_correction_T_min 1.00000

_exptl_absorpt_correction_T_max 1.00000

Extinction correction

_gsas_exptl_extinct_corr_T_min 1.00000

_gsas_exptl_extinct_corr_T_max 1.00000

_pd_proc_ls_pref_orient_corr

; March-Dollase

AXIS 1 Ratio= 0.93146 h= 0.000 k= 0.000 l= 1.000

Prefered orientation correction range: Min= 0.89897, Max= 1.23741

;

_pd_proc_ls_profile_function

;

CW Profile function number 3 with 19 terms

Pseudovoigt profile coefficients as parameterized in

P. Thompson, D.E. Cox & J.B. Hastings (1987). J. Appl. Cryst.,20,79-83.

Asymmetry correction of L.W. Finger, D.E. Cox & A. P. Jephcoat (1994).

J. Appl. Cryst.,27,892-900.

#1(GU) = 79.675 #2(GV) = 7.146 #3(GW) = -0.250

#4(GP) = 0.000 #5(LX) = 2.202 #6(LY) = 19.673

#7(S/L) = 0.0005 #8(H/L) = 0.0005

#9(trns) = 0.00 #10(shft)= 0.0000

#11(stec)= 0.00 #12(ptec)= -0.66 #13(sfec)= 0.00

#14(L11) = 0.222 #15(L22) = 0.142 #16(L33) = -0.365

#17(L12) = -0.147 #18(L13) = 0.048 #19(L23) = -0.088

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 2011-03-22T11:23:06

_pd_calc_method "Rietveld Refinement"

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

_pd_meas_2theta_range_min 4.40659

_pd_meas_2theta_range_max 61.55695

_pd_meas_2theta_range_inc 0.00324

_pd_proc_2theta_range_min 4.414508

_pd_proc_2theta_range_max 61.56487

_pd_proc_2theta_range_inc 0.00324

loop_

_pd_meas_counts_total

_pd_proc_ls_weight

_pd_proc_intensity_bkg_calc

_pd_calc_intensity_total

6428.0 0.0 -50857.58594 .

6289.0	0.0	-49798.48828	.
6135.0	0.0	-48755.81641	.
6159.0	0.0	-47730.03906	.
6318.0	0.0	-46720.33203	.
6488.0	0.0	-45726.72656	.
6577.0	0.0	-44749.12109	.
6569.0	0.0	-43787.03125	.
6460.0	0.0	-42840.32813	.
6243.0	0.0	-41908.87891	.
5946.0	0.0	-40992.35547	.
6026.0	0.0	-40090.85938	.
6576.0	0.0	-39203.78125	.
6556.0	0.0	-38331.26172	.
6354.0	0.0	-37472.63672	.
6715.0	0.0	-36628.27344	.
6594.0	0.0	-35797.49219	.
6208.0	0.0	-34980.53125	.
6533.0	0.0	-34177.01172	.
6771.0	0.0	-33386.48438	.
6656.0	0.0	-32609.23633	.
6688.0	0.0	-31844.61914	.
6585.0	0.0	-31092.91602	.
6346.0	0.0	-30353.71094	.
6473.0	0.0	-29626.63867	.
6594.0	0.0	-28911.92383	.
6448.0	0.0	-28209.12305	.
6423.0	0.0	-27518.07031	.
6553.0	0.0	-26838.68945	.
6662.0	0.0	-26170.89648	.
6579.0	0.0	-25514.30078	.
6527.0	0.0	-24868.85156	.
6681.0	0.0	-24234.52734	.
6576.0	0.0	-23610.80664	.
6385.0	0.0	-22997.86719	.
6514.0	0.0	-22395.62500	.
6453.0	0.0	-21803.50000	.
6312.0	0.0	-21221.76563	.
6642.0	0.0	-20649.92969	.
6804.0	0.0	-20088.16992	.
6560.0	0.0	-19536.09961	.
6395.0	0.0	-18993.67773	.
6402.0	0.0	-18460.84961	.
6457.0	0.0	-17937.27344	.
6378.0	0.0	-17422.88477	.
6346.0	0.0	-16917.60742	.
6500.0	0.0	-16421.26758	.
6659.0	0.0	-15933.80469	.
6758.0	0.0	-15454.97070	.
6754.0	0.0	-14984.73438	.
6519.0	0.0	-14522.76172	.
6343.0	0.0	-14069.26172	.
6523.0	0.0	-13623.77148	.
6601.0	0.0	-13186.47266	.
6534.0	0.0	-12757.06836	.

6596.0	0.0	-12335.37305	.
6583.0	0.0	-11921.47852	.
6522.0	0.0	-11515.09766	.
6668.0	0.0	-11116.17871	.
6674.0	0.0	-10724.64648	.
6476.0	0.0	-10340.27051	.
6485.0	0.0	-9963.01367	.
6536.0	0.0	-9592.76660	.
6452.0	0.0	-9229.47656	.
6398.0	0.0	-8872.85938	.
6527.0	0.0	-8523.04297	.
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6467.0	0.0	-6870.32520	.
6536.0	0.0	-6558.51270	.
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6651.0	0.0	-5952.55859	.
6563.0	0.0	-5658.29639	.
6589.0	0.0	-5369.76904	.
6563.0	0.0	-5086.83350	.
6449.0	0.0	-4809.45557	.
6431.0	0.0	-4537.47412	.
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6579.0	0.0	-4009.49268	.
6417.0	0.0	-3753.23755	.
6377.0	0.0	-3502.12671	.
6644.0	0.0	-3256.07349	.
6764.0	0.0	-3014.83032	.
6706.0	0.0	-2778.51587	.
6637.0	0.0	-2546.88452	.
6578.0	0.0	-2320.00635	.
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6528.0	0.0	-1666.63086	.
6450.0	0.0	-1457.68640	.
6652.0	0.0	-1253.04651	.
6692.0	0.0	-1052.64063	.
6580.0	0.0	-856.39191	.
6760.0	0.0	-664.26202	.
6722.0	0.0	-476.14084	.
6392.0	0.0	-291.97498	.
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6678.0	0.0	237.53709	.
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6752.0	0.0	571.92499	.
6750.0	0.0	733.79974	.
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6570.0	0.0	1047.02710	.
6514.0	0.0	1198.56091	.
6493.0	0.0	1346.75586	.
6534.0	0.0	1491.70044	.

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6332.0	0.0	2040.04126	.
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6747.0	0.0	2540.65259	.
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6535.0	0.0	2886.84814	.
6858.0	0.0	2996.96240	.
6784.0	0.0	3104.47852	.
6382.0	0.0	3209.49292	.
6131.0	0.0	3312.00635	.
6230.0	0.0	3412.09961	.
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6382.0	0.0	3698.23730	.
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6824.0	0.0	5657.07178	.
6722.0	0.0	5696.38818	.
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6397.0	0.0	5908.67627	.
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6868.0	0.0	6000.75244	.
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6632.0	0.0	6084.28613	.
6563.0	0.0	6110.32764	.
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6899.0	0.0	6159.85156	.
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6911.0	0.0	6228.01709	.
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6356.0	0.0001562	6436.68066	6436.68066
6451.0	0.0001562	6450.04346	6450.04346
6639.0	0.0001524	6462.85791	6462.85791
6619.0	0.0001524	6475.14404	6475.14404
6488.0	0.0001524	6486.91260	6486.91260
6462.0	0.0001562	6498.18018	6498.18018
6623.0	0.0001524	6508.95850	6508.95850
6759.0	0.0001487	6519.26123	6519.26123
6714.0	0.0001487	6529.10352	6529.10352
6782.0	0.0001487	6538.49609	6538.49609
6838.0	0.0001452	6547.45654	6547.45654
6641.0	0.0001524	6555.99121	6555.99121
6612.0	0.0001524	6564.11768	6564.11768
6763.0	0.0001487	6571.84375	6571.84375
6738.0	0.0001487	6579.18311	6579.18311
6558.0	0.0001524	6586.14990	6586.14990
6466.0	0.0001562	6592.75146	6592.75146
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6799.0	0.0001487	6604.90967	6604.90967
6562.0	0.0001524	6610.48730	6610.48730
6423.0	0.0001562	6615.74512	6615.74512
6588.0	0.0001524	6620.69385	6620.69385
6919.0	0.0001452	6625.34180	6625.34180
6942.0	0.0001452	6629.69971	6629.69971
6719.0	0.0001487	6633.77832	6633.77832
6536.0	0.0001524	6637.58496	6637.58496
6533.0	0.0001524	6641.13037	6641.13037
6663.0	0.0001487	6644.42383	6644.42383

6787.0	0.0001487	6647.47314	6647.47314
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6755.0	0.0001487	6652.87598	6652.87598
6688.0	0.0001487	6655.24463	6655.24463
6656.0	0.0001487	6657.40381	6657.40381
6662.0	0.0001487	6659.36182	6659.36182
6668.0	0.0001487	6661.12451	6661.12451
6605.0	0.0001524	6662.69971	6662.69971
6531.0	0.0001524	6664.09619	6664.09619
6625.0	0.0001524	6665.31982	6665.31982
6860.0	0.0001452	6666.37842	6666.37842
6998.0	0.0001417	6667.27930	6667.27930
6723.0	0.0001487	6668.02783	6668.02783
6544.0	0.0001524	6668.63184	6668.63184
6851.0	0.0001452	6669.09668	6669.09668
7116.0	0.0001417	6669.43018	6669.43018
6966.0	0.0001452	6669.63721	6669.63721
6468.0	0.0001562	6669.72412	6669.72412
6339.0	0.0001562	6669.69629	6669.69629
6481.0	0.0001524	6669.56006	6669.56006
6407.0	0.0001562	6669.32080	6669.32080
6398.0	0.0001562	6668.98438	6668.98438
6564.0	0.0001524	6668.55469	6668.55469
6741.0	0.0001487	6668.03809	6668.03809
6775.0	0.0001487	6667.43945	6667.43945
6707.0	0.0001487	6666.76318	6666.76318
6716.0	0.0001487	6666.01465	6666.01465
6650.0	0.0001487	6665.19824	6665.19824
6572.0	0.0001524	6664.31836	6664.31836
6863.0	0.0001452	6663.37891	6663.37891
7067.0	0.0001417	6662.38525	6662.38525
6898.0	0.0001452	6661.34131	6661.34131
6884.0	0.0001452	6660.25000	6660.25000
6997.0	0.0001417	6659.11670	6659.11670
6976.0	0.0001417	6657.94434	6657.94434
6776.0	0.0001487	6656.73682	6656.73682
6514.0	0.0001524	6655.49854	6655.49854
6395.0	0.0001562	6654.23096	6654.23096
6591.0	0.0001524	6652.93994	6652.93994
6811.0	0.0001452	6651.62744	6651.62744
6668.0	0.0001487	6650.29688	6650.29688
6697.0	0.0001487	6648.95117	6648.95117
6922.0	0.0001452	6647.59375	6647.59375
6840.0	0.0001452	6646.22754	6646.22754
6783.0	0.0001487	6644.85449	6644.85449
6904.0	0.0001452	6643.47852	6643.47852
6885.0	0.0001452	6642.10156	6642.10156
6727.0	0.0001487	6640.72705	6640.72705
6581.0	0.0001524	6639.35645	6639.35645
6608.0	0.0001524	6637.99219	6637.99219
6770.0	0.0001487	6636.63721	6636.63721
6885.0	0.0001452	6635.29297	6635.29297
6726.0	0.0001487	6633.96289	6633.96289
6708.0	0.0001487	6632.64795	6632.64795

7099.0	0.0001417	6631.35059	6631.35059
6991.0	0.0001417	6630.07275	6630.07275
6606.0	0.0001524	6628.81592	6628.81592
6709.0	0.0001487	6627.58252	6627.58252
6849.0	0.0001452	6626.37354	6626.37354
6784.0	0.0001487	6625.19141	6625.19141
6673.0	0.0001487	6624.03711	6624.03711
6660.0	0.0001487	6622.91211	6622.91211
6721.0	0.0001487	6621.81885	6621.81885
6705.0	0.0001487	6620.75732	6620.75732
6715.0	0.0001487	6619.72998	6619.72998
6775.0	0.0001487	6618.73779	6618.73779
6719.0	0.0001487	6617.78174	6617.78174
6703.0	0.0001487	6616.86328	6616.86328
6777.0	0.0001487	6615.98291	6615.98291
6648.0	0.0001487	6615.14258	6615.14258
6626.0	0.0001524	6614.34229	6614.34229
6913.0	0.0001452	6613.58398	6613.58398
6836.0	0.0001452	6612.86865	6612.86865
6665.0	0.0001487	6612.19531	6612.19531
6915.0	0.0001452	6611.56738	6611.56738
6937.0	0.0001452	6610.98340	6610.98340
6680.0	0.0001487	6610.44531	6610.44531
6605.0	0.0001524	6609.95313	6609.95313
6673.0	0.0001487	6609.50781	6609.50781
6756.0	0.0001487	6609.10986	6609.10986
6774.0	0.0001487	6608.76025	6608.76025
6774.0	0.0001487	6608.45850	6608.45850
6787.0	0.0001487	6608.20605	6608.20605
6782.0	0.0001487	6608.00195	6608.00195
6740.0	0.0001487	6607.84814	6607.84814
6671.0	0.0001487	6607.74414	6607.74414
6623.0	0.0001524	6607.68994	6607.68994
6715.0	0.0001487	6607.68652	6607.68652
6897.0	0.0001452	6607.73389	6607.73389
6795.0	0.0001487	6607.83203	6607.83203
6612.0	0.0001524	6607.98145	6607.98145
6658.0	0.0001487	6608.18115	6608.18115
6649.0	0.0001487	6608.43311	6608.43311
6623.0	0.0001524	6608.73584	6608.73584
6785.0	0.0001487	6609.08984	6609.08984
6901.0	0.0001452	6609.49561	6609.49561
6852.0	0.0001452	6609.95215	6609.95215
6741.0	0.0001487	6610.46045	6610.46045
6801.0	0.0001487	6611.01953	6611.01953
6974.0	0.0001417	6611.62988	6611.62988
6929.0	0.0001452	6612.29053	6612.29053
6839.0	0.0001452	6613.00244	6613.00244
6809.0	0.0001452	6613.76514	6613.76514
6680.0	0.0001487	6614.57813	6614.57813
6682.0	0.0001487	6615.44141	6615.44141
6895.0	0.0001452	6616.35400	6616.35400
6889.0	0.0001452	6617.31689	6617.31689
6766.0	0.0001487	6618.32910	6618.32910

6776.0	0.0001487	6619.39014	6619.39014
6825.0	0.0001452	6620.50000	6620.50000
6879.0	0.0001452	6621.65820	6621.65820
6977.0	0.0001417	6622.86475	6622.86475
7167.0	0.0001384	6624.11865	6624.11865
7250.0	0.0001384	6625.41992	6625.41992
6985.0	0.0001417	6626.76807	6626.76807
6710.0	0.0001487	6628.16211	6628.16211
6679.0	0.0001487	6629.60352	6629.60352
6863.0	0.0001452	6631.08936	6631.08936
6913.0	0.0001452	6632.62109	6632.62109
6794.0	0.0001487	6634.19678	6634.19678
6879.0	0.0001452	6635.81641	6635.81641
6932.0	0.0001452	6637.48047	6637.48047
6793.0	0.0001487	6639.18701	6639.18701
6746.0	0.0001487	6640.93652	6640.93652
6762.0	0.0001487	6642.72803	6642.72803
6766.0	0.0001487	6644.56006	6644.56006
6884.0	0.0001452	6646.43457	6646.43457
6929.0	0.0001452	6648.34863	6648.34863
6758.0	0.0001487	6650.30273	6650.30273
6801.0	0.0001487	6652.29541	6652.29541
6954.0	0.0001452	6654.32813	6654.32813
6877.0	0.0001452	6656.39746	6656.39746
6936.0	0.0001452	6658.50439	6658.50439
7039.0	0.0001417	6660.64941	6660.64941
6792.0	0.0001487	6662.82910	6662.82910
6820.0	0.0001452	6665.04590	6665.04590
7153.0	0.0001384	6667.29639	6667.29639
7043.0	0.0001417	6669.58154	6669.58154
6859.0	0.0001452	6671.90088	6671.90088
6963.0	0.0001452	6674.25244	6674.25244
7131.0	0.0001417	6676.63721	6676.63721
7038.0	0.0001417	6679.05322	6679.05322
6682.0	0.0001487	6681.50049	6681.50049
6613.0	0.0001524	6683.97803	6683.97803
6763.0	0.0001487	6686.48486	6686.48486
6801.0	0.0001487	6689.02197	6689.02197
6661.0	0.0001487	6691.58691	6691.58691
6714.0	0.0001487	6694.18066	6694.18066
7176.0	0.0001384	6696.80029	6696.80029
7136.0	0.0001417	6699.44580	6699.44580
6666.0	0.0001487	6702.11914	6702.11914
6550.0	0.0001524	6704.81641	6704.81641
6568.0	0.0001524	6707.53857	6707.53857
6638.0	0.0001524	6710.28369	6710.28369
6937.0	0.0001452	6713.05322	6713.05322
7036.0	0.0001417	6715.84473	6715.84473
6841.0	0.0001452	6718.65771	6718.65771
6822.0	0.0001452	6721.49170	6721.49170
6789.0	0.0001487	6724.34619	6724.34619
6605.0	0.0001524	6727.22119	6727.22119
6599.0	0.0001524	6730.11475	6730.11475
6796.0	0.0001487	6733.02686	6733.02686

6959.0	0.0001452	6735.95752	6735.95752
6729.0	0.0001487	6738.90381	6738.90381
6559.0	0.0001524	6741.86865	6741.86865
6850.0	0.0001452	6744.84766	6744.84766
6701.0	0.0001487	6747.84326	6747.84326
6476.0	0.0001562	6750.85205	6750.85205
7011.0	0.0001417	6753.87451	6753.87451
7118.0	0.0001417	6756.91211	6756.91211
6736.0	0.0001487	6759.96143	6759.96143
6874.0	0.0001452	6763.02246	6763.02246
6992.0	0.0001417	6766.09570	6766.09570
6799.0	0.0001487	6769.17822	6769.17822
6736.0	0.0001487	6772.27246	6772.27246
6992.0	0.0001417	6775.37598	6775.37598
7276.0	0.0001384	6778.48828	6778.48828
6943.0	0.0001452	6781.60742	6781.60742
6695.0	0.0001487	6784.73682	6784.73682
7023.0	0.0001417	6787.87207	6787.87207
7072.0	0.0001417	6791.01367	6791.01367
6792.0	0.0001487	6794.16162	6794.16162
6588.0	0.0001524	6797.31396	6797.31396
6681.0	0.0001487	6800.47314	6800.47314
6889.0	0.0001452	6803.63477	6803.63477
6937.0	0.0001452	6806.80029	6806.80029
6988.0	0.0001417	6809.96973	6809.96973
7031.0	0.0001417	6813.14063	6813.14063
6935.0	0.0001452	6816.31445	6816.31445
6914.0	0.0001452	6819.48975	6819.48975
6957.0	0.0001452	6822.66553	6822.66553
6842.0	0.0001452	6825.84131	6825.84131
6838.0	0.0001452	6829.01611	6829.01611
6993.0	0.0001417	6832.19287	6832.19287
6948.0	0.0001452	6835.36670	6835.36670
6852.0	0.0001452	6838.53906	6838.53906
6890.0	0.0001452	6841.70947	6841.70947
6972.0	0.0001452	6844.87598	6844.87598
6953.0	0.0001452	6848.04150	6848.04150
6836.0	0.0001452	6851.20166	6851.20166
6908.0	0.0001452	6854.35889	6854.35889
7043.0	0.0001417	6857.50977	6857.50977
6984.0	0.0001417	6860.65820	6860.65820
6854.0	0.0001452	6863.79883	6863.79883
6780.0	0.0001487	6866.93408	6866.93408
6816.0	0.0001452	6870.06299	6870.06299
6909.0	0.0001452	6873.18408	6873.18408
6973.0	0.0001417	6876.29980	6876.29980
6940.0	0.0001452	6879.40723	6879.40723
6863.0	0.0001452	6882.50537	6882.50537
6835.0	0.0001452	6885.59619	6885.59619
6922.0	0.0001452	6888.67676	6888.67676
6985.0	0.0001417	6891.75000	6891.75000
6967.0	0.0001452	6894.81201	6894.81201
6991.0	0.0001417	6897.86475	6897.86475
6895.0	0.0001452	6900.90625	6900.90625

6683.0	0.0001487	6903.93652	6903.93652
6820.0	0.0001452	6906.95752	6906.95752
7003.0	0.0001417	6909.96533	6909.96533
6842.0	0.0001452	6912.96191	6912.96191
6754.0	0.0001487	6915.94629	6915.94629
6825.0	0.0001452	6918.91650	6918.91650
6893.0	0.0001452	6921.87598	6921.87598
6985.0	0.0001417	6924.82129	6924.82129
7071.0	0.0001417	6927.75293	6927.75293
7061.0	0.0001417	6930.67090	6930.67090
6938.0	0.0001452	6933.57422	6933.57422
6810.0	0.0001452	6936.46436	6936.46436
6839.0	0.0001452	6939.33887	6939.33887
6906.0	0.0001452	6942.19873	6942.19873
6958.0	0.0001452	6945.04248	6945.04248
7097.0	0.0001417	6947.87256	6947.87256
7121.0	0.0001417	6950.68506	6950.68506
6974.0	0.0001417	6953.48193	6953.48193
6980.0	0.0001417	6956.26318	6956.26318
7008.0	0.0001417	6959.02686	6959.02686
6870.0	0.0001452	6961.77539	6961.77539
6760.0	0.0001487	6964.50537	6964.50537
6762.0	0.0001487	6967.21826	6967.21826
6855.0	0.0001452	6969.91504	6969.91504
6992.0	0.0001417	6972.59277	6972.59277
6998.0	0.0001417	6975.25391	6975.25391
6775.0	0.0001487	6977.89648	6977.89648
6775.0	0.0001487	6980.52100	6980.52100
6983.0	0.0001417	6983.12646	6983.12646
6957.0	0.0001452	6985.71338	6985.71338
6817.0	0.0001452	6988.28320	6988.28320
6749.0	0.0001487	6990.83301	6990.83301
6798.0	0.0001487	6993.36475	6993.36475
6846.0	0.0001452	6995.87598	6995.87598
6842.0	0.0001452	6998.36768	6998.36768
6887.0	0.0001452	7000.84180	7000.84180
6902.0	0.0001452	7003.29541	7003.29541
6838.0	0.0001452	7005.72949	7005.72949
6852.0	0.0001452	7008.14355	7008.14355
6920.0	0.0001452	7010.53809	7010.53809
6940.0	0.0001452	7012.91260	7012.91260
6886.0	0.0001452	7015.26660	7015.26660
6803.0	0.0001487	7017.60059	7017.60059
6801.0	0.0001487	7019.91357	7019.91357
7021.0	0.0001417	7022.20801	7022.20801
7227.0	0.0001384	7024.48096	7024.48096
7052.0	0.0001417	7026.73340	7026.73340
6916.0	0.0001452	7028.96533	7028.96533
6980.0	0.0001417	7031.17627	7031.17627
6975.0	0.0001417	7033.36768	7033.36768
6930.0	0.0001452	7035.53760	7035.53760
6932.0	0.0001452	7037.68750	7037.68750
7009.0	0.0001417	7039.81543	7039.81543
7148.0	0.0001384	7041.92285	7041.92285

7245.0	0.0001384	7044.01025	7044.01025
7110.0	0.0001417	7046.07617	7046.07617
6894.0	0.0001452	7048.12158	7048.12158
6837.0	0.0001452	7050.14600	7050.14600
6967.0	0.0001452	7052.14893	7052.14893
7061.0	0.0001417	7054.13184	7054.13184
6950.0	0.0001452	7056.09326	7056.09326
6948.0	0.0001452	7058.03418	7058.03418
7036.0	0.0001417	7059.95361	7059.95361
7001.0	0.0001417	7061.85352	7061.85352
7068.0	0.0001417	7063.73193	7063.73193
7192.0	0.0001384	7065.58936	7065.58936
7084.0	0.0001417	7067.42627	7067.42627
6999.0	0.0001417	7069.24219	7069.24219
7075.0	0.0001417	7071.03857	7071.03857
7144.0	0.0001384	7072.81299	7072.81299
7146.0	0.0001384	7074.56738	7074.56738
7142.0	0.0001384	7076.30127	7076.30127
7263.0	0.0001384	7078.01465	7078.01465
7288.0	0.0001384	7079.70801	7079.70801
7088.0	0.0001417	7081.38037	7081.38037
6983.0	0.0001417	7083.03320	7083.03320
6945.0	0.0001452	7084.66553	7084.66553
6885.0	0.0001452	7086.27734	7086.27734
7063.0	0.0001417	7087.87061	7087.87061
7317.0	0.0001352	7089.44287	7089.44287
7287.0	0.0001384	7090.99561	7090.99561
7031.0	0.0001417	7092.52832	7092.52832
6829.0	0.0001452	7094.04150	7094.04150
6950.0	0.0001452	7095.53564	7095.53564
7167.0	0.0001384	7097.00977	7097.00977
7121.0	0.0001417	7098.46533	7098.46533
6625.0	0.0001524	7099.90137	7099.90137
6437.0	0.0001562	7101.31836	7101.31836
6822.0	0.0001452	7102.71631	7102.71631
7062.0	0.0001417	7104.09521	7104.09521
7063.0	0.0001417	7105.45605	7105.45605
6970.0	0.0001452	7106.79736	7106.79736
6864.0	0.0001452	7108.12158	7108.12158
6885.0	0.0001452	7109.42676	7109.42676
7043.0	0.0001417	7110.71387	7110.71387
7023.0	0.0001417	7111.98291	7111.98291
6917.0	0.0001452	7113.23389	7113.23389
6976.0	0.0001417	7114.46729	7114.46729
7088.0	0.0001417	7115.68311	7115.68311
7098.0	0.0001417	7116.88232	7116.88232
6965.0	0.0001452	7118.06299	7118.06299
6987.0	0.0001417	7119.22705	7119.22705
7147.0	0.0001384	7120.37451	7120.37451
7143.0	0.0001384	7121.50488	7121.50488
7132.0	0.0001417	7122.61914	7122.61914
7209.0	0.0001384	7123.71582	7123.71582
7243.0	0.0001384	7124.79688	7124.79688
7184.0	0.0001384	7125.86230	7125.86230

7104.0	0.0001417	7126.91113	7126.91113
7154.0	0.0001384	7127.94434	7127.94434
7154.0	0.0001384	7128.96143	7128.96143
7044.0	0.0001417	7129.96436	7129.96436
7223.0	0.0001384	7130.95117	7130.95117
7354.0	0.0001352	7131.92285	7131.92285
7067.0	0.0001417	7132.88037	7132.88037
6962.0	0.0001452	7133.82227	7133.82227
7073.0	0.0001417	7134.75049	7134.75049
7044.0	0.0001417	7135.66406	7135.66406
6917.0	0.0001452	7136.56348	7136.56348
6913.0	0.0001452	7137.44971	7137.44971
7174.0	0.0001384	7138.32129	7138.32129
7166.0	0.0001384	7139.17969	7139.17969
6878.0	0.0001452	7140.02441	7140.02441
6902.0	0.0001452	7140.85645	7140.85645
6998.0	0.0001417	7141.67578	7141.67578
7008.0	0.0001417	7142.48193	7142.48193
7195.0	0.0001384	7143.27588	7143.27588
7240.0	0.0001384	7144.05713	7144.05713
6995.0	0.0001417	7144.82666	7144.82666
6970.0	0.0001452	7145.58398	7145.58398
7065.0	0.0001417	7146.32910	7146.32910
7036.0	0.0001417	7147.06348	7147.06348
7062.0	0.0001417	7147.78662	7183.95557
7088.0	0.0001417	7148.49854	7185.00293
7000.0	0.0001417	7149.19922	7186.04297
7020.0	0.0001417	7149.88916	7187.07715
7148.0	0.0001384	7150.56934	7188.10693
7212.0	0.0001384	7151.23877	7189.13037
7240.0	0.0001384	7151.89844	7190.14941
7227.0	0.0001384	7152.54785	7191.16309
7125.0	0.0001417	7153.18848	7192.17334
7062.0	0.0001417	7153.81885	7193.17871
7096.0	0.0001417	7154.44043	7194.18066
7133.0	0.0001417	7155.05273	7195.17920
7119.0	0.0	7155.65625	.
7112.0	0.0	7156.25195	.
7283.0	0.0	7156.83887	.
7530.0	0.0	7157.41748	.
7656.0	0.0	7157.98877	.
7570.0	0.0	7158.55176	.
7590.0	0.0	7159.10742	.
7965.0	0.0	7159.65576	.
8248.0	0.0	7160.19775	.
8598.0	0.0	7160.73193	.
9456.0	0.0	7161.25977	.
10542.0	0.0	7161.78174	.
11801.0	0.0	7162.29688	.
13329.0	0.0	7162.80664	.
14457.0	0.0	7163.31006	.
14880.0	0.0	7163.80811	.
14826.0	0.0	7164.30127	.
14025.0	0.0	7164.78906	.

12544.0	0.0	7165.27197	.
11094.0	0.0	7165.75000	.
9945.0	0.0	7166.22363	.
9122.0	0.0	7166.69336	.
8578.0	0.0	7167.15820	.
8225.0	0.0	7167.62012	.
7975.0	0.0	7168.07813	.
7771.0	0.0	7168.53271	.
7539.0	0.0	7168.98389	.
7274.0	0.0	7169.43213	.
7186.0	0.0	7169.87793	.
7241.0	0.0	7170.32031	.
7255.0	0.0001384	7170.76123	7226.31787
7305.0	0.0001384	7171.19922	7227.39453
7359.0	0.0001352	7171.63574	7228.48047
7274.0	0.0001384	7172.06982	7229.57568
7188.0	0.0001384	7172.50293	7230.68115
7151.0	0.0001384	7172.93457	7231.79736
7047.0	0.0001417	7173.36475	7232.92432
7096.0	0.0001417	7173.79443	7234.06299
7339.0	0.0001352	7174.22314	7235.21338
7416.0	0.0001352	7174.65137	7236.37598
7610.0	0.0001321	7175.07910	7237.55225
7105.0	0.0001417	7175.50635	7238.74121
7086.0	0.0001417	7175.93359	7239.94434
7185.0	0.0001384	7176.36133	7241.16211
7244.0	0.0001384	7176.79004	7242.39600
7113.0	0.0001417	7177.21875	7243.64453
7428.0	0.0001352	7177.64746	7244.90869
7127.0	0.0001417	7178.07813	7246.19043
7341.0	0.0001352	7178.50977	7247.48926
7136.0	0.0001417	7178.94287	7248.80713
7182.0	0.0001384	7179.37695	7250.14209
7117.0	0.0001417	7179.81299	7251.49707
7308.0	0.0001384	7180.25098	7252.87207
7092.0	0.0001417	7180.69092	7254.26709
7055.0	0.0001417	7181.13330	7255.68408
6730.0	0.0001487	7181.57813	7257.12256
7452.0	0.0001352	7182.02539	7258.58350
7025.0	0.0001417	7182.47510	7260.06738
7282.0	0.0001384	7182.92822	7261.57568
7088.0	0.0001417	7183.38428	7263.10889
7143.0	0.0001384	7183.84326	7264.66699
7224.0	0.0001384	7184.30615	7266.25195
7189.0	0.0001384	7184.77246	7267.86377
7360.0	0.0001352	7185.24268	7269.50342
7523.0	0.0001321	7185.71680	7271.17285
7027.0	0.0001417	7186.19482	7272.87061
7159.0	0.0001384	7186.67773	7274.60010
7397.0	0.0001352	7187.16406	7276.35986
7111.0	0.0001417	7187.65576	7278.15332
7129.0	0.0001417	7188.15186	7279.97949
7364.0	0.0001352	7188.65332	7281.84033
7261.0	0.0001384	7189.15967	7283.73682

7477.0	0.0001352	7189.67090	7285.66895
7052.0	0.0001417	7190.18750	7287.63965
7212.0	0.0001384	7190.70947	7289.64795
7296.0	0.0001384	7191.23779	7291.69727
7427.0	0.0001352	7191.77148	7293.78760
7182.0	0.0001384	7192.31104	7295.91943
7153.0	0.0001384	7192.85645	7298.09521
7196.0	0.0001384	7193.40869	7300.31641
7052.0	0.0001417	7193.96680	7302.58398
7283.0	0.0001384	7194.53125	7304.89844
6852.0	0.0001452	7195.10254	7307.26221
7301.0	0.0001384	7195.68115	7309.67822
7457.0	0.0001352	7196.26611	7312.14502
7517.0	0.0001321	7196.85791	7314.66650
7216.0	0.0001384	7197.45703	7317.24316
7268.0	0.0001384	7198.06348	7319.87695
7387.0	0.0001352	7198.67725	7322.57080
7114.0	0.0001417	7199.29883	7325.32568
7110.0	0.0001417	7199.92773	7328.14404
7170.0	0.0001384	7200.56445	7331.02637
7268.0	0.0001384	7201.20947	7333.97803
7047.0	0.0001417	7201.86182	7336.99756
7291.0	0.0001384	7202.52246	7340.08936
7101.0	0.0001417	7203.19189	7343.25635
7514.0	0.0001321	7203.86865	7346.49805
7219.0	0.0001384	7204.55420	7349.82129
6982.0	0.0001417	7205.24902	7353.22656
7243.0	0.0001384	7205.95166	7356.71631
7400.0	0.0001352	7206.66309	7360.29443
7173.0	0.0001384	7207.38379	7363.96338
7341.0	0.0001352	7208.11328	7367.72803
7278.0	0.0001384	7208.85156	7371.58936
7276.0	0.0001384	7209.59961	7375.55371
7363.0	0.0001352	7210.35645	7379.62207
7227.0	0.0001384	7211.12207	7383.79883
7622.0	0.0001321	7211.89795	7388.09131
7305.0	0.0001384	7212.68311	7392.50049
7261.0	0.0001384	7213.47754	7397.03223
7313.0	0.0001352	7214.28174	7401.69043
7498.0	0.0001321	7215.09570	7406.48047
7566.0	0.0001321	7215.91992	7411.41016
7463.0	0.0001352	7216.75391	7416.48145
7198.0	0.0001384	7217.59766	7421.70264
7419.0	0.0001352	7218.45117	7427.07666
7143.0	0.0001384	7219.31543	7432.61572
7333.0	0.0001352	7220.18994	7438.32178
7109.0	0.0001417	7221.07422	7444.20361
7372.0	0.0001352	7221.96924	7450.27002
7573.0	0.0001321	7222.87402	7456.52588
7350.0	0.0001352	7223.79053	7462.98633
7307.0	0.0001384	7224.71631	7469.65283
7603.0	0.0001321	7225.65332	7476.53955
7499.0	0.0001321	7226.60107	7483.65723
7282.0	0.0001384	7227.55908	7491.01221

7478.0	0.0001352	7228.52881	7498.62354
7453.0	0.0001352	7229.50830	7506.49609
7513.0	0.0001321	7230.49902	7514.64600
7599.0	0.0001321	7231.50098	7523.08936
7438.0	0.0001352	7232.51318	7531.83496
7506.0	0.0001321	7233.53711	7540.90771
7148.0	0.0001384	7234.57227	7550.31689
7668.0	0.0001291	7235.61816	7560.08350
7665.0	0.0001291	7236.67480	7570.22461
7340.0	0.0001352	7237.74316	7580.76123
7687.0	0.0001291	7238.82275	7591.72217
7819.0	0.0001291	7239.91357	7603.12158
7694.0	0.0001291	7241.01563	7614.99121
7457.0	0.0001352	7242.12891	7627.35400
7696.0	0.0001291	7243.25342	7640.23926
7608.0	0.0001321	7244.39014	7653.68799
7735.0	0.0001291	7245.53760	7667.72168
7794.0	0.0001291	7246.69727	7682.38574
7379.0	0.0001352	7247.86719	7697.70947
7644.0	0.0001321	7249.04980	7713.75293
7800.0	0.0001291	7250.24316	7730.54541
7611.0	0.0001321	7251.44824	7748.14502
7821.0	0.0001291	7252.66504	7766.60840
7907.0	0.0001262	7253.89307	7785.98535
7590.0	0.0001321	7255.13330	7806.35791
8015.0	0.0001235	7256.38477	7827.77881
7974.0	0.0001262	7257.64795	7850.33203
7968.0	0.0001262	7258.92285	7874.10596
7885.0	0.0001262	7260.20898	7899.17871
7748.0	0.0001291	7261.50732	7925.67529
8066.0	0.0001235	7262.81689	7953.68213
7939.0	0.0001262	7264.13867	7983.33691
7786.0	0.0001291	7265.47168	8014.76221
8089.0	0.0001235	7266.81592	8048.10547
8007.0	0.0001262	7268.17285	8083.55713
8389.0	0.0001181	7269.54102	8121.26709
8387.0	0.0001181	7270.92090	8161.45752
7911.0	0.0001262	7272.31201	8204.33789
8392.0	0.0001181	7273.71484	8250.15918
8420.0	0.0001181	7275.12988	8299.23730
8483.0	0.0001181	7276.55615	8351.84277
8517.0	0.0001181	7277.99414	8408.35645
8628.0	0.0001156	7279.44336	8469.14551
8465.0	0.0001181	7280.90479	8534.71777
8671.0	0.0001156	7282.37793	8605.52246
8771.0	0.0001132	7283.86230	8682.16309
8885.0	0.0001132	7285.35840	8765.31543
9113.0	0.0001108	7286.86523	8855.68555
9324.0	0.0001063	7288.38477	8954.22949
9470.0	0.0001063	7289.91504	9061.85352
9588.0	0.0001041	7291.45703	9179.75488
9817.0	0.0001020	7293.01074	9309.30566
9768.0	0.0001020	7294.57520	9452.01660
10013.0	0.0001000	7296.15186	9609.90234

9988.0	0.0001000	7297.73926	9785.06348
10244.0	0.0000980	7299.33838	9980.31055
10834.0	0.0000925	7300.94873	10198.89160
11094.0	0.0000907	7302.57031	10444.90625
11676.0	0.0000857	7304.20361	10723.69727
11673.0	0.0000857	7305.84717	11041.48926
12393.0	0.0000812	7307.50293	11406.63770
12621.0	0.0000797	7309.16943	11829.32910
13365.0	0.0000743	7310.84668	12322.46680
13891.0	0.0000718	7312.53564	12902.51855
14958.0	0.0000672	7314.23535	13588.54980
15946.0	0.0000630	7315.94678	14404.36035
17148.0	0.0000583	7317.66797	15376.82227
17948.0	0.0000557	7319.40137	16538.02148
19671.0	0.0000510	7321.14453	17921.08594
21323.0	0.0000469	7322.89893	19562.29102
23009.0	0.0000433	7324.66455	21497.23438
25771.0	0.0000386	7326.43994	23755.08789
28417.0	0.0000350	7328.22705	26356.29102
30944.0	0.0000323	7330.02441	29292.14844
33949.0	0.0000295	7331.83252	32512.83398
36262.0	0.0000277	7333.65088	35896.26172
39732.0	0.0000253	7335.47949	39216.78516
41899.0	0.0000238	7337.31982	42141.85938
42975.0	0.0000233	7339.16943	44261.03125
43417.0	0.0000231	7341.03027	45206.02344
43906.0	0.0000227	7342.90039	44790.18750
41950.0	0.0000238	7344.78076	43098.45313
38650.0	0.0000258	7346.67285	40443.15625
35575.0	0.0000280	7348.57373	37235.86719
31987.0	0.0000312	7350.48535	33847.36719
27918.0	0.0000359	7352.40674	30547.23828
25595.0	0.0000391	7354.33789	27494.66406
22491.0	0.0000444	7356.27930	24762.85547
20718.0	0.0000482	7358.23047	22375.40430
18668.0	0.0000533	7360.19141	20320.42969
16700.0	0.0000601	7362.16162	18572.31055
15860.0	0.0000630	7364.14258	17095.53320
15057.0	0.0000661	7366.13232	15855.57617
13629.0	0.0000731	7368.13184	14816.80176
12976.0	0.0000769	7370.14111	13946.64355
12105.0	0.0000826	7372.15869	13216.66406
11631.0	0.0000857	7374.18750	12601.22070
11155.0	0.0000890	7376.22412	12079.85449
10913.0	0.0000925	7378.27002	11634.92871
10420.0	0.0000961	7380.32568	11252.27539
9990.0	0.0001000	7382.39014	10920.80273
9389.0	0.0001063	7384.46436	10631.24121
9494.0	0.0001063	7386.54639	10376.77734
9271.0	0.0001085	7388.63818	10151.63086
9055.0	0.0001108	7390.73828	9951.40039
9276.0	0.0001085	7392.84668	9772.46680
8964.0	0.0001108	7394.96484	9611.77148
8893.0	0.0001132	7397.09082	9467.05664

8854.0	0.0001132	7399.22607	9336.22266
8444.0	0.0001181	7401.36914	9217.62695
8726.0	0.0001156	7403.52002	9109.82715
8775.0	0.0001132	7405.68066	9011.51953
8731.0	0.0001156	7407.84863	8921.73926
8436.0	0.0001181	7410.02588	8839.51758
8348.0	0.0001208	7412.20996	8764.10059
8349.0	0.0001208	7414.40332	8694.72559
8409.0	0.0001181	7416.60303	8630.84766
7994.0	0.0001262	7418.81152	8571.90527
8158.0	0.0001235	7421.02783	8517.41602
8065.0	0.0001235	7423.25146	8466.99121
8111.0	0.0001235	7425.48389	8420.21387
8202.0	0.0001208	7427.72266	8376.79883
7688.0	0.0001291	7429.96924	8336.43652
7955.0	0.0001262	7432.22412	8298.85547
7582.0	0.0001321	7434.48486	8263.84180
7927.0	0.0001262	7436.75391	8231.15234
7878.0	0.0001262	7439.03027	8200.62988
8164.0	0.0001235	7441.31348	8172.08398
8117.0	0.0001235	7443.60352	8145.37158
7889.0	0.0001262	7445.90039	8120.35254
7747.0	0.0001291	7448.20508	8096.88135
8047.0	0.0001235	7450.51563	8074.86523
7649.0	0.0001321	7452.83398	8054.18750
7921.0	0.0001262	7455.15820	8034.76025
7874.0	0.0001262	7457.48877	8016.49561
7768.0	0.0001291	7459.82715	7999.30029
7417.0	0.0001352	7462.17090	7983.11816
7870.0	0.0001262	7464.52148	7967.87305
7446.0	0.0001352	7466.87744	7953.51172
7636.0	0.0001321	7469.24072	7939.96436
7822.0	0.0001291	7471.60986	7927.19238
7732.0	0.0001291	7473.98486	7915.14258
7793.0	0.0001291	7476.36621	7903.76758
7654.0	0.0001321	7478.75244	7893.03320
7940.0	0.0001262	7481.14600	7882.89160
7844.0	0.0001262	7483.54443	7873.31787
7622.0	0.0001321	7485.94873	7864.27490
7493.0	0.0001321	7488.35840	7855.73096
7251.0	0.0001384	7490.77344	7847.66309
7616.0	0.0001321	7493.19531	7840.03760
7636.0	0.0001321	7495.62109	7832.83594
7321.0	0.0001352	7498.05225	7826.03418
7434.0	0.0001352	7500.48975	7819.60986
7379.0	0.0001352	7502.93115	7813.54590
7678.0	0.0001291	7505.37891	7807.81836
7569.0	0.0001321	7507.83057	7802.41504
7600.0	0.0001321	7510.28760	7797.31689
7831.0	0.0001291	7512.74951	7792.51123
7551.0	0.0001321	7515.21582	7787.98291
7844.0	0.0001262	7517.68750	7783.71484
7629.0	0.0001321	7520.16309	7779.69922
7561.0	0.0001321	7522.64404	7775.92188

7747.0	0.0001291	7525.12891	7772.37256
7756.0	0.0001291	7527.61768	7769.04053
7410.0	0.0001352	7530.11230	7765.91455
7576.0	0.0001321	7532.60986	7762.98682
7735.0	0.0001291	7535.11279	7760.24805
7844.0	0.0001262	7537.61865	7757.69043
7360.0	0.0001352	7540.12988	7755.30420
7532.0	0.0001321	7542.64404	7753.08398
7637.0	0.0001321	7545.16211	7751.02197
7821.0	0.0001291	7547.68457	7749.11084
7510.0	0.0001321	7550.21045	7747.34668
7583.0	0.0001321	7552.74023	7745.71875
7689.0	0.0001291	7555.27344	7744.22607
7737.0	0.0001291	7557.81006	7742.86133
7749.0	0.0001291	7560.35107	7741.61963
7577.0	0.0001321	7562.89453	7740.49609
7405.0	0.0001352	7565.44238	7739.48535
7822.0	0.0001291	7567.99268	7738.58350
7635.0	0.0001321	7570.54688	7737.78662
7788.0	0.0001291	7573.10400	7737.09131
7410.0	0.0001352	7575.66309	7736.49219
7307.0	0.0001384	7578.22705	7735.98633
7802.0	0.0001291	7580.79346	7735.57080
7309.0	0.0001384	7583.36279	7735.24121
7652.0	0.0001321	7585.93457	7734.99561
7365.0	0.0001352	7588.50879	7734.83008
7723.0	0.0001291	7591.08691	7734.74219
7611.0	0.0001321	7593.66699	7734.72900
7357.0	0.0001352	7596.25000	7734.78760
7429.0	0.0001352	7598.83447	7790.69385
7890.0	0.0001262	7601.42334	7791.85742
7566.0	0.0001321	7604.01367	7793.11133
7849.0	0.0001262	7606.60645	7794.45410
7623.0	0.0001321	7609.20117	7795.88428
8078.0	0.0001235	7611.79785	7797.40039
7857.0	0.0001262	7614.39795	7799.00391
7567.0	0.0001321	7617.00000	7800.69189
7859.0	0.0001262	7619.60352	7802.46387
7624.0	0.0001321	7622.20996	7804.32080
7445.0	0.0001352	7624.81689	7806.25928
7525.0	0.0001321	7627.42725	7808.28223
7621.0	0.0001321	7630.03906	7810.38770
7766.0	0.0001291	7632.65234	7812.57520
7829.0	0.0001291	7635.26807	7814.84668
7798.0	0.0001291	7637.88428	7817.19971
7867.0	0.0001262	7640.50342	7819.63770
7656.0	0.0001321	7643.12402	7822.15869
7528.0	0.0001321	7645.74609	7824.76465
7805.0	0.0001291	7648.36914	7827.45508
7618.0	0.0001321	7650.99365	7830.23096
7605.0	0.0001321	7653.62158	7833.09619
7603.0	0.0001321	7656.24902	7836.04785
7433.0	0.0001352	7658.87842	7839.08936
7867.0	0.0001262	7661.50830	7842.22119

7620.0	0.0001321	7664.14160	7845.44775
7480.0	0.0001352	7666.77393	7848.76611
7797.0	0.0001291	7669.40820	7852.18213
7718.0	0.0001291	7672.04443	7855.69727
7787.0	0.0001291	7674.68018	7859.31201
7561.0	0.0001321	7677.31885	7863.03271
7996.0	0.0001262	7679.95752	7866.85742
7320.0	0.0001352	7682.59668	7870.79199
7604.0	0.0001321	7685.23779	7874.84033
7733.0	0.0001291	7687.87842	7879.00293
7654.0	0.0001321	7690.52197	7883.28906
7426.0	0.0001352	7693.16553	7887.69824
7694.0	0.0001291	7695.81006	7892.23682
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7660.0	0.0001291	7701.10010	7901.71729
7843.0	0.0001262	7703.74756	7906.67432
8204.0	0.0001208	7706.39404	7911.77881
7434.0	0.0001352	7709.04297	7917.04346
7869.0	0.0001262	7711.69092	7922.46973
7723.0	0.0001291	7714.33984	7928.06689
7820.0	0.0001291	7716.99072	7933.84717
7908.0	0.0	7719.64063	.
7716.0	0.0	7722.29199	.
8035.0	0.0	7724.94287	.
7879.0	0.0	7727.59570	.
8001.0	0.0	7730.24854	.
8014.0	0.0	7732.90088	.
8165.0	0.0	7735.55420	.
8300.0	0.0	7738.20752	.
8204.0	0.0	7740.86279	.
8581.0	0.0	7743.51709	.
9385.0	0.0	7746.17188	.
9940.0	0.0	7748.82764	.
10653.0	0.0	7751.48242	.
10540.0	0.0	7754.13916	.
11005.0	0.0	7756.79541	.
10916.0	0.0	7759.45264	.
9937.0	0.0	7762.10889	.
10049.0	0.0	7764.76563	.
8964.0	0.0	7767.42383	.
8725.0	0.0	7770.08105	.
8966.0	0.0	7772.73926	.
8357.0	0.0	7775.39746	.
8365.0	0.0	7778.05518	.
7962.0	0.0	7780.71484	.
8169.0	0.0	7783.37354	.
8031.0	0.0	7786.03271	.
8097.0	0.0	7788.69141	.
7807.0	0.0	7791.35205	.
8192.0	0.0	7794.01123	.
8221.0	0.0001208	7796.67090	8278.84863
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7784.0	0.0001291	7801.99170	8327.36328
8027.0	0.0001235	7804.65283	8354.21094

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7832.0	0.0001262	7809.97461	8413.98145
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8373.0	0.0001181	7817.95947	8522.49609
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8345.0	0.0001208	7828.60938	8716.75000
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8603.0	0.0001156	7841.92920	9092.35547
8606.0	0.0001156	7844.59521	9195.10254
8709.0	0.0001156	7847.26074	9310.66504
8930.0	0.0001132	7849.92725	9441.35840
9196.0	0.0001085	7852.59277	9589.90625
9299.0	0.0001085	7855.25879	9759.76563
9282.0	0.0001085	7857.92725	9955.51074
9438.0	0.0001063	7860.59473	10182.81738
9829.0	0.0001020	7863.26270	10449.88379
10329.0	0.0000961	7865.93115	10768.23145
10714.0	0.0000925	7868.60107	11155.79492
11072.0	0.0000907	7871.27100	11639.41602
11586.0	0.0000857	7873.94189	12261.09375
12391.0	0.0000812	7876.61328	13047.53125
13574.0	0.0000731	7879.28418	14160.96484
15124.0	0.0000661	7881.95801	15686.04980
16928.0	0.0000592	7884.63086	17768.58984
19327.0	0.0000518	7887.30518	20569.77148
22817.0	0.0000439	7889.97998	24238.78906
27550.0	0.0000363	7892.65527	28870.08984
33464.0	0.0000299	7895.33301	34457.55078
40203.0	0.0000248	7898.01025	40793.00781
46825.0	0.0000214	7900.68848	47352.18750
52303.0	0.0000191	7903.36816	53137.72266
55706.0	0.0000180	7906.04834	56758.82422
56406.0	0.0000178	7908.72998	57038.97656
54186.0	0.0000184	7911.41260	53875.83594
49290.0	0.0000203	7914.09668	48330.52344
42393.0	0.0000236	7916.78125	41818.83594
35002.0	0.0000286	7919.46631	35411.46094
29266.0	0.0000342	7922.15479	29694.99219
24852.0	0.0000401	7924.84277	24917.99805
21006.0	0.0000476	7927.53320	21111.23828
18129.0	0.0000549	7930.22363	18192.13281
16061.0	0.0000620	7932.91748	16014.68555
14406.0	0.0000694	7935.61133	14420.29395
13087.0	0.0000769	7938.30664	13257.67871
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10934.0	0.0000907	7946.40381	11262.72852
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8767.0	0.0001132	7976.23242	9109.18945
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8501.0	0.0001181	7995.35498	8701.62793
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8399.0	0.0001181	8000.84277	8628.99805
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8289.0	0.0001208	8006.34082	8568.59180
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8222.0	0.0001208	8014.61035	8495.79395
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8374.0	0.0001181	8031.23926	8395.05664
8294.0	0.0001208	8034.02246	8382.50586
8187.0	0.0001235	8036.80908	8370.90723
8074.0	0.0001235	8039.60107	8360.17676
8063.0	0.0001235	8042.39551	8350.25488
8204.0	0.0001208	8045.19385	8341.07520
8194.0	0.0001208	8047.99658	8332.58496
8050.0	0.0001235	8050.80225	8324.73242
8049.0	0.0001235	8053.61377	8317.46582
8185.0	0.0001235	8056.42871	8310.75098
8264.0	0.0001208	8059.24805	8304.54492
8092.0	0.0001235	8062.07080	8298.81641
8058.0	0.0001235	8064.89990	8293.52832
8235.0	0.0001208	8067.73145	8288.65430
8128.0	0.0001235	8070.56836	8284.16895
7885.0	0.0001262	8073.41016	8280.04395
7828.0	0.0001291	8076.25586	8276.25977
8066.0	0.0001235	8079.10791	8272.79199
8223.0	0.0001208	8081.96387	8269.62500
8089.0	0.0001235	8084.82471	8266.73828
8203.0	0.0001208	8087.69092	8264.11621
8322.0	0.0001208	8090.56152	8261.74414
8066.0	0.0001235	8093.43799	8259.60547
8092.0	0.0001235	8096.32031	8257.69141
8276.0	0.0001208	8099.20703	8255.98438

8097.0	0.0001235	8102.09961	8254.47852
8133.0	0.0001235	8104.99658	8253.15918
8367.0	0.0001208	8107.90137	8252.01758
8222.0	0.0001208	8110.81055	8251.04590
8168.0	0.0001235	8113.72607	8250.23340
8317.0	0.0001208	8116.64697	8249.57422
8149.0	0.0001235	8119.57324	8249.05957
8023.0	0.0001235	8122.50732	8248.68262
8134.0	0.0001235	8125.44629	8248.43652
8049.0	0.0001235	8128.39258	8248.31641
8086.0	0.0001235	8131.34326	8248.31543
8441.0	0.0001181	8134.30225	8248.42773
8498.0	0.0001181	8137.26709	8248.65039
8543.0	0.0001181	8140.23828	8248.97656
8861.0	0.0001132	8143.21631	8249.40234
8552.0	0.0001181	8146.20020	8249.92285
8092.0	0.0001235	8149.19287	8250.53613
8384.0	0.0001181	8152.19092	8251.23633
8400.0	0.0001181	8155.19678	8252.02148
8033.0	0.0001235	8158.20947	8252.88672
8034.0	0.0001235	8161.22852	8253.83008
8131.0	0.0001235	8164.25684	8254.84863
8112.0	0.0001235	8167.29053	8255.93848
8095.0	0.0001235	8170.33350	8257.09863
8137.0	0.0001235	8173.38281	8258.32520
8170.0	0.0001235	8176.43945	8259.61621
8037.0	0.0001235	8179.50586	8260.96973
7928.0	0.0001262	8182.57813	8262.38281
8021.0	0.0001235	8185.65918	8263.85449
8223.0	0.0001208	8188.74805	8265.38184
8356.0	0.0001208	8191.84473	8266.96387
8331.0	0.0001208	8194.95020	8268.59863
8309.0	0.0001208	8198.06348	8270.28418
8284.0	0.0001208	8201.18652	8272.01953
8204.0	0.0001208	8204.31641	8273.80273
8230.0	0.0001208	8207.45605	8275.63281
8441.0	0.0001181	8210.60449	8277.50879
8708.0	0.0001156	8213.76074	8279.42773
8550.0	0.0001181	8216.92578	8281.38965
8181.0	0.0001235	8220.09961	8283.39355
8304.0	0.0001208	8223.28516	8285.43945
8453.0	0.0001181	8226.47754	8287.52344
8307.0	0.0001208	8229.67871	8289.64551
8130.0	0.0001235	8232.89063	8291.80664
8196.0	0.0001208	8236.11035	8294.00293
8457.0	0.0001181	8239.34277	8296.23828
8466.0	0.0001181	8242.58203	8242.58203
8370.0	0.0001208	8245.83301	8245.83301
8389.0	0.0001181	8249.09180	8249.09180
8354.0	0.0001208	8252.36035	8252.36035
8265.0	0.0001208	8255.64160	8255.64160
8211.0	0.0001208	8258.93066	8258.93066
8204.0	0.0001208	8262.23145	8262.23145
8293.0	0.0001208	8265.54199	8265.54199

8468.0	0.0001181	8268.86035	8268.86035
8456.0	0.0001181	8272.19336	8272.19336
8311.0	0.0001208	8275.53516	8275.53516
8333.0	0.0001208	8278.88770	8278.88770
8468.0	0.0001181	8282.25098	8282.25098
8587.0	0.0001156	8285.62402	8285.62402
8595.0	0.0001156	8289.00977	8289.00977
8448.0	0.0001181	8292.40723	8292.40723
8267.0	0.0001208	8295.81445	8295.81445
8295.0	0.0001208	8299.23242	8299.23242
8197.0	0.0001208	8302.66309	8302.66309
7944.0	0.0001262	8306.10449	8306.10449
8291.0	0.0001208	8309.55762	8309.55762
8754.0	0.0001132	8313.02344	8313.02344
8683.0	0.0001156	8316.49902	8316.49902
8497.0	0.0001181	8319.98828	8319.98828
8428.0	0.0001181	8323.48828	8323.48828
8437.0	0.0001181	8327.00098	8327.00098
8336.0	0.0001208	8330.52637	8334.02051
8168.0	0.0001235	8334.06250	8337.57227
8160.0	0.0001235	8337.61230	8341.13867
8434.0	0.0001181	8341.17383	8344.71777
8692.0	0.0001156	8344.74805	8348.30859
8476.0	0.0001181	8348.33496	8351.91211
8387.0	0.0001181	8351.93262	8355.52734
8563.0	0.0001156	8355.54688	8359.15820
8382.0	0.0001181	8359.17090	8362.79980
8317.0	0.0001208	8362.81055	8366.45703
8628.0	0.0001156	8366.46094	8370.12500
8693.0	0.0001156	8370.12402	8373.80566
8535.0	0.0001181	8373.80371	8377.50293
8412.0	0.0001181	8377.49414	8381.21191
8387.0	0.0001181	8381.19922	8384.93457
8428.0	0.0001181	8384.91602	8388.66992
8497.0	0.0001181	8388.64844	8392.41992
8624.0	0.0001156	8392.39453	8396.18457
8647.0	0.0001156	8396.15332	8399.96191
8441.0	0.0001181	8399.92578	8403.75391
8419.0	0.0001181	8403.71289	8407.55957
8529.0	0.0001181	8407.51465	8411.37988
8386.0	0.0001181	8411.33008	8415.21484
8336.0	0.0001208	8415.16016	8419.06445
8575.0	0.0001156	8419.00391	8422.92773
8882.0	0.0001132	8422.86133	8426.80469
8821.0	0.0001132	8426.73535	8430.69824
8466.0	0.0001181	8430.62305	8434.60645
8516.0	0.0001181	8434.52637	8438.52930
8489.0	0.0001181	8438.44238	8442.46582
8149.0	0.0001235	8442.37402	8446.41797
8396.0	0.0001181	8446.32227	8450.38672
8809.0	0.0001132	8450.28418	8454.36914
8724.0	0.0001156	8454.26270	8458.36816
8553.0	0.0001181	8458.25488	8462.38184
8482.0	0.0001181	8462.26172	8466.40918

8503.0	0.0001181	8466.28613	8470.45508
8707.0	0.0001156	8470.32422	8474.51465
8902.0	0.0001132	8474.37988	8478.59180
8788.0	0.0001132	8478.44824	8482.68262
8557.0	0.0001156	8482.53613	8486.79199
8436.0	0.0001181	8486.63770	8490.91602
8518.0	0.0001181	8490.75488	8495.05566
8656.0	0.0001156	8494.88867	8499.21191
8676.0	0.0001156	8499.03711	8503.38281
8508.0	0.0001181	8503.20508	8507.57324
8424.0	0.0001181	8507.38672	8511.77832
8532.0	0.0001181	8511.58496	8516.00000
8546.0	0.0001181	8515.80078	8520.23926
8608.0	0.0001156	8520.03027	8524.49219
8782.0	0.0001132	8524.27930	8528.76465
8621.0	0.0001156	8528.54492	8533.05469
8382.0	0.0001181	8532.82520	8537.35840
8452.0	0.0001181	8537.12305	8541.68066
8454.0	0.0001181	8541.43750	8546.01953
8336.0	0.0001208	8545.77051	8550.37793
8315.0	0.0001208	8550.11914	8554.75098
8425.0	0.0001181	8554.48633	8559.14355
8488.0	0.0001181	8558.86914	8563.55176
8319.0	0.0001208	8563.26953	8567.97754
8331.0	0.0001208	8567.68750	8572.42188
8598.0	0.0001156	8572.12305	8576.88281
8712.0	0.0001156	8576.57617	8581.36230
8650.0	0.0001156	8581.04590	8585.85840
8581.0	0.0001156	8585.53613	8590.37500
8693.0	0.0001156	8590.04102	8594.90723
8764.0	0.0001132	8594.56348	8599.45703
8705.0	0.0001156	8599.10645	8604.02734
8879.0	0.0001132	8603.66406	8608.61230
8979.0	0.0001108	8608.24316	8613.21875
8703.0	0.0001156	8612.83789	8617.84180
8556.0	0.0001156	8617.45117	8622.48340
8606.0	0.0001156	8622.08398	8627.14453
8635.0	0.0001156	8626.73145	8631.82129
8658.0	0.0001156	8631.40234	8636.52051
8625.0	0.0001156	8636.08887	8641.23633
8504.0	0.0001181	8640.79492	8645.97168
8615.0	0.0001156	8645.51758	8650.72461
8877.0	0.0001132	8650.25781	8655.49414
8815.0	0.0001132	8655.02148	8660.28809
8419.0	0.0001181	8659.79980	8665.09766
8423.0	0.0001181	8664.59961	8669.92773
8977.0	0.0001108	8669.41602	8674.77539
8715.0	0.0001156	8674.25000	8679.64063
8582.0	0.0001156	8679.10742	8684.52930
8850.0	0.0001132	8683.98145	8689.43555
8807.0	0.0001132	8688.87402	8694.36035
8693.0	0.0001156	8693.78516	8699.30371
8897.0	0.0001132	8698.71777	8704.26953
8940.0	0.0001108	8703.66797	8709.25195

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9038.0	0.0001108	8713.62793	8719.27930
9012.0	0.0001108	8718.63574	8724.32129
8673.0	0.0001156	8723.66406	8729.38379
8728.0	0.0001156	8728.71191	8734.46582
8974.0	0.0001108	8733.77832	8739.56738
8819.0	0.0001132	8738.86621	8744.69043
8778.0	0.0001132	8743.97168	8749.83105
8636.0	0.0001156	8749.09961	8754.99512
8608.0	0.0001156	8754.24414	8760.17578
8863.0	0.0001132	8759.41113	8766.42188
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9245.0	0.0001085	8769.80176	8776.89453
8951.0	0.0001108	8775.02734	8782.16113
9117.0	0.0001108	8780.27246	8787.44922
8950.0	0.0001108	8785.53906	8792.75781
8727.0	0.0001156	8790.82422	8798.08594
8745.0	0.0001132	8796.12793	8803.43262
8682.0	0.0001156	8801.45605	8808.80469
9026.0	0.0001108	8806.80176	8814.19336
8694.0	0.0001156	8812.16895	8819.60547
8752.0	0.0001132	8817.55273	8825.03418
9303.0	0.0001085	8822.96289	8830.48926
9081.0	0.0001108	8828.38965	8835.96191
8964.0	0.0001108	8833.83594	8841.45410
9228.0	0.0001085	8839.30566	8846.96973
9027.0	0.0001108	8844.79199	8852.50391
8856.0	0.0001132	8850.30176	8858.05957
9290.0	0.0001085	8855.83203	8863.63867
8978.0	0.0001108	8861.38184	8869.23633
9318.0	0.0001063	8866.95215	8874.85449
8898.0	0.0001132	8872.54297	8880.49512
9078.0	0.0001108	8878.15625	8886.15820
9063.0	0.0001108	8883.78809	8891.84082
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8779.0	0.0001132	8895.11621	8903.26953
8953.0	0.0001108	8900.81055	8909.01563
9118.0	0.0001108	8906.52734	8914.78418
8908.0	0.0001132	8912.26367	8920.57324
9295.0	0.0001085	8918.02246	8926.38477
9140.0	0.0001085	8923.79980	8932.21582
8908.0	0.0001132	8929.59863	8938.06934
8915.0	0.0001132	8935.41992	8943.94531
9408.0	0.0001063	8941.25977	8949.83984
8903.0	0.0001132	8947.12305	8955.75879
9398.0	0.0001063	8953.00586	8961.69727
8878.0	0.0001132	8958.90918	8967.65820
9182.0	0.0001085	8964.83496	8973.64160
8628.0	0.0001156	8970.78027	8979.64453
9542.0	0.0001041	8976.74902	8985.67188
9190.0	0.0001085	8982.73438	8991.71680
9254.0	0.0001085	8988.74707	8997.78906
9006.0	0.0001108	8994.77637	9003.87793
9268.0	0.0001085	9000.82715	9009.99023

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9213.0	0.0001085	9012.99219	9022.27930
9260.0	0.0001085	9019.10938	9028.45898
9071.0	0.0001108	9025.24512	9034.65918
9411.0	0.0001063	9031.40137	9040.87891
9201.0	0.0001085	9037.58105	9047.12402
9436.0	0.0001063	9043.77734	9053.38574
9092.0	0.0001108	9050.00000	9059.67383
9187.0	0.0001085	9056.24219	9065.98340
9405.0	0.0001063	9062.50488	9072.31348
9413.0	0.0001063	9068.78809	9078.66602
9298.0	0.0001085	9075.09277	9085.04004
9126.0	0.0001085	9081.41992	9091.43652
9360.0	0.0001063	9087.76758	9097.85449
9415.0	0.0001063	9094.13672	9104.29492
8918.0	0.0001132	9100.52637	9110.75684
9502.0	0.0001063	9106.93652	9117.24023
9316.0	0.0001063	9113.37012	9123.74805
9194.0	0.0001085	9119.82227	9130.27441
9455.0	0.0001063	9126.29785	9136.82520
9428.0	0.0001063	9132.79297	9143.39648
9312.0	0.0001063	9139.31152	9149.99121
9356.0	0.0001063	9145.84863	9156.60742
9156.0	0.0001085	9152.40625	9163.24316
9427.0	0.0001063	9158.98828	9169.90527
9396.0	0.0001063	9165.58691	9176.58496
9447.0	0.0001063	9172.21191	9183.29102
9097.0	0.0001108	9178.85449	9190.01660
9300.0	0.0001085	9185.51855	9196.76270
9165.0	0.0001085	9192.20508	9203.53418
9164.0	0.0001085	9198.90918	9210.32422
9562.0	0.0001041	9205.63965	9217.13965
9248.0	0.0001085	9212.38672	9223.97461
9252.0	0.0001085	9219.15723	9230.83398
9398.0	0.0001063	9225.94727	9237.71289
9385.0	0.0001063	9232.75586	9244.61230
9402.0	0.0001063	9239.59082	9251.53906
9575.0	0.0001041	9246.44336	9258.48438
9279.0	0.0001085	9253.31836	9265.45313
9365.0	0.0001063	9260.21191	9272.44141
9436.0	0.0001063	9267.12402	9279.44922
9482.0	0.0001063	9274.06348	9286.48535
9779.0	0.0001020	9281.01953	9293.53906
9157.0	0.0001085	9287.99707	9300.61621
9471.0	0.0001063	9294.99414	9307.71484
9469.0	0.0001063	9302.01367	9314.83594
9740.0	0.0001020	9309.05273	9321.97852
9729.0	0.0001020	9316.11426	9329.14355
9603.0	0.0001041	9323.19434	9336.33008
9507.0	0.0001041	9330.29492	9343.53711
9563.0	0.0001041	9337.41797	9350.76855
9784.0	0.0001020	9344.55859	9358.01953
9473.0	0.0001063	9351.72070	9365.29199
9712.0	0.0001020	9358.90430	9372.58789

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9746.0	0.0001020	9373.33203	9387.24609
9408.0	0.0001063	9380.57422	9394.60449
9607.0	0.0001041	9387.83887	9401.98828
9847.0	0.0001020	9395.12305	9409.39160
9529.0	0.0001041	9402.42578	9416.81641
9546.0	0.0001041	9409.75195	9424.26660
9586.0	0.0001041	9417.09473	9431.73340
9803.0	0.0001020	9424.45996	9439.22461
9417.0	0.0001063	9431.84375	9446.73730
9426.0	0.0001063	9439.24414	9454.26758
9485.0	0.0001063	9446.67188	9461.82715
9747.0	0.0001020	9454.11426	9469.40234
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9780.0	0.0001020	9469.05859	9484.61914
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9716.0	0.0001020	9484.08594	9499.92578
9419.0	0.0001063	9491.62695	9507.60938
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9775.0	0.0001020	9506.76660	9523.04004
9552.0	0.0001041	9514.36719	9530.79004
9815.0	0.0001020	9521.98828	9538.56250
9691.0	0.0001041	9529.62500	9546.35156
9742.0	0.0001020	9537.28125	9554.16309
9735.0	0.0001020	9544.95703	9561.99707
9435.0	0.0001063	9552.65332	9569.85254
9947.0	0.0001000	9560.36719	9577.72852
9790.0	0.0001020	9568.10254	9585.62793
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9858.0	0.0001020	9591.41406	9609.44727
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9633.0	0.0001041	9607.04980	9625.43359
9839.0	0.0001020	9614.89355	9633.45703
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10046.0	0.0001000	9638.53906	9657.65723
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9849.0	0.0001020	9654.39160	9673.89453
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9686.0	0.0001041	9694.34375	9714.85938
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9898.0	0.0001020	9718.52930	9739.69336
9793.0	0.0001020	9726.62598	9748.01270
9770.0	0.0001020	9734.73633	9756.34863
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9859.0	0.0001020	9825.10254	9849.46973
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9924.0	0.0001000	9900.50586	9927.54980
10010.0	0.0001000	9908.96094	9936.32910
10261.0	0.0000980	9917.43066	9945.12988
10422.0	0.0000961	9925.91895	9953.95605
10228.0	0.0000980	9934.41699	9962.79688
9956.0	0.0001000	9942.93750	9971.66797
10257.0	0.0000980	9951.46777	9980.55469
9938.0	0.0001000	9960.01270	9989.46191
10332.0	0.0000961	9968.57422	9998.39453
9885.0	0.0001020	9977.14648	10007.34375
10199.0	0.0000980	9985.74023	10016.32324
10449.0	0.0000961	9994.34277	10025.31836
10244.0	0.0000980	10002.96289	10034.33887
10130.0	0.0000980	10011.59375	10043.37793
10475.0	0.0000961	10020.23633	10052.43652
10314.0	0.0000961	10028.90039	10061.52637
10042.0	0.0001000	10037.57324	10070.63184
10011.0	0.0001000	10046.26172	10079.76367
10283.0	0.0000980	10054.96191	10088.91504
10209.0	0.0000980	10063.67285	10098.08691
10263.0	0.0000980	10072.40430	10107.28906
10366.0	0.0000961	10081.14453	10116.50977
10228.0	0.0000980	10089.89746	10125.75391
10187.0	0.0000980	10098.66211	10135.01953
10193.0	0.0000980	10107.44336	10144.31348
10314.0	0.0000961	10116.23535	10153.62891
10658.0	0.0000943	10125.04102	10162.96875
10298.0	0.0000980	10133.85742	10172.33203
10610.0	0.0000943	10142.68555	10181.71777
10513.0	0.0000943	10151.52930	10191.13379
10315.0	0.0000961	10160.38184	10200.57031
10280.0	0.0000980	10169.24707	10210.03320
10312.0	0.0000961	10178.12598	10219.52344
10367.0	0.0000961	10187.01367	10229.03516
10510.0	0.0000943	10195.91699	10238.57813
10084.0	0.0001000	10204.82813	10248.14453
10299.0	0.0000980	10213.75391	10257.74023
10155.0	0.0000980	10222.68750	10267.36035
10357.0	0.0000961	10231.63184	10277.00781
10348.0	0.0000961	10240.59082	10286.68652

10529.0	0.0000943	10249.55762	10296.38965
9917.0	0.0001000	10258.53711	10306.12500
10511.0	0.0000943	10267.52539	10315.88770
10452.0	0.0000961	10276.52148	10325.67773
10091.0	0.0001000	10285.53418	10335.50391
10140.0	0.0000980	10294.55371	10345.35840
10301.0	0.0000980	10303.58496	10355.24512
10544.0	0.0000943	10312.62109	10365.16016
10231.0	0.0000980	10321.67480	10375.11523
10522.0	0.0000943	10330.73242	10385.09863
10341.0	0.0000961	10339.79980	10395.11523
10701.0	0.0000943	10348.87988	10405.17090
10182.0	0.0000980	10357.96289	10415.25586
10206.0	0.0000980	10367.06055	10425.38281
10241.0	0.0000980	10376.16699	10435.54688
10451.0	0.0000961	10385.28027	10445.74707
10289.0	0.0000980	10394.40137	10455.98633
10416.0	0.0000961	10403.53125	10466.26563
10587.0	0.0000943	10412.67285	10476.59082
10691.0	0.0000943	10421.81934	10486.95410
10494.0	0.0000961	10430.97656	10497.36426
10415.0	0.0000961	10440.13965	10507.81738
10457.0	0.0000961	10449.30957	10518.31543
10545.0	0.0000943	10458.49023	10528.86523
10645.0	0.0000943	10467.67578	10539.46094
10021.0	0.0001000	10476.87207	10550.11035
10590.0	0.0000943	10486.07129	10560.80957
10694.0	0.0000943	10495.27832	10571.56152
10210.0	0.0000980	10504.49609	10582.37500
10448.0	0.0000961	10513.71680	10593.24316
10249.0	0.0000980	10522.94727	10604.17285
10561.0	0.0000943	10532.17773	10615.15918
10509.0	0.0000943	10541.42383	10626.21973
10379.0	0.0000961	10550.67090	10637.34277
10664.0	0.0000943	10559.92285	10648.53223
10771.0	0.0000925	10569.18457	10659.79980
10838.0	0.0000925	10578.44531	10671.13574
10642.0	0.0000943	10587.72070	10682.55859
11050.0	0.0000907	10596.99609	10694.05859
10704.0	0.0000943	10606.27734	10705.64453
10610.0	0.0000943	10615.56543	10717.32031
10441.0	0.0000961	10624.85254	10729.08301
10695.0	0.0000943	10634.15430	10740.95410
10701.0	0.0000943	10643.45410	10752.91797
10593.0	0.0000943	10652.75879	10764.99023
10742.0	0.0000925	10662.07031	10777.17676
10398.0	0.0000961	10671.38184	10789.47363
10726.0	0.0000925	10680.70117	10801.90039
10807.0	0.0000925	10690.02539	10814.45410
10666.0	0.0000943	10699.35059	10827.14160
10657.0	0.0000943	10708.67871	10839.97070
10734.0	0.0000925	10718.01074	10852.94922
10857.0	0.0000925	10727.34961	10866.09082
10461.0	0.0000961	10736.68750	10879.39355

10644.0	0.0000943	10746.03223	10892.87793
10634.0	0.0000943	10755.37598	10906.54199
10853.0	0.0000925	10764.72559	10920.40918
10733.0	0.0000925	10774.07520	10934.47949
10463.0	0.0000961	10783.42676	10948.77051
10897.0	0.0000925	10792.78320	10963.29785
10807.0	0.0000925	10802.13965	10978.06934
10872.0	0.0000925	10811.50000	10993.11035
10871.0	0.0000925	10820.85938	11008.42676
10558.0	0.0000943	10830.21973	11024.04004
10954.0	0.0000907	10839.58496	11039.97754
10704.0	0.0000943	10848.94629	11056.24512
11158.0	0.0000890	10858.31641	11072.88770
10982.0	0.0000907	10867.68164	11089.90918
10429.0	0.0000961	10877.04980	11107.34961
10970.0	0.0000907	10886.41699	11125.23145
10699.0	0.0000943	10895.78125	11143.58496
10901.0	0.0000925	10905.15430	11162.46680
10945.0	0.0000907	10914.52246	11181.89355
10845.0	0.0000925	10923.89258	11201.91895
10742.0	0.0000925	10933.25977	11231.49609
11184.0	0.0000890	10942.62305	11252.90332
11120.0	0.0000907	10951.99512	11275.08398
10797.0	0.0000925	10961.36035	11298.07520
10977.0	0.0000907	10970.72754	11321.96777
11118.0	0.0000907	10980.08789	11346.82422
11225.0	0.0000890	10989.45313	11372.76465
10878.0	0.0000925	10998.81641	11399.87012
11275.0	0.0000890	11008.17578	11428.25684
10859.0	0.0000925	11017.53320	11458.06641
10980.0	0.0000907	11026.88867	11489.42676
11052.0	0.0000907	11036.24512	11522.53125
11060.0	0.0000907	11045.59570	11557.53320
11225.0	0.0000890	11054.94727	11594.65820
11122.0	0.0000907	11064.29395	11634.13672
11270.0	0.0000890	11073.63770	11676.21582
11112.0	0.0000907	11082.98047	11721.21484
11194.0	0.0000890	11092.31836	11769.42090
11394.0	0.0000873	11101.65527	11821.21484
11359.0	0.0000873	11110.98633	11876.96582
11285.0	0.0000890	11120.31348	11937.10352
11291.0	0.0000890	11129.63965	12002.13672
11555.0	0.0000873	11138.95898	12072.51367
11905.0	0.0000842	11148.27734	12148.81348
11648.0	0.0000857	11157.58887	12231.58398
11745.0	0.0000857	11166.89551	12321.42676
11297.0	0.0000890	11176.20117	12419.03809
11974.0	0.0000842	11185.49902	12524.97461
11940.0	0.0000842	11194.79395	12639.92871
11915.0	0.0000842	11204.08203	12764.46387
12635.0	0.0000797	11213.36133	12899.11621
12356.0	0.0000812	11222.64355	13044.42969
12659.0	0.0000783	11231.91504	13200.52051
12509.0	0.0000797	11241.18359	13367.45898

12786.0	0.0000783	11250.44043	13544.75195
13702.0	0.0000731	11259.69922	13731.64453
13644.0	0.0000731	11268.94629	13926.34180
13965.0	0.0000718	11278.18652	14126.42090
13667.0	0.0000731	11287.42383	14328.38965
14498.0	0.0000694	11296.64844	14527.43945
14802.0	0.0000672	11305.87109	14717.91699
15236.0	0.0000661	11315.08691	14892.82422
15324.0	0.0000650	11324.29395	15044.83496
15542.0	0.0000640	11333.49219	15166.64746
15696.0	0.0000640	11342.68262	15263.36523
15300.0	0.0000650	11351.86816	15307.31543
15719.0	0.0000640	11361.04395	15307.70410
15315.0	0.0000650	11370.21387	15265.13477
15437.0	0.0000650	11379.37207	15182.92188
15570.0	0.0000640	11388.52246	15066.58789
14957.0	0.0000672	11397.66699	14922.93164
14767.0	0.0000672	11406.79980	14759.52344
14821.0	0.0000672	11415.92578	14583.50391
14677.0	0.0000683	11425.04102	14401.38574
13984.0	0.0000718	11434.14648	14218.54688
14155.0	0.0000706	11443.24414	14039.04785
13933.0	0.0000718	11452.33105	13866.15137
13296.0	0.0000756	11461.40918	13701.86230
12838.0	0.0000783	11470.47363	13547.58496
12972.0	0.0000769	11479.53516	13403.86328
12958.0	0.0000769	11488.58105	13271.05664
12659.0	0.0000783	11497.61621	13149.00000
12572.0	0.0000797	11506.64355	13037.33984
12614.0	0.0000797	11515.65430	12935.64355
12589.0	0.0000797	11524.66211	12843.25195
12419.0	0.0000812	11533.65430	12759.62695
12315.0	0.0000812	11542.63477	12684.08984
12308.0	0.0000812	11551.60645	12615.99707
12107.0	0.0000826	11560.56055	12554.75586
11981.0	0.0000842	11569.51074	12499.72363
12121.0	0.0000826	11578.44434	12450.38770
12173.0	0.0000826	11587.36523	12406.19141
12167.0	0.0000826	11596.27637	12366.66797
12211.0	0.0000812	11605.16992	12331.35840
12064.0	0.0000826	11614.05664	12299.82813
11859.0	0.0000842	11622.92871	12271.73340
11875.0	0.0000842	11631.78711	12246.71191
12008.0	0.0000826	11640.63184	12224.46680
12043.0	0.0000826	11649.46289	12204.72266
11839.0	0.0000842	11658.28320	12187.21191
11640.0	0.0000857	11667.08594	12171.73242
11622.0	0.0000857	11675.87891	12158.07813
11773.0	0.0000842	11684.65527	12146.07910
11929.0	0.0000842	11693.41992	12135.56738
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11771.0	0.0000857	11719.62109	12111.68359
11381.0	0.0000873	11728.32422	12109.25879

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12294.0	0.0000812	11745.68848	12100.46191
12123.0	0.0000826	11754.34668	12097.27930
11935.0	0.0000842	11762.99121	12094.82227
11797.0	0.0000842	11771.61621	12093.03320
11541.0	0.0000873	11780.23242	12091.86230
11583.0	0.0000857	11788.82715	12091.26074
11883.0	0.0000842	11797.40820	12091.19238
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11853.0	0.0000842	11814.51465	12092.49121
11618.0	0.0000857	11823.04883	12093.79492
11812.0	0.0000842	11831.56152	12095.49512
11919.0	0.0000842	11840.05957	12097.56543
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11748.0	0.0000857	11856.99707	12102.72070
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11791.0	0.0000842	11873.87207	12109.09473
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11658.0	0.0000857	11890.67188	12116.53125
11733.0	0.0000857	11899.04590	12120.60938
11906.0	0.0000842	11907.40332	12124.91406
12091.0	0.0000826	11915.73926	12129.42383
12154.0	0.0000826	11924.05664	12134.12891
11945.0	0.0000842	11932.35449	12139.02148
11758.0	0.0000857	11940.63770	12144.09180
11947.0	0.0000842	11948.89844	12149.32617
12149.0	0.0000826	11957.14258	12154.71973
12055.0	0.0000826	11965.36426	12160.25977
11681.0	0.0000857	11973.56738	12165.94141
11637.0	0.0000857	11981.75293	12171.75977
11955.0	0.0000842	11989.91602	12177.70508
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12152.0	0.0000826	12006.18555	12189.95410
12410.0	0.0000812	12014.28906	12196.24707
12696.0	0.0000783	12022.37305	12202.64551
12633.0	0.0000797	12030.43555	12209.14551
12349.0	0.0000812	12038.47949	12215.74414
12746.0	0.0000783	12046.50000	12222.43262
13144.0	0.0000756	12054.49902	12229.20996
12820.0	0.0000783	12062.48047	12236.07715
12580.0	0.0000797	12070.43652	12243.02344
12575.0	0.0000797	12078.37500	12250.05273
12500.0	0.0000797	12086.28711	12257.15430
12242.0	0.0000812	12094.18359	12264.33691
12102.0	0.0000826	12102.05371	12271.58984
12368.0	0.0000812	12109.90234	12278.91211
12358.0	0.0000812	12117.72949	12288.74902
12101.0	0.0000826	12125.53125	12296.21777
12239.0	0.0000812	12133.31738	12303.75879
12287.0	0.0000812	12141.07617	12311.36035
12050.0	0.0000826	12148.81152	12319.02539
11986.0	0.0000842	12156.52637	12326.75488
12212.0	0.0000812	12164.21387	12334.54199
12458.0	0.0000797	12171.88184	12342.39355

12217.0	0.0000812	12179.52734	12350.30957
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12391.0	0.0000812	12194.74316	12366.31738
12428.0	0.0000812	12202.31445	12374.41113
12347.0	0.0000812	12209.86523	12382.56934
12569.0	0.0000797	12217.38867	12390.78711
12730.0	0.0000783	12224.89160	12399.06934
12611.0	0.0000797	12232.36621	12407.41211
12302.0	0.0000812	12239.81738	12415.81738
12251.0	0.0000812	12247.24512	12424.29004
12406.0	0.0000812	12254.64746	12432.82813
12366.0	0.0000812	12262.02539	12441.43359
12280.0	0.0000812	12269.37695	12450.10547
12186.0	0.0000826	12276.70508	12458.85254
11940.0	0.0000842	12284.00586	12467.66895
11792.0	0.0000842	12291.28125	12476.56055
11899.0	0.0000842	12298.53320	12485.53223
12116.0	0.0000826	12305.75488	12494.58008
12234.0	0.0000812	12312.95703	12503.71680
12183.0	0.0000826	12320.12988	12512.93652
12145.0	0.0000826	12327.27539	12522.24414
12175.0	0.0000826	12334.39746	12531.64941
12198.0	0.0000826	12341.48828	12541.14453
12068.0	0.0000826	12348.55957	12550.75293
11919.0	0.0000842	12355.59961	12560.46094
11944.0	0.0000842	12362.61230	12570.27832
12012.0	0.0000826	12369.60059	12580.21777
12122.0	0.0000826	12376.55762	12590.27832
12310.0	0.0000812	12383.49414	12600.47266
12292.0	0.0000812	12390.39844	12610.79785
12122.0	0.0000826	12397.27539	12621.27051
12163.0	0.0000826	12404.12695	12631.89551
12363.0	0.0000812	12410.94727	12642.67871
12484.0	0.0000797	12417.74316	12653.63672
12309.0	0.0000812	12424.51172	12664.77539
12156.0	0.0000826	12431.24902	12676.10254
12301.0	0.0000812	12437.95898	12687.63574
12637.0	0.0000797	12444.64063	12699.38379
12746.0	0.0000783	12451.29590	12711.37012
12508.0	0.0000797	12457.91992	12723.59570
12523.0	0.0000797	12464.51758	12736.09082
12617.0	0.0000797	12471.08496	12748.86426
12458.0	0.0000797	12477.62402	12761.94434
12442.0	0.0000797	12484.13379	12775.34375
12473.0	0.0000797	12490.61328	12789.09277
12286.0	0.0000812	12497.06543	12803.21680
12359.0	0.0000812	12503.48633	12817.74023
12589.0	0.0000797	12509.87988	12832.70508
12475.0	0.0000797	12516.24219	12848.13184
12415.0	0.0000812	12522.57422	12864.06543
12650.0	0.0000797	12528.87793	12880.54590
12960.0	0.0000769	12535.14844	12897.61035
12906.0	0.0000769	12541.39453	12915.32324
12553.0	0.0000797	12547.60645	12933.72070

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12690.0	0.0000783	12559.94043	12972.82227
12601.0	0.0000797	12566.05957	12993.65039
12705.0	0.0000783	12572.15332	13015.43555
12944.0	0.0000769	12578.21191	13038.24121
13092.0	0.0000769	12584.24219	13062.16113
13119.0	0.0000756	12590.23926	13087.27539
12974.0	0.0000769	12596.20410	13113.67773
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12696.0	0.0000783	12608.04590	13170.80078
12814.0	0.0000783	12613.92090	13201.73340
12725.0	0.0000783	12619.75879	13234.38379
12774.0	0.0000783	12625.57031	13268.91113
13026.0	0.0000769	12631.34961	13305.41016
13171.0	0.0000756	12637.09473	13344.00977
13108.0	0.0000769	12642.80859	13384.85059
13015.0	0.0000769	12648.49023	13428.02148
13215.0	0.0000756	12654.14160	13473.67285
13411.0	0.0000743	12659.75879	13521.85547
13347.0	0.0000743	12665.34570	13572.65137
13191.0	0.0000756	12670.89844	13626.09570
13281.0	0.0000756	12676.41797	13682.14551
13625.0	0.0000731	12681.90723	13740.77051
13582.0	0.0000731	12687.36230	13801.75977
13327.0	0.0000756	12692.78516	13864.89063
13374.0	0.0000743	12698.17383	13929.77051
13793.0	0.0000731	12703.53027	13995.90625
14212.0	0.0000706	12708.85547	14062.72559
14172.0	0.0000706	12714.14453	14129.41113
13795.0	0.0000731	12719.40234	14195.14844
13611.0	0.0000731	12724.62598	14258.98828
14049.0	0.0000706	12729.81543	14320.00000
14158.0	0.0000706	12734.97266	14377.37695
13801.0	0.0000731	12740.09570	14430.36816
13900.0	0.0000718	12745.18555	14478.56738
14206.0	0.0000706	12750.23926	14521.84180
14297.0	0.0000694	12755.26367	14560.52246
14130.0	0.0000706	12760.25000	14595.26758
14232.0	0.0000706	12765.20410	14627.20313
14733.0	0.0000683	12770.12402	14657.81152
14820.0	0.0000672	12775.00684	14688.88574
14596.0	0.0000683	12779.86035	14722.56152
14512.0	0.0000694	12784.67578	14761.19238
14621.0	0.0000683	12789.45801	14807.52246
14774.0	0.0000672	12794.20605	14864.71875
14809.0	0.0000672	12798.91699	14936.51270
14802.0	0.0000672	12803.59570	15027.59863
14802.0	0.0000672	12808.24023	15143.68066
14870.0	0.0000672	12812.84766	15292.09863
15261.0	0.0000650	12817.42090	15481.92090
15649.0	0.0000640	12821.95898	15724.32520
15431.0	0.0000650	12826.46289	16032.92090
15553.0	0.0000640	12830.93066	16422.85742
16302.0	0.0000610	12835.36426	16911.26758

16778.0	0.0000592	12839.76172	17515.49414
17130.0	0.0000583	12844.12402	18252.19141
17698.0	0.0000565	12848.45215	19136.05273
18480.0	0.0000541	12852.74219	20175.14844
19379.0	0.0000518	12856.99902	21370.25391
20348.0	0.0000489	12861.21875	22707.27930
21503.0	0.0000463	12865.40430	24153.22656
22939.0	0.0000439	12869.55176	25641.73242
24480.0	0.0000411	12873.66406	27067.73438
25415.0	0.0000396	12877.74121	28283.52148
26119.0	0.0000381	12881.78125	29117.91016
27181.0	0.0000367	12885.78711	29426.41602
27282.0	0.0000367	12889.75586	29147.95703
26441.0	0.0000376	12893.68750	28335.53125
25874.0	0.0000386	12897.58496	27129.64453
25393.0	0.0000396	12901.44336	25701.59375
24356.0	0.0000411	12905.26855	24200.42578
22391.0	0.0000444	12909.05469	22736.14844
20929.0	0.0000476	12912.80566	21375.67188
20501.0	0.0000489	12916.52051	20154.55273
19790.0	0.0000503	12920.19727	19088.17383
18991.0	0.0000525	12923.83984	18176.47852
18460.0	0.0000541	12927.44238	17410.97070
17727.0	0.0000565	12931.00977	16777.79297
17009.0	0.0000592	12934.54199	16260.08496
16641.0	0.0000601	12938.03516	15840.66309
16345.0	0.0000610	12941.49121	15502.29785
16001.0	0.0000630	12944.91211	15229.49219
15660.0	0.0000640	12948.29590	15008.72363
15413.0	0.0000650	12951.64063	14828.98340
15211.0	0.0000661	12954.95020	14681.20313
14951.0	0.0000672	12958.22070	14558.37988
14762.0	0.0000683	12961.45508	14455.17188
14651.0	0.0000683	12964.65234	14367.56348
14515.0	0.0000694	12967.81348	14292.52930
14547.0	0.0000683	12970.93555	14227.89355
14601.0	0.0000683	12974.02051	14171.94238
14195.0	0.0000706	12977.06836	14123.39160
14014.0	0.0000718	12980.08008	14081.22852
14319.0	0.0000694	12983.05273	14044.69043
14184.0	0.0000706	12985.98730	14013.12500
13947.0	0.0000718	12988.88477	13986.00586
14075.0	0.0000706	12991.74512	13962.90137
14056.0	0.0000706	12994.56738	13943.45020
13864.0	0.0000718	12997.35352	13927.34277
13783.0	0.0000731	13000.10059	13914.33887
13945.0	0.0000718	13002.80957	13904.21875
14098.0	0.0000706	13005.48145	13896.80664
13910.0	0.0000718	13008.11523	13891.96777
13633.0	0.0000731	13010.71094	13889.58496
13548.0	0.0000743	13013.26855	13889.57129
13738.0	0.0000731	13015.78809	13891.86621
13847.0	0.0000718	13018.27051	13896.42773
13685.0	0.0000731	13020.71484	13903.23730

13434.0	0.0000743	13023.12109	13912.29785
13551.0	0.0000743	13025.48926	13923.62695
13974.0	0.0000718	13027.81934	13937.27246
13931.0	0.0000718	13030.11133	13953.29980
13656.0	0.0000731	13032.36426	13971.78418
13616.0	0.0000731	13034.58008	13992.83887
13868.0	0.0000718	13036.75879	14016.59961
14038.0	0.0000718	13038.89746	14043.22363
13904.0	0.0000718	13040.99805	14072.90527
13980.0	0.0000718	13043.06152	14105.88477
14103.0	0.0000706	13045.08594	14142.40527
13966.0	0.0000718	13047.07227	14182.79785
14245.0	0.0000706	13049.02051	14227.43945
14571.0	0.0000683	13050.93066	14276.79199
14243.0	0.0000706	13052.80176	14331.35449
14802.0	0.0000672	13054.63574	14391.78320
14348.0	0.0000694	13056.42969	14458.83789
14179.0	0.0000706	13058.18555	14533.45410
14429.0	0.0000694	13059.90430	14616.74414
14037.0	0.0000718	13061.58398	14710.09082
15098.0	0.0000661	13063.22559	14815.04492
14991.0	0.0000672	13064.82813	14933.58008
14751.0	0.0000683	13066.39355	15068.05664
15478.0	0.0000650	13067.91895	15221.08789
15156.0	0.0000661	13069.40625	15395.88281
15389.0	0.0000650	13070.85547	15596.07227
15680.0	0.0000640	13072.26563	15825.77441
16169.0	0.0000620	13073.63770	16089.56348
16327.0	0.0000610	13074.97266	16392.56836
16248.0	0.0000620	13076.26758	16739.91211
16955.0	0.0000592	13077.52344	17137.28320
16596.0	0.0000601	13078.74219	17590.31250
17609.0	0.0000565	13079.92188	18104.65234
18274.0	0.0000549	13081.06348	18684.80859
18687.0	0.0000533	13082.16602	19334.80859
19269.0	0.0000518	13083.23047	20056.70117
19816.0	0.0000503	13084.25586	20849.65625
20370.0	0.0000489	13085.24316	21708.43359
21340.0	0.0000469	13086.19238	22621.65625
21646.0	0.0000463	13087.10254	23567.92188
22751.0	0.0000439	13087.97363	24515.36914
23378.0	0.0000427	13088.80762	25418.78516
24044.0	0.0000416	13089.60254	26221.22266
24871.0	0.0000401	13090.35840	26858.10742
24884.0	0.0000401	13091.07617	27269.20117
26090.0	0.0000381	13091.75586	27410.45703
25970.0	0.0000386	13092.39746	27265.80664
26477.0	0.0000376	13093.00000	26851.49609
26279.0	0.0000381	13093.56445	26212.18750
25335.0	0.0000396	13094.08984	25408.44922
24834.0	0.0000401	13094.57715	24504.19922
24113.0	0.0000416	13095.02637	23556.17773
23235.0	0.0000433	13095.43750	22610.16016
22284.0	0.0000450	13095.80859	21697.83398

20756.0	0.0000482	13096.14258	20839.78711
20174.0	0.0000496	13096.43848	20047.63867
20345.0	0.0000489	13096.69629	19326.56641
18530.0	0.0000541	13096.91504	18677.13086
18182.0	0.0000549	13097.09570	18097.73438
17314.0	0.0000574	13097.23828	17584.26367
17021.0	0.0000592	13097.34180	17131.80273
16019.0	0.0000620	13097.40820	16734.76953
16439.0	0.0000610	13097.43652	16387.82227
15448.0	0.0000650	13097.42578	16085.22070
15717.0	0.0000640	13097.37695	15821.61426
15017.0	0.0000661	13097.29004	15592.00195
15145.0	0.0000661	13097.16602	15391.80859
15002.0	0.0000672	13097.00293	15216.86035
14433.0	0.0000694	13096.80176	15063.65430
14448.0	0.0000694	13096.56250	14928.96973
14211.0	0.0000706	13096.28516	14810.04297
14042.0	0.0000706	13095.97070	14704.66406
14211.0	0.0000706	13095.61719	14610.84375
13858.0	0.0000718	13095.22656	14526.95996
13879.0	0.0000718	13094.79785	14451.66406
13916.0	0.0000718	13094.33105	14383.83887
13312.0	0.0000756	13093.82715	14322.53320
14268.0	0.0000706	13093.28418	14267.02051
13473.0	0.0000743	13092.70410	14216.63477
13756.0	0.0000731	13092.08691	14170.83887
13193.0	0.0000756	13091.43164	14129.16309
13612.0	0.0000731	13090.73828	14091.25391
13151.0	0.0000756	13090.00684	14056.77148
13275.0	0.0000756	13089.23828	14025.43750
13458.0	0.0000743	13088.43262	13997.01172
13711.0	0.0000731	13087.58984	13971.29395
13532.0	0.0000743	13086.70801	13948.10059
13810.0	0.0000718	13085.79004	13927.30078
13467.0	0.0000743	13084.83398	13908.76270
13374.0	0.0000743	13083.84082	13892.38379
13541.0	0.0000743	13082.81055	13878.07617
13725.0	0.0000731	13081.74219	13865.78809
13380.0	0.0000743	13080.63770	13855.46582
13641.0	0.0000731	13079.49512	13847.08301
13152.0	0.0000756	13078.31641	13840.62988
13399.0	0.0000743	13077.09863	13836.11230
13230.0	0.0000756	13075.84570	13833.56250
13355.0	0.0000743	13074.55469	13833.02539
13877.0	0.0000718	13073.22754	13834.57910
13247.0	0.0000756	13071.86328	13838.31836
13393.0	0.0000743	13070.46094	13844.37695
13236.0	0.0000756	13069.02344	13852.92188
13604.0	0.0000731	13067.54883	13864.16797
13122.0	0.0000756	13066.03711	13878.37598
13138.0	0.0000756	13064.48828	13895.87500
13414.0	0.0000743	13062.90332	13917.08105
13088.0	0.0000769	13061.28125	13942.46191
13064.0	0.0000769	13059.62402	13972.62109

13243.0	0.0000756	13057.92871	14008.26465
13637.0	0.0000731	13056.19727	14050.25293
13771.0	0.0000731	13054.43066	14099.54004
13712.0	0.0000731	13052.62695	14157.27539
13775.0	0.0000731	13050.78711	14224.75293
13584.0	0.0000731	13048.91113	14303.42480
13490.0	0.0000743	13046.99902	14394.89258
13846.0	0.0000718	13045.05078	14500.92773
13867.0	0.0000718	13043.06641	14623.27148
14628.0	0.0000683	13041.04688	14763.83594
13983.0	0.0000718	13038.98926	14924.54492
14587.0	0.0000683	13036.89648	15107.02930
14685.0	0.0000683	13034.76953	15312.85742
14387.0	0.0000694	13032.60547	15543.11328
15281.0	0.0000650	13030.40723	15798.18164
15668.0	0.0000640	13028.17188	16077.34766
15771.0	0.0000630	13025.90137	16378.37891
16381.0	0.0000610	13023.59570	16696.34180
16993.0	0.0000592	13021.25391	17023.47656
17178.0	0.0000583	13018.87793	17347.97070
17869.0	0.0000557	13016.46582	17653.84570
18086.0	0.0000557	13014.01855	17921.06836
18553.0	0.0000541	13011.53613	18128.23828
18945.0	0.0000525	13009.01953	18255.58984
18672.0	0.0000533	13006.46680	18289.33984
18919.0	0.0000525	13003.87988	18225.19141
18599.0	0.0000541	13001.25781	18069.41406
18523.0	0.0000541	12998.60059	17837.40430
18076.0	0.0000557	12995.90918	17549.55273
17562.0	0.0000565	12993.18359	17227.26758
17273.0	0.0000583	12990.42188	16889.57813
17041.0	0.0000583	12987.62695	16551.98828
16297.0	0.0000610	12984.79785	16225.34668
16381.0	0.0000610	12981.93262	15916.82324
15554.0	0.0000640	12979.03516	15630.58496
15462.0	0.0000650	12976.10156	15368.50195
15281.0	0.0000650	12973.13477	15131.21777
15320.0	0.0000650	12970.13477	14918.07031
14931.0	0.0000672	12967.10059	14727.85938
15063.0	0.0000661	12964.03027	14558.93848
14243.0	0.0000706	12960.92773	14409.64063
14674.0	0.0000683	12957.79199	14278.01758
14616.0	0.0000683	12954.62207	14162.18262
14072.0	0.0000706	12951.41895	14060.31055
14273.0	0.0000706	12948.18164	13970.68359
14133.0	0.0000706	12944.91016	13891.68164
14202.0	0.0000706	12941.60645	13821.92480
14074.0	0.0000706	12938.26953	13760.09766
13840.0	0.0000718	12934.89941	13705.07031
13849.0	0.0000718	12931.49414	13655.84668
13674.0	0.0000731	12928.05859	13611.62598
13914.0	0.0000718	12924.58887	13571.67871
13651.0	0.0000731	12921.08691	13535.40137
13362.0	0.0000743	12917.55273	13502.29395

13551.0	0.0000743	12913.98535	13471.93164
13551.0	0.0000743	12910.38281	13443.95703
13849.0	0.0000718	12906.75000	13418.09473
13436.0	0.0000743	12903.08496	13394.08984
13357.0	0.0000743	12899.38770	13371.73633
13488.0	0.0000743	12895.65723	13347.36133
13419.0	0.0000743	12891.89551	13327.82129
13128.0	0.0000756	12888.09961	13309.47363
13609.0	0.0000731	12884.27441	13292.21289
13139.0	0.0000756	12880.41602	13275.93750
13561.0	0.0000743	12876.52539	13260.55664
13351.0	0.0000743	12872.60352	13246.00781
13205.0	0.0000756	12868.65137	13232.22168
13128.0	0.0000756	12864.66602	13219.13379
13118.0	0.0000756	12860.64844	13206.69238
13152.0	0.0000756	12856.60059	13194.85840
13153.0	0.0000756	12852.52148	13183.58301
13197.0	0.0000756	12848.41211	13172.83496
13411.0	0.0000743	12844.27148	13162.57715
13357.0	0.0000743	12840.09766	13152.77832
12969.0	0.0000769	12835.89453	13143.41406
12747.0	0.0000783	12831.66016	13134.46289
13099.0	0.0000769	12827.39648	13125.90527
13170.0	0.0000756	12823.10059	13117.71875
12688.0	0.0000783	12818.77344	13109.88574
12858.0	0.0000783	12814.41699	13102.39844
13059.0	0.0000769	12810.03027	13095.24219
13026.0	0.0000769	12805.61426	13088.40820
13446.0	0.0000743	12801.16797	13081.88281
12713.0	0.0000783	12796.69043	13075.66504
13047.0	0.0000769	12792.18164	13069.74121
13241.0	0.0000756	12787.64453	13064.11816
12818.0	0.0000783	12783.07910	13058.78906
12740.0	0.0000783	12778.48145	13053.74707
13016.0	0.0000769	12773.85449	13049.00195
12807.0	0.0000783	12769.20020	13044.55273
13237.0	0.0000756	12764.51563	13040.40039
13268.0	0.0000756	12759.80176	13036.54883
12992.0	0.0000769	12755.05957	13033.00879
12706.0	0.0000783	12750.28613	13029.78516
12883.0	0.0000769	12745.48438	13026.88672
13080.0	0.0000769	12740.65527	13024.32910
13310.0	0.0000756	12735.79785	13022.12402
12621.0	0.0000797	12730.90918	13020.28027
13193.0	0.0000756	12725.99316	13018.82227
12913.0	0.0000769	12721.04980	13017.76953
13096.0	0.0000769	12716.07617	13017.13867
12906.0	0.0000769	12711.07617	13016.96191
12966.0	0.0000769	12706.04688	13017.26074
13010.0	0.0000769	12700.98926	13018.07227
13243.0	0.0000756	12695.90527	13019.43066
12880.0	0.0000783	12690.79297	13021.37305
12995.0	0.0000769	12685.65234	13023.94824
12885.0	0.0000769	12680.48340	13027.20703

12629.0	0.0000797	12675.28809	13031.20508
12862.0	0.0000783	12670.06641	13036.01172
13048.0	0.0000769	12664.81641	13041.69727
12702.0	0.0000783	12659.54004	13048.35352
12958.0	0.0000769	12654.23340	13056.07910
12852.0	0.0000783	12648.90332	13064.98340
12524.0	0.0000797	12643.54590	13075.19824
12778.0	0.0000783	12638.16113	13086.87598
12866.0	0.0000783	12632.74707	13100.19336
12903.0	0.0000769	12627.31055	13115.34277
13124.0	0.0000756	12621.84668	13132.55371
13491.0	0.0000743	12616.35645	13152.09082
12804.0	0.0000783	12610.83984	13174.25195
13400.0	0.0000743	12605.29785	13199.38086
12881.0	0.0000783	12599.72656	13227.86133
13547.0	0.0000743	12594.13281	13260.10938
13272.0	0.0000756	12588.51367	13296.60547
12942.0	0.0000769	12582.86816	13337.87598
13083.0	0.0000769	12577.19531	13384.51367
13400.0	0.0000743	12571.50000	13437.10156
13428.0	0.0000743	12565.77637	13496.31738
13626.0	0.0000731	12560.03027	13562.86523
13598.0	0.0000731	12554.25781	13637.46875
13428.0	0.0000743	12548.46191	13720.87109
13366.0	0.0000743	12542.63867	13813.84082
14001.0	0.0000718	12536.79297	13917.01172
13640.0	0.0000731	12530.91992	14031.04199
13878.0	0.0000718	12525.02246	14156.49023
13591.0	0.0000731	12519.10352	14293.55664
14218.0	0.0000706	12513.15918	14442.26953
14230.0	0.0000706	12507.19141	14602.16113
14016.0	0.0000718	12501.19922	14772.12793
15024.0	0.0000661	12495.18164	14950.21191
15084.0	0.0000661	12489.13965	15133.43164
14889.0	0.0000672	12483.07617	15317.27734
15156.0	0.0000661	12476.99023	15495.99316
15051.0	0.0000661	12470.87891	15662.36328
15092.0	0.0000661	12464.74219	15808.15039
15747.0	0.0000640	12458.58496	15924.59570
15738.0	0.0000640	12452.40527	16003.77051
15834.0	0.0000630	12446.20215	16039.53809
15957.0	0.0000630	12439.97559	16028.67969
16147.0	0.0000620	12433.72754	15971.50000
15597.0	0.0000640	12427.45215	15871.71094
15541.0	0.0000640	12421.15820	15735.92188
15799.0	0.0000630	12414.84180	15572.27637
15909.0	0.0000630	12408.50391	15389.43164
15880.0	0.0000630	12402.14160	15195.45605
15687.0	0.0000640	12395.75684	14997.49316
14911.0	0.0000672	12389.35254	14801.05176
15119.0	0.0000661	12382.92578	14610.26563
15001.0	0.0000672	12376.47754	14427.98828
14571.0	0.0000683	12370.00586	14255.95703
14127.0	0.0000706	12363.51563	14095.28418

14324.0	0.0000694	12357.00098	13946.27539
14123.0	0.0000706	12350.46680	13808.89258
13557.0	0.0000743	12343.91113	13682.75098
14217.0	0.0000706	12337.33398	13567.41016
13589.0	0.0000731	12330.73828	13462.18359
13292.0	0.0000756	12324.12012	13366.35547
13634.0	0.0000731	12317.48047	13279.18848
13119.0	0.0000756	12310.82227	13199.94336
12958.0	0.0000769	12304.14160	13127.87012
12672.0	0.0000783	12297.44238	13062.32910
12862.0	0.0000783	12290.72363	13002.63281
12878.0	0.0000783	12283.98438	12948.16992
12771.0	0.0000783	12277.22070	12898.35449
12929.0	0.0000769	12270.44238	12852.70703
12329.0	0.0000812	12263.64355	12810.74121
12736.0	0.0000783	12256.82617	12772.03418
12536.0	0.0000797	12249.98828	12736.20898
12502.0	0.0000797	12243.13184	12702.93555
12584.0	0.0000797	12236.25195	12671.90234
12377.0	0.0000812	12229.35742	12642.88379
12633.0	0.0000797	12222.44336	12615.63770
12298.0	0.0000812	12215.51074	12589.96582
12402.0	0.0000812	12208.55469	12565.69141
12421.0	0.0000812	12201.58496	12542.68457
12749.0	0.0000783	12194.59668	12520.80664
11907.0	0.0000842	12187.59082	12499.94434
12468.0	0.0000797	12180.56543	12479.99609
12253.0	0.0000812	12173.51855	12460.86914
12461.0	0.0000797	12166.45703	12442.50488
12139.0	0.0000826	12159.37891	12424.82910
12256.0	0.0000812	12152.28223	12407.78125
12261.0	0.0000812	12145.16602	12391.30176
12140.0	0.0000826	12138.03418	12375.35547
12214.0	0.0000812	12130.88379	12359.89355
12195.0	0.0000826	12123.71777	12344.88086
11973.0	0.0000842	12116.53418	12330.28027
12264.0	0.0000812	12109.33398	12316.06250
12131.0	0.0000826	12102.11523	12302.19531
12053.0	0.0000826	12094.88086	12288.65820
12162.0	0.0000826	12087.62891	12275.42383
12089.0	0.0000826	12080.36230	12262.47266
12225.0	0.0000812	12073.07617	12249.78027
12377.0	0.0000812	12065.77734	12237.33984
12087.0	0.0000826	12058.46094	12225.12402
12061.0	0.0000826	12051.12988	12213.12500
12306.0	0.0000812	12043.78027	12201.31836
12045.0	0.0000826	12036.41699	12189.70215
11747.0	0.0000857	12029.03613	12178.25391
11912.0	0.0000842	12021.64160	12166.97363
12066.0	0.0000826	12014.23242	12155.84277
12139.0	0.0000826	12006.80273	12144.85156
12315.0	0.0000812	11999.36230	12133.99609
11554.0	0.0000873	11991.90723	12123.26855
12015.0	0.0000826	11984.43652	12112.65723

11854.0	0.0000842	11976.95215	12102.15918
12219.0	0.0000812	11969.45215	12091.76270
12160.0	0.0000826	11961.93359	12081.45898
11684.0	0.0000857	11954.40430	12071.25195
12100.0	0.0000826	11946.86133	12061.13184
11548.0	0.0000873	11939.30469	12051.09277
12247.0	0.0000812	11931.73145	12041.12793
11524.0	0.0000873	11924.14355	12031.23535
12004.0	0.0000826	11916.54492	12021.41504
11736.0	0.0000857	11908.93164	12011.65527
11956.0	0.0000842	11901.30566	12001.95898
11981.0	0.0000842	11893.66602	11992.32031
11885.0	0.0000842	11886.01074	11982.73340
11930.0	0.0000842	11878.34277	11973.19629
11980.0	0.0000842	11870.66309	11963.71094
11788.0	0.0000842	11862.97070	11954.26953
12010.0	0.0000826	11855.26367	11944.87012
11890.0	0.0000842	11847.54492	11935.51172
11833.0	0.0000842	11839.81543	11926.19629
11677.0	0.0000857	11832.06934	11916.91016
11786.0	0.0000842	11824.31445	11907.66504
11486.0	0.0000873	11816.54395	11898.44629
11450.0	0.0000873	11808.76465	11889.26367
11890.0	0.0000842	11800.97266	11880.10938
11901.0	0.0000842	11793.16895	11870.98242
11831.0	0.0000842	11785.34961	11861.87695
11692.0	0.0000857	11777.52246	11852.80078
11663.0	0.0000857	11769.68359	11843.74902
11902.0	0.0000842	11761.83398	11834.71777
11552.0	0.0000873	11753.97266	11825.70898
11694.0	0.0000857	11746.09961	11816.71973
11592.0	0.0000857	11738.21191	11807.74512
11411.0	0.0000873	11730.31738	11798.79297
12058.0	0.0000826	11722.41113	11789.85645
11753.0	0.0000857	11714.49609	11780.93848
11691.0	0.0000857	11706.56445	11772.02734
11491.0	0.0000873	11698.62793	11763.13770
11451.0	0.0000873	11690.68066	11754.26074
11806.0	0.0000842	11682.72266	11745.39648
11543.0	0.0000873	11674.75488	11736.54688
11674.0	0.0000857	11666.77734	11727.70605
11492.0	0.0000873	11658.78516	11718.87109
11405.0	0.0000873	11650.78711	11710.05176
11865.0	0.0000842	11642.78027	11701.24316
11602.0	0.0000857	11634.76172	11692.44141
11694.0	0.0000857	11626.73535	11683.64844
11623.0	0.0000857	11618.70020	11674.86621
11430.0	0.0000873	11610.65332	11666.08887
11498.0	0.0000873	11602.60059	11657.32129
11717.0	0.0000857	11594.53809	11648.56055
11743.0	0.0000857	11586.46387	11639.80273
11490.0	0.0000873	11578.38379	11631.05469
11288.0	0.0000890	11570.29590	11622.31152
11468.0	0.0000873	11562.19629	11613.57227

11470.0	0.0000873	11554.08887	11605.10742
11392.0	0.0000873	11545.97461	11596.38281
11768.0	0.0000857	11537.85352	11587.66309
11703.0	0.0000857	11529.72363	11578.94727
11143.0	0.0000890	11521.58594	11570.23633
11179.0	0.0000890	11513.43750	11561.52539
11461.0	0.0000873	11505.28223	11552.81836
11517.0	0.0000873	11497.12109	11544.11914
11447.0	0.0000873	11488.95410	11535.42285
11426.0	0.0000873	11480.77832	11526.72852
11447.0	0.0000873	11472.59082	11518.03125
11216.0	0.0000890	11464.40137	11509.34473
11068.0	0.0000907	11456.20410	11500.65820
11295.0	0.0000890	11448.00098	11491.97656
11343.0	0.0000873	11439.79004	11483.29297
11279.0	0.0000890	11431.56836	11474.60840
11436.0	0.0000873	11423.34473	11465.93262
11478.0	0.0000873	11415.11426	11457.25781
11343.0	0.0000873	11406.87793	11448.58398
11258.0	0.0000890	11398.63281	11439.91016
11285.0	0.0000890	11390.38184	11431.23828
11351.0	0.0000873	11382.12695	11422.57031
11355.0	0.0000873	11373.86719	11413.90430
11519.0	0.0000873	11365.60059	11405.23926
11804.0	0.0000842	11357.32813	11396.57422
11811.0	0.0000842	11349.04883	11387.90918
11863.0	0.0000842	11340.76367	11379.24609
12138.0	0.0000826	11332.47461	11370.58398
12198.0	0.0000826	11324.18164	11361.92676
12240.0	0.0000812	11315.87988	11353.26660
12405.0	0.0000812	11307.57617	11344.60742
12126.0	0.0000826	11299.26855	11335.95313
11818.0	0.0000842	11290.95313	11327.29492
12008.0	0.0000826	11282.63477	11318.64160
11909.0	0.0000842	11274.31250	11309.98730
11638.0	0.0000857	11265.98242	11301.33203
11794.0	0.0000842	11257.65137	11292.68262
11795.0	0.0000842	11249.31641	11284.03223
11585.0	0.0000857	11240.97070	11275.37598
11619.0	0.0000857	11232.62695	11266.72656
11438.0	0.0000873	11224.27930	11258.07910
11067.0	0.0000907	11215.92871	11249.43359
11175.0	0.0000890	11207.57324	11240.78516
11273.0	0.0000890	11199.21387	11232.14160
11075.0	0.0000907	11190.84668	11223.49121
11081.0	0.0000907	11182.48145	11214.84766
11018.0	0.0000907	11174.11230	11206.20605
10753.0	0.0000925	11165.74023	11197.56250
10972.0	0.0000907	11157.36035	11188.91797
11332.0	0.0000890	11148.98145	11180.27832
11243.0	0.0000890	11140.60059	11171.63867
10970.0	0.0000907	11132.21680	11163.00195
10852.0	0.0000925	11123.83008	11154.36523
10996.0	0.0000907	11115.44141	11145.72949

10956.0	0.0000907	11107.04395	11137.08789
10853.0	0.0000925	11098.65039	11128.45605
11127.0	0.0000907	11090.25391	11119.82324
11288.0	0.0000890	11081.85547	11111.19434
11143.0	0.0000890	11073.45215	11102.55859
11020.0	0.0000907	11065.04980	11083.45215
11070.0	0.0000907	11056.64355	11074.87207
11152.0	0.0000890	11048.23730	11066.29688
10938.0	0.0000907	11039.82910	11057.72070
10783.0	0.0000925	11031.41992	11049.14551
10923.0	0.0000907	11023.00684	11040.56934
10992.0	0.0000907	11014.59473	11031.99805
10987.0	0.0000907	11006.17871	11023.42480
11022.0	0.0000907	10997.76172	11014.85254
11028.0	0.0000907	10989.34570	11006.28320
11013.0	0.0000907	10980.92969	10997.71777
10984.0	0.0000907	10972.51172	10989.15137
10815.0	0.0000925	10964.09277	10980.58691
10745.0	0.0000925	10955.67188	10972.02344
11043.0	0.0000907	10947.25000	10963.45996
11113.0	0.0000907	10938.82910	10954.89941
10894.0	0.0000925	10930.40918	10946.34277
10886.0	0.0000925	10921.98828	10937.78711
11002.0	0.0000907	10913.56250	10929.22754
11066.0	0.0000907	10905.14063	10920.67480
11024.0	0.0000907	10896.71973	10912.12500
10997.0	0.0000907	10888.29883	10903.57813
11036.0	0.0000907	10879.87793	10895.03125
11017.0	0.0000907	10871.45801	10886.48828
10944.0	0.0000907	10863.03223	10877.93945
10885.0	0.0000925	10854.61230	10869.40039
10892.0	0.0000925	10846.19238	10860.86328
10850.0	0.0000925	10837.77344	10852.32813
10653.0	0.0000943	10829.35352	10843.79395
10455.0	0.0000961	10820.93457	10835.26172
10515.0	0.0000943	10812.51758	10826.73438
10836.0	0.0000925	10804.10254	10818.20996
10576.0	0.0000943	10795.68848	10809.68848
10108.0	0.0000980	10787.27246	10801.16504
10496.0	0.0000961	10778.86133	10792.64941
10909.0	0.0000925	10770.44727	10784.13281
10876.0	0.0000925	10762.03906	10775.62207
10785.0	0.0000925	10753.62891	10767.11133
10873.0	0.0000925	10745.22363	10758.60742
11036.0	0.0000907	10736.81934	10750.10742
10892.0	0.0000925	10728.41699	10741.60840
10719.0	0.0000925	10720.01367	10733.11035
10768.0	0.0000925	10711.61523	10724.61914
10815.0	0.0000925	10703.21680	10712.76074
10830.0	0.0000925	10694.82129	10704.29395
10848.0	0.0000925	10686.42969	10695.83301
10812.0	0.0000925	10678.04004	10687.37402
10746.0	0.0000925	10669.64746	10678.91406
10713.0	0.0000925	10661.26270	10670.46289

10727.0	0.0000925	10652.87988	10662.01465
10689.0	0.0000943	10644.50000	10653.57129
10529.0	0.0000943	10636.12305	10645.13086
10514.0	0.0000943	10627.74902	10636.69531
10649.0	0.0000943	10619.37207	10628.25684
10690.0	0.0000943	10611.00391	10619.82813
10727.0	0.0000925	10602.63867	10611.40430
10793.0	0.0000925	10594.27148	10602.97949
10783.0	0.0000925	10585.91211	10594.56348
10887.0	0.0000925	10577.55664	10586.15137
11102.0	0.0000907	10569.20410	10577.74414
11026.0	0.0000907	10560.85547	10569.34180
10702.0	0.0000943	10552.50977	10560.94336
10420.0	0.0000961	10544.16309	10552.54492
10474.0	0.0000961	10535.82422	10544.15527
10632.0	0.0000943	10527.49023	10535.77051
10549.0	0.0000943	10519.16016	10527.39160
10343.0	0.0000961	10510.83105	10519.01465
10304.0	0.0000961	10502.50781	10510.64355
10574.0	0.0000943	10494.18750	10502.27734
10653.0	0.0000943	10485.87305	10493.91797
10532.0	0.0000943	10477.56250	10485.56250
10607.0	0.0000943	10469.25684	10477.21289
10743.0	0.0000925	10460.95313	10468.86719
10729.0	0.0000925	10452.65625	10460.52930
10500.0	0.0000961	10444.36133	10452.19238
10390.0	0.0000961	10436.07324	10443.86523
10539.0	0.0000943	10427.78711	10435.54004
10677.0	0.0000943	10419.50879	10427.22363
10678.0	0.0000943	10411.23535	10418.91211
10627.0	0.0000943	10402.96680	10410.60742
10779.0	0.0000925	10394.69922	10402.30566
10822.0	0.0000925	10386.43848	10394.01074
10493.0	0.0000961	10378.18457	10385.72266
10244.0	0.0000980	10369.93652	10377.44141
10206.0	0.0000980	10361.69336	10369.16699
10254.0	0.0000980	10353.45020	10360.89258
10282.0	0.0000980	10345.21777	10352.63086
10332.0	0.0000961	10336.99023	10344.37500
10489.0	0.0000961	10328.76855	10336.12500
10596.0	0.0000943	10320.55273	10327.88184
10460.0	0.0000961	10312.34180	10319.64453
10037.0	0.0001000	10304.13184	10311.40918
9890.0	0.0001020	10295.93359	10303.18652
10175.0	0.0000980	10287.74023	10294.96973
10407.0	0.0000961	10279.55371	10286.76074
10458.0	0.0000961	10271.37012	10278.55566
10356.0	0.0000961	10263.19238	10270.35742
10178.0	0.0000980	10255.02344	10262.16895
10228.0	0.0000980	10246.86035	10253.98730
10506.0	0.0000943	10238.70313	10245.81250
10347.0	0.0000961	10230.55371	10237.64648
10126.0	0.0000980	10222.40723	10229.48438
10362.0	0.0000961	10214.26758	10221.33008

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10299.0	0.0000980	10198.00879	10205.04590
10405.0	0.0000961	10189.89160	10196.91797
10483.0	0.0000961	10181.78027	10188.79590
10402.0	0.0000961	10173.67578	10180.68164
10276.0	0.0000980	10165.57617	10172.57422
10321.0	0.0000961	10157.48535	10164.47754
10398.0	0.0000961	10149.39941	10156.38672
10148.0	0.0000980	10141.32324	10148.30566
10185.0	0.0000980	10133.25293	10140.23145
10587.0	0.0000943	10125.18945	10132.16699
10455.0	0.0000961	10117.12988	10124.10742
10236.0	0.0000980	10109.08203	10116.05957
10405.0	0.0000961	10101.04102	10108.02051
10507.0	0.0000943	10093.00684	10099.99121
10290.0	0.0000980	10084.98047	10091.96875
9878.0	0.0001020	10076.96191	10083.95703
9825.0	0.0001020	10068.94531	10075.94922
10096.0	0.0001000	10060.94238	10067.95508
10321.0	0.0000961	10052.94531	10059.96973
10382.0	0.0000961	10044.95703	10051.99414
10278.0	0.0000980	10036.97168	10044.02344
10130.0	0.0000980	10028.99902	10036.06738
10265.0	0.0000980	10021.03320	10028.12012
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9929.0	0.0001000	10005.12695	10012.25488
9561.0	0.0001041	9997.18262	10004.33594
9677.0	0.0001041	9989.24707	9996.42578
9805.0	0.0001020	9981.32129	9988.52832
9933.0	0.0001000	9973.40430	9980.64160
10099.0	0.0001000	9965.49219	9972.76270
10145.0	0.0000980	9957.59180	9964.89746
10092.0	0.0001000	9949.69922	9957.04297
9998.0	0.0001000	9941.81250	9949.19629
9851.0	0.0001020	9933.93652	9941.36426
9806.0	0.0001020	9926.06934	9933.54199
9935.0	0.0001000	9918.20801	9925.72949
9889.0	0.0001020	9910.35742	9917.93164
9819.0	0.0001020	9902.51563	9910.14551
10041.0	0.0001000	9894.68066	9902.36914
10135.0	0.0000980	9886.85352	9894.60449
10015.0	0.0001000	9879.03809	9886.85449
9943.0	0.0001000	9871.23047	9879.11719
9815.0	0.0001020	9863.43262	9871.39355
9651.0	0.0001041	9855.64258	9863.68164
9656.0	0.0001041	9847.85938	9855.98047
9736.0	0.0001020	9840.08496	9848.29492
9896.0	0.0001020	9832.32227	9840.62402
10331.0	0.0000961	9824.56934	9832.96875
10573.0	0.0000943	9816.82520	9825.32715
10318.0	0.0000961	9809.08496	9817.69727
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9881.0	0.0001020	9793.64063	9802.49023
9890.0	0.0001020	9785.93262	9794.91113

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9912.0	0.0001000	9770.54004	9779.79883
9911.0	0.0001000	9762.86035	9772.27246
9797.0	0.0001020	9755.18945	9764.76270
9682.0	0.0001041	9747.52832	9757.27246
9774.0	0.0001020	9739.87402	9749.79785
9891.0	0.0001020	9732.22949	9742.34570
9894.0	0.0001020	9724.59668	9734.91504
9792.0	0.0001020	9716.97363	9727.50684
9697.0	0.0001041	9709.35938	9720.12109
9608.0	0.0001041	9701.75586	9712.75977
9412.0	0.0001063	9694.15918	9705.42090
9375.0	0.0001063	9686.57227	9698.10645
9586.0	0.0001041	9678.99805	9690.82324
9663.0	0.0001041	9671.43262	9683.56836
9533.0	0.0001041	9663.87500	9676.33984
9394.0	0.0001063	9656.33008	9669.14746
9595.0	0.0001041	9648.79395	9661.98730
9799.0	0.0001020	9641.26660	9654.86133
9634.0	0.0001041	9633.75098	9647.77539
9620.0	0.0001041	9626.24512	9640.72949
9748.0	0.0001020	9618.74707	9633.72363
9686.0	0.0001041	9611.26172	9626.76758
9637.0	0.0001041	9603.78711	9619.86230
9615.0	0.0001041	9596.31738	9613.00586
9459.0	0.0001063	9588.86133	9606.20898
9426.0	0.0001063	9581.41699	9599.47754
9585.0	0.0001041	9573.98242	9592.81445
9705.0	0.0001020	9566.55762	9586.22461
9708.0	0.0001020	9559.14258	9579.71582
9604.0	0.0001041	9551.73438	9573.29492
9454.0	0.0001063	9544.34082	9566.97852
9423.0	0.0001063	9536.95801	9560.77344
9527.0	0.0001041	9529.58398	9554.69238
9493.0	0.0001063	9522.21777	9548.75195
9582.0	0.0001041	9514.86523	9542.97656
9853.0	0.0001020	9507.52344	9537.39258
9408.0	0.0001063	9500.19238	9532.03027
9250.0	0.0001085	9492.87207	9526.93359
9582.0	0.0001041	9485.56152	9522.15234
9761.0	0.0001020	9478.25781	9517.75000
9458.0	0.0001063	9470.96875	9513.81641
9461.0	0.0001063	9463.69043	9510.45020
9559.0	0.0001041	9456.42285	9507.77441
9646.0	0.0001041	9449.16309	9505.93555
9601.0	0.0001041	9441.91699	9505.10645
9792.0	0.0001020	9434.67871	9505.47852
9406.0	0.0001063	9427.45313	9507.26855
10069.0	0.0001000	9420.23926	9510.70508
9669.0	0.0001041	9413.03418	9516.02051
9621.0	0.0001041	9405.84082	9523.43359
9619.0	0.0001041	9398.65918	9533.14551
9611.0	0.0001041	9391.48535	9545.31055
9382.0	0.0001063	9384.32324	9560.02539

9823.0	0.0001020	9377.17383	9577.25488
9293.0	0.0001085	9370.03516	9596.83105
9659.0	0.0001041	9362.90723	9618.36230
10018.0	0.0001000	9355.79102	9641.14844
9620.0	0.0001041	9348.68262	9664.08105
10098.0	0.0001000	9341.58594	9685.59180
9488.0	0.0001063	9334.50195	9703.61426
9898.0	0.0001020	9327.42969	9715.85449
9883.0	0.0001020	9320.36719	9720.16016
9490.0	0.0001063	9313.31250	9715.09863
9761.0	0.0001020	9306.27246	9700.40820
9566.0	0.0001041	9299.24414	9677.07910
9613.0	0.0001041	9292.22656	9647.03125
9644.0	0.0001041	9285.21973	9612.56738
9427.0	0.0001063	9278.22461	9575.87891
9622.0	0.0001041	9271.23535	9538.73047
9824.0	0.0001020	9264.26270	9502.45410
9614.0	0.0001041	9257.30078	9467.88574
9552.0	0.0001041	9250.34766	9435.52344
9358.0	0.0001063	9243.40820	9405.64453
9598.0	0.0001041	9236.47754	9378.31152
9413.0	0.0001063	9229.55957	9353.48047
9377.0	0.0001063	9222.65332	9331.02051
9333.0	0.0001063	9215.75879	9310.74707
9332.0	0.0001063	9208.87305	9292.43848
9450.0	0.0001063	9202.00000	9275.87695
9443.0	0.0001063	9195.13672	9260.82227
9077.0	0.0001108	9188.28613	9247.06055
9420.0	0.0001063	9181.44629	9234.38184
9251.0	0.0001085	9174.61816	9222.61328
9348.0	0.0001063	9167.80176	9211.59375
9288.0	0.0001085	9160.99707	9201.18945
9518.0	0.0001041	9154.20215	9191.28906
9305.0	0.0001085	9147.41992	9179.33887
9166.0	0.0001085	9140.64648	9170.20605
9218.0	0.0001085	9133.88672	9161.36133
9230.0	0.0001085	9127.13867	9152.75586
9572.0	0.0001041	9120.40137	9144.35254
9081.0	0.0001108	9113.67188	9136.12012
9210.0	0.0001085	9106.95801	9128.04297
8931.0	0.0001108	9100.25488	9120.09863
8968.0	0.0001108	9093.56348	9112.27344
9092.0	0.0001108	9086.88379	9104.55371
9069.0	0.0001108	9080.21094	9096.92285
9375.0	0.0001063	9073.55273	9089.38281
9188.0	0.0001085	9066.90723	9081.92285
9116.0	0.0001108	9060.27246	9074.53320
9145.0	0.0001085	9053.64551	9067.20605
9245.0	0.0001085	9047.03320	9059.94434
9242.0	0.0001085	9040.43262	9052.73828
9285.0	0.0001085	9033.84375	9045.58496
9121.0	0.0001085	9027.26563	9038.48047
9215.0	0.0001085	9020.70020	9031.42188
9317.0	0.0001063	9014.14063	9024.40137

9135.0	0.0001085	9007.59766	9017.42578
8934.0	0.0001108	9001.06543	9010.48730
8964.0	0.0001108	8994.54492	9003.58594
8957.0	0.0001108	8988.03418	8996.71582
9028.0	0.0001108	8981.53516	8989.87793
9643.0	0.0001041	8975.04688	8983.07129
8859.0	0.0001132	8968.57227	8976.29492
9335.0	0.0001063	8962.10938	8969.54688
9256.0	0.0001085	8955.65625	8962.82422
9433.0	0.0001063	8949.21387	8956.12695
9141.0	0.0001085	8942.78418	8949.45508
9528.0	0.0001041	8936.36426	8942.80566
9206.0	0.0001085	8929.95801	8936.18164
9163.0	0.0001085	8923.56055	8929.57715
9261.0	0.0001085	8917.17676	8922.99609
9267.0	0.0001085	8910.80469	8916.43652
9049.0	0.0001108	8904.44336	8909.89648
9228.0	0.0001085	8898.09180	8903.37402
9133.0	0.0001085	8891.75098	8896.87109
9454.0	0.0001063	8885.42480	8890.38965
8751.0	0.0001132	8879.10840	8883.92480
8917.0	0.0001132	8872.80469	8877.47949
8551.0	0.0001181	8866.50781	8871.04688
8875.0	0.0001132	8860.22656	8864.63574
9344.0	0.0001063	8853.95605	8858.24023
8897.0	0.0001132	8847.69824	8851.86328
8942.0	0.0001108	8841.44922	8845.50000
8962.0	0.0001108	8835.21387	8839.15527
8988.0	0.0001108	8828.98535	8832.82129
8979.0	0.0001108	8822.77246	8826.50684
8939.0	0.0001108	8816.57031	8820.20801
9241.0	0.0001085	8810.37891	8813.92285
8999.0	0.0001108	8804.19727	8807.65137
8903.0	0.0001132	8798.02734	8801.39453
8916.0	0.0001132	8791.87012	8795.15430
8881.0	0.0001132	8785.72461	8788.92773
8533.0	0.0001181	8779.58984	8782.71582
9094.0	0.0001108	8773.46680	8776.51855
8857.0	0.0001132	8767.35254	8770.33203
9006.0	0.0001108	8761.25000	8764.16016
8806.0	0.0001132	8755.16016	8758.00293
8740.0	0.0001156	8749.08008	8751.85742
8812.0	0.0001132	8743.01367	8745.72852
9107.0	0.0001108	8736.95703	8739.61133
8903.0	0.0001132	8730.91309	8733.50879
8416.0	0.0001181	8724.87695	8727.41602
8887.0	0.0001132	8718.85449	8721.33887
8756.0	0.0001132	8712.84180	8718.44336
8958.0	0.0001108	8706.84180	8712.40918
8958.0	0.0001108	8700.85156	8706.38770
8983.0	0.0001108	8694.87402	8700.38086
8885.0	0.0001132	8688.90430	8694.38281
8678.0	0.0001156	8682.94824	8688.40039
8780.0	0.0001132	8677.00391	8682.43066

8630.0	0.0001156	8671.06934	8676.47363
8885.0	0.0001132	8665.14746	8670.52832
8856.0	0.0001132	8659.23535	8664.59668
8423.0	0.0001181	8653.33203	8658.67383
8708.0	0.0001156	8647.44238	8652.76563
8629.0	0.0001156	8641.56348	8646.87012
8759.0	0.0001132	8635.69629	8640.98730
8822.0	0.0001132	8629.83594	8635.11230
8434.0	0.0001181	8623.99023	8629.25293
8608.0	0.0001156	8618.15527	8623.40723
8690.0	0.0001156	8612.33105	8617.57129
8496.0	0.0001181	8606.51855	8611.74902
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8464.0	0.0001181	8594.92188	8600.13574
8602.0	0.0001156	8589.14063	8594.34668
8579.0	0.0001156	8583.37109	8588.57129
8447.0	0.0001181	8577.61133	8588.88672
8740.0	0.0001156	8571.86328	8583.16992
8560.0	0.0001156	8566.12598	8577.46484
8739.0	0.0001156	8560.39746	8571.77051
8653.0	0.0001156	8554.68262	8566.08789
8506.0	0.0001181	8548.97754	8560.41992
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8558.0	0.0001156	8520.60840	8532.24316
8381.0	0.0001181	8514.96680	8526.64453
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8614.0	0.0001156	8498.10742	8509.91699
8647.0	0.0001156	8492.50781	8504.36426
8504.0	0.0001181	8486.91699	8498.82129
8489.0	0.0001181	8481.33984	8493.29102
8594.0	0.0001156	8475.77246	8487.77344
8444.0	0.0001181	8470.21289	8482.26367
8425.0	0.0001181	8464.66699	8476.77051
8463.0	0.0001181	8459.13086	8471.28613
8534.0	0.0001181	8453.60547	8465.81348
8568.0	0.0001156	8448.08984	8460.35254
8224.0	0.0001208	8442.58594	8454.90332
8623.0	0.0001156	8437.08789	8449.46289
8624.0	0.0001156	8431.60352	8444.03613
8690.0	0.0001156	8426.12988	8438.62109
8388.0	0.0001181	8420.66699	8433.21680
8584.0	0.0001156	8415.21191	8433.37598
8414.0	0.0001181	8409.76660	8428.01465
8473.0	0.0001181	8404.33398	8422.66504
8235.0	0.0001208	8398.91211	8417.32910
8407.0	0.0001181	8393.49902	8412.00195
8536.0	0.0001181	8388.09668	8406.68848
8220.0	0.0001208	8382.70215	8401.38184
8181.0	0.0001235	8377.31934	8396.08984
8313.0	0.0001208	8371.94727	8390.80859

8489.0	0.0001181	8366.58496	8385.53809
8397.0	0.0001181	8361.23047	8380.27832
8726.0	0.0001156	8355.88867	8375.03027
8528.0	0.0001181	8350.55664	8369.79492
8500.0	0.0001181	8345.23340	8364.56836
8408.0	0.0001181	8339.92090	8359.35449
8389.0	0.0001181	8334.61719	8354.15039
8556.0	0.0001181	8329.32422	8348.95801
8227.0	0.0001208	8324.04199	8343.77734
8134.0	0.0001235	8318.76953	8338.60840
8542.0	0.0001181	8313.50293	8333.44727
8218.0	0.0001208	8308.25000	8328.29883
8468.0	0.0001181	8303.00684	8323.16406
8474.0	0.0001181	8297.77246	8318.03809
8384.0	0.0001181	8292.54883	8312.92188
8352.0	0.0001208	8287.33398	8307.81934
8476.0	0.0001181	8282.12598	8302.72363
8395.0	0.0001181	8276.93164	8297.64258
8278.0	0.0001208	8271.74609	8292.57129
8218.0	0.0001208	8266.56934	8287.51074
8229.0	0.0001208	8261.40039	8282.45996
7917.0	0.0001262	8256.24316	8277.42090
8440.0	0.0001181	8251.09570	8272.39453
8484.0	0.0001181	8245.95801	8267.37793
8312.0	0.0001208	8240.82910	8262.37207
7946.0	0.0001262	8235.70996	8257.37695
8375.0	0.0001181	8230.59766	8252.39063
7979.0	0.0001262	8225.49707	8247.41797
8287.0	0.0001208	8220.40625	8242.45410
8278.0	0.0001208	8215.32227	8237.50098
7899.0	0.0001262	8210.25000	8232.56055
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8274.0	0.0001208	8200.13184	8222.71191
8298.0	0.0001208	8195.08594	8217.80176
8553.0	0.0001181	8190.05029	8212.90430
8053.0	0.0001235	8185.02246	8208.01660
8180.0	0.0001235	8180.00537	8203.14063
8116.0	0.0001235	8174.99707	8198.27441
8166.0	0.0001235	8169.99609	8193.41797
8366.0	0.0001208	8165.00439	8188.57275
8011.0	0.0001235	8160.02295	8183.73926
8080.0	0.0001235	8155.05078	8178.91650
8384.0	0.0001181	8150.08691	8174.10400
8302.0	0.0001208	8145.13232	8169.30225
8326.0	0.0001208	8140.18555	8164.51074
8147.0	0.0001235	8135.24756	8159.72900
8114.0	0.0001235	8130.31934	8154.95996
8195.0	0.0001208	8125.40039	8150.20117
7912.0	0.0001262	8120.48975	8145.45264
8060.0	0.0001235	8115.58545	8140.71289
8082.0	0.0001235	8110.69238	8135.98535
8131.0	0.0001235	8105.80811	8131.26904
8277.0	0.0001208	8100.93213	8126.56299
8026.0	0.0001235	8096.06543	8121.86914

8339.0	0.0001208	8091.20703	8117.18408
7946.0	0.0001262	8086.35449	8112.50781
8079.0	0.0001235	8081.51270	8107.84424
8174.0	0.0001235	8076.68018	8103.19238
8184.0	0.0001235	8071.85449	8098.54932
8199.0	0.0001208	8067.03857	8093.91797
7722.0	0.0001291	8062.22949	8089.29639
8252.0	0.0001208	8057.43018	8084.68604
8068.0	0.0001235	8052.63965	8080.08691
8292.0	0.0001208	8047.85742	8075.49902
7873.0	0.0001262	8043.08154	8070.91943
8296.0	0.0001208	8038.31543	8066.35156
8046.0	0.0001235	8033.55664	8061.79346
8229.0	0.0001208	8028.80713	8057.24805
8044.0	0.0001235	8024.06445	8052.71143
8064.0	0.0001235	8019.33154	8048.18750
8085.0	0.0001235	8014.60596	8043.67285
7932.0	0.0001262	8009.88916	8039.16992
8114.0	0.0001235	8005.17871	8034.67627
8115.0	0.0001235	8000.47803	8030.19482
8404.0	0.0001181	7995.78369	8025.72266
8306.0	0.0001208	7991.09863	8021.26270
8096.0	0.0001235	7986.42188	8016.81348
8427.0	0.0001181	7981.75293	8012.37500
7936.0	0.0001262	7977.08887	8007.94434
8299.0	0.0001208	7972.43506	8003.52734
8238.0	0.0001208	7967.78955	7999.12158
8332.0	0.0001208	7963.15186	7994.72607
8103.0	0.0001235	7958.52148	7990.34229
8093.0	0.0001235	7953.89648	7985.96680
7771.0	0.0001291	7949.28125	7981.60400
7913.0	0.0001262	7944.67480	7977.25293
7818.0	0.0001291	7940.07520	7972.91260
8142.0	0.0001235	7935.48096	7968.58154
7982.0	0.0001262	7930.89648	7964.26270
7969.0	0.0001262	7926.31982	7959.95654
7988.0	0.0001262	7921.75049	7955.66016
7852.0	0.0001262	7917.18848	7951.37500
7754.0	0.0001291	7912.63428	7947.10205
8001.0	0.0001262	7908.08447	7942.83643
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7960.0	0.0001262	7899.01270	7934.34570
8114.0	0.0001235	7894.48779	7930.11768
7654.0	0.0001321	7889.96875	7925.89893
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7908.0	0.0001262	7876.45801	7913.31641
7948.0	0.0001262	7871.96924	7909.14551
7820.0	0.0001291	7867.48730	7904.98633
7907.0	0.0001262	7863.01123	7900.83740
8156.0	0.0001235	7858.54346	7896.70215
7836.0	0.0001262	7854.08203	7892.57715
7863.0	0.0001262	7849.62744	7888.46436
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8017.0	0.0001235	7836.30811	7876.19971
8177.0	0.0001235	7831.88232	7872.13672
8130.0	0.0001235	7827.46191	7868.08398
7950.0	0.0001262	7823.04834	7864.04297
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8007.0	0.0001262	7814.24414	7856.00195
8166.0	0.0001235	7809.85254	7852.00098
8109.0	0.0001235	7805.46436	7848.00928
7987.0	0.0001262	7801.08545	7844.03320
8155.0	0.0001235	7796.71387	7840.07031
8174.0	0.0001235	7792.34863	7836.11963
8153.0	0.0001235	7787.98975	7832.18262
8456.0	0.0001181	7783.63721	7828.25830
8162.0	0.0001235	7779.28906	7824.34570
8107.0	0.0001235	7774.94971	7820.44824
8580.0	0.0001156	7770.61719	7816.56494
7755.0	0.0001291	7766.29004	7812.42432
8127.0	0.0001235	7761.96875	7808.56934
8022.0	0.0001235	7757.65430	7804.72852
8128.0	0.0001235	7753.34668	7800.90186
7808.0	0.0001291	7749.04541	7797.08936
7914.0	0.0001262	7744.75049	7793.29150
7827.0	0.0001291	7740.46045	7789.50635
7784.0	0.0001291	7736.17822	7785.73828
7808.0	0.0001291	7731.90088	7781.98340
7725.0	0.0001291	7727.62988	7778.24365
7681.0	0.0001291	7723.36475	7774.51904
7616.0	0.0001321	7719.10693	7770.81055
7701.0	0.0001291	7714.85547	7767.11865
7407.0	0.0001352	7710.60938	7763.44141
7741.0	0.0001291	7706.36768	7759.77832
7675.0	0.0001291	7702.13379	7756.13379
7442.0	0.0001352	7697.90430	7752.50391
7697.0	0.0001291	7693.68213	7748.89160
7537.0	0.0001321	7689.46582	7745.29736
7570.0	0.0001321	7685.25488	7741.71875
7656.0	0.0001321	7681.04834	7738.15674
7597.0	0.0001321	7676.84912	7734.61328
7508.0	0.0001321	7672.65625	7731.08838
7724.0	0.0001291	7668.46826	7727.58105
7511.0	0.0001321	7664.28662	7724.09277
7456.0	0.0001352	7660.11035	7720.62305
7532.0	0.0001321	7655.93750	7717.17090
7869.0	0.0001262	7651.77246	7713.73926
7643.0	0.0001321	7647.61279	7710.32715
7692.0	0.0001291	7643.45801	7706.93555
7536.0	0.0001321	7639.30811	7703.56299
7716.0	0.0001291	7635.16504	7700.21240
7714.0	0.0001291	7631.02734	7696.88330
7816.0	0.0001291	7626.89551	7693.57666
7937.0	0.0001262	7622.76904	7690.29199
7679.0	0.0001291	7618.64648	7687.02832
7476.0	0.0001352	7614.52930	7683.78760

7666.0	0.0001291	7610.41797	7680.57031
7612.0	0.0001321	7606.31250	7677.37842
7408.0	0.0001352	7602.21143	7674.21045
7643.0	0.0001321	7598.11621	7671.06738
7367.0	0.0001352	7594.02588	7667.94971
7561.0	0.0001321	7589.94043	7664.85742
7592.0	0.0001321	7585.86084	7661.94336
7524.0	0.0001321	7581.78613	7658.90625
7991.0	0.0001262	7577.71582	7655.89697
7524.0	0.0001321	7573.65088	7652.91602
7746.0	0.0001291	7569.59180	7649.96680
7502.0	0.0001321	7565.53613	7647.04443
7545.0	0.0001321	7561.48535	7644.15381
7511.0	0.0001321	7557.44092	7641.29590
7684.0	0.0001291	7553.40088	7638.46973
7772.0	0.0001291	7549.36621	7635.67725
7733.0	0.0001291	7545.33594	7632.91895
7684.0	0.0001291	7541.30859	7630.19434
7700.0	0.0001291	7537.28760	7627.50732
7732.0	0.0001291	7533.27197	7624.85742
7722.0	0.0001291	7529.26123	7622.24561
7688.0	0.0001291	7525.25293	7619.67236
7773.0	0.0001291	7521.25146	7617.14063
7835.0	0.0001262	7517.25391	7614.64990
7684.0	0.0001291	7513.26172	7612.20313
7463.0	0.0001352	7509.27393	7609.79980
7318.0	0.0001352	7505.29053	7607.44238
7346.0	0.0001352	7501.30957	7605.13135
7613.0	0.0001321	7497.33496	7602.86865
7784.0	0.0001291	7493.36523	7600.65674
7420.0	0.0001352	7489.40039	7598.49854
7160.0	0.0001384	7485.43799	7596.39160
7248.0	0.0001384	7481.47998	7594.34033
7251.0	0.0001384	7477.52783	7592.34717
7341.0	0.0001352	7473.58057	7590.41406
7535.0	0.0001321	7469.63721	7588.54297
7407.0	0.0001352	7465.69727	7586.73340
7209.0	0.0001384	7461.76123	7584.99121
7275.0	0.0001384	7457.82959	7583.31689
7507.0	0.0001321	7453.90332	7581.71533
7582.0	0.0001321	7449.98096	7580.18652
7371.0	0.0001352	7446.06104	7578.73389
7371.0	0.0001352	7442.14746	7577.36230
7532.0	0.0001321	7438.23730	7576.07324
7507.0	0.0001321	7434.33057	7574.87012
7358.0	0.0001352	7430.42822	7573.75684
7272.0	0.0001384	7426.52930	7572.73682
7386.0	0.0001352	7422.63525	7571.81543
7501.0	0.0001321	7418.74609	7570.99609
7516.0	0.0001321	7414.85986	7570.28271
7496.0	0.0001321	7410.97510	7569.67725
7425.0	0.0001352	7407.09717	7569.19189
7339.0	0.0001352	7403.22314	7568.82617
7352.0	0.0001352	7399.35303	7568.58691

7483.0	0.0001321	7395.48584	7568.47998
7588.0	0.0001321	7391.62305	7568.51270
7390.0	0.0001352	7387.76221	7568.69092
7128.0	0.0001417	7383.90674	7569.02148
7141.0	0.0001384	7380.05566	7569.51270
7406.0	0.0001352	7376.20752	7570.17334
7549.0	0.0001321	7372.36084	7571.00928
7296.0	0.0001384	7368.52051	7572.03271
7113.0	0.0001417	7364.68359	7573.25195
7236.0	0.0001384	7360.85059	7574.67920
7518.0	0.0001321	7357.02100	7576.32275
7469.0	0.0001352	7353.19482	7578.19678
7262.0	0.0001384	7349.36963	7580.31396
7484.0	0.0001321	7345.55078	7582.68799
7565.0	0.0001321	7341.73438	7585.33350
7327.0	0.0001352	7337.92139	7588.26855
7316.0	0.0001352	7334.11279	7591.50732
7433.0	0.0001352	7330.30762	7601.64209
7484.0	0.0001321	7326.50439	7605.59473
7481.0	0.0001352	7322.70605	7609.91553
7440.0	0.0001352	7318.91064	7614.62500
7404.0	0.0001352	7315.11768	7619.75293
7465.0	0.0001352	7311.32910	7625.32080
7538.0	0.0001321	7307.54395	7631.36328
7535.0	0.0001321	7303.76074	7637.90967
7579.0	0.0001321	7299.98096	7645.00293
7557.0	0.0001321	7296.20557	7652.67432
7376.0	0.0001352	7292.43262	7660.97021
7505.0	0.0001321	7288.66357	7669.93848
7784.0	0.0001291	7284.89746	7679.63184
7660.0	0.0001291	7281.13379	7690.10840
7493.0	0.0001321	7277.37256	7701.43945
7556.0	0.0001321	7273.61572	7713.68945
7750.0	0.0001291	7269.86230	7726.94580
7790.0	0.0001291	7266.11133	7741.30225
7625.0	0.0001321	7262.36182	7756.87305
7530.0	0.0001321	7258.61670	7773.77100
7468.0	0.0001352	7254.87549	7792.14404
7389.0	0.0001352	7251.13672	7812.15820
7433.0	0.0001352	7247.40088	7834.00537
7649.0	0.0001321	7243.66553	7857.91602
7897.0	0.0001262	7239.93555	7884.13574
7807.0	0.0001291	7236.20850	7912.97314
7684.0	0.0001291	7232.48438	7944.77734
7893.0	0.0001262	7228.76221	7979.96387
7843.0	0.0001262	7225.04346	8018.96631
7664.0	0.0001291	7221.32666	8062.32129
7862.0	0.0001262	7217.61377	8110.62207
7958.0	0.0001262	7213.90332	8168.19873
7887.0	0.0001262	7210.19580	8228.47559
8055.0	0.0001235	7206.48975	8295.91797
8274.0	0.0001208	7202.78809	8371.33203
8435.0	0.0001181	7199.08740	8455.66113
8646.0	0.0001156	7195.39063	8549.86719

8652.0	0.0001156	7191.69580	8654.97461
8462.0	0.0001181	7188.00391	8771.90234
8594.0	0.0001156	7184.31543	8901.66113
8874.0	0.0001132	7180.62891	9045.16504
8994.0	0.0001108	7176.94434	9203.22949
9022.0	0.0001108	7173.26318	9376.50586
9139.0	0.0001085	7169.58350	9565.46777
9426.0	0.0001063	7165.90723	9770.00391
9649.0	0.0001041	7162.23389	9989.69141
9937.0	0.0001000	7158.56055	10223.40918
10456.0	0.0000961	7154.89209	10468.80371
10691.0	0.0000943	7151.22607	10722.56934
10713.0	0.0000925	7147.56201	10979.86035
11031.0	0.0000907	7143.90088	11234.30957
11453.0	0.0000873	7140.24219	11478.16992
11753.0	0.0000857	7136.58350	11702.97266
11895.0	0.0000842	7132.92920	11900.17969
12032.0	0.0000826	7129.27734	12063.05371
12274.0	0.0000812	7125.62793	12187.71777
12571.0	0.0000797	7121.97852	12274.31055
12680.0	0.0000783	7118.33398	12327.18750
12590.0	0.0000797	7114.69141	12354.55566
12715.0	0.0000783	7111.05127	12367.11133
12760.0	0.0000783	7107.41260	12376.60254
12500.0	0.0000797	7103.77734	12394.47559
12561.0	0.0000797	7100.14160	12430.93457
12792.0	0.0000783	7096.51025	12494.33301
12750.0	0.0000783	7092.88086	12591.02734
12721.0	0.0000783	7089.25391	12725.30176
13022.0	0.0000769	7085.62793	12899.44238
13665.0	0.0000731	7082.00537	13113.41406
13910.0	0.0000718	7078.38379	13365.02734
13841.0	0.0000718	7074.76514	13649.37500
14191.0	0.0000706	7071.14893	13958.38477
14314.0	0.0000694	7067.53369	14280.48047
14265.0	0.0000706	7063.92139	14599.76465
15076.0	0.0000661	7060.31152	14896.95898
15763.0	0.0000630	7056.70215	15149.93164
15653.0	0.0000640	7053.09521	15335.96289
15547.0	0.0000640	7049.49121	15434.54395
15451.0	0.0000650	7045.88916	15431.22852
15209.0	0.0000661	7042.28955	15320.23438
15099.0	0.0000661	7038.69141	15104.98730
14960.0	0.0000672	7035.09424	14798.14844
14558.0	0.0000683	7031.49902	14418.12598
14145.0	0.0000706	7027.90723	13986.46777
13686.0	0.0000731	7024.31689	13523.92285
13064.0	0.0000769	7020.72852	13048.86230
12647.0	0.0000797	7017.14014	12575.92871
12490.0	0.0000797	7013.55566	12116.58984
12312.0	0.0000812	7009.97314	11678.41211
11968.0	0.0000842	7006.39209	11266.37402
11523.0	0.0000873	7002.81348	10883.31348
11198.0	0.0000890	6999.23633	10530.47754

11021.0	0.0000907	6995.65918	10207.85254
10828.0	0.0000925	6992.08594	9914.96387
10364.0	0.0000961	6988.51416	9650.41699
9991.0	0.0001000	6984.94434	9412.56738
9859.0	0.0001020	6981.37549	9199.46094
9429.0	0.0001063	6977.80859	9009.24316
8999.0	0.0001108	6974.24365	8839.77051
8976.0	0.0001108	6970.68164	8688.99805
9011.0	0.0001108	6967.12012	8554.94043
8901.0	0.0001132	6963.56006	8435.67676
8686.0	0.0001156	6960.00293	8329.53809
8626.0	0.0001156	6956.44580	8234.86816
8672.0	0.0001156	6952.89209	8150.21436
8616.0	0.0001156	6949.33887	8074.24756
8664.0	0.0001156	6945.78809	8005.87744
8712.0	0.0001156	6942.23926	7944.07617
8421.0	0.0001181	6938.69189	7887.97510
8124.0	0.0001235	6935.14551	7836.83154
8049.0	0.0001235	6931.60156	7790.01270
8051.0	0.0001235	6928.05811	7746.96240
7961.0	0.0001262	6924.51709	7707.25293
7804.0	0.0001291	6920.97852	7670.48340
7831.0	0.0001291	6917.44092	7636.32227
7815.0	0.0001291	6913.90332	7604.48047
7593.0	0.0001321	6910.36865	7574.74170
7526.0	0.0001321	6906.83594	7546.89063
7652.0	0.0001321	6903.30518	7520.75000
7795.0	0.0001291	6899.77588	7496.16650
7809.0	0.0001291	6896.24756	7473.00488
7727.0	0.0001291	6892.71924	7451.14160
7643.0	0.0001321	6889.19434	7430.48584
7438.0	0.0001352	6885.67139	7410.93994
7204.0	0.0001384	6882.14844	7392.41211
7195.0	0.0001384	6878.62744	7374.83984
7395.0	0.0001352	6875.10840	7358.15088
7567.0	0.0001321	6871.59180	7342.28320
7442.0	0.0001352	6868.07568	7327.18213
7445.0	0.0001352	6864.56201	7312.79688
7613.0	0.0001321	6861.04785	7299.07568
7308.0	0.0001384	6857.53613	7285.98730
6964.0	0.0001452	6854.02637	7273.48828
7057.0	0.0001417	6850.51807	7261.54541
7322.0	0.0001352	6847.01074	7250.11914
7394.0	0.0001352	6843.50537	7239.18848
7169.0	0.0001384	6840.00146	7228.72461
7085.0	0.0001417	6836.49805	7218.70020
7094.0	0.0001417	6832.99707	7209.09277
6986.0	0.0001417	6829.49756	7199.88232
7084.0	0.0001417	6825.99854	7191.04541
7281.0	0.0001384	6822.50195	7182.57080
7222.0	0.0001384	6819.00684	7174.43945
7146.0	0.0001384	6815.51221	7166.63232
7174.0	0.0001384	6812.01855	7159.13818
7186.0	0.0001384	6808.52832	7151.94824

7152.0	0.0001384	6805.03857	7145.04346
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6966.0	0.0001452	6798.06348	7132.05957
7078.0	0.0001417	6794.57617	7125.95801
7330.0	0.0001352	6791.09229	7120.10840
7181.0	0.0001384	6787.60986	7114.50293
7064.0	0.0001417	6784.12891	7109.13135
7290.0	0.0001384	6780.64697	7103.98584
7116.0	0.0001417	6777.16895	7099.06738
6761.0	0.0001487	6773.69189	7094.36719
6783.0	0.0001487	6770.21631	7089.87988
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7188.0	0.0001384	6763.26904	7081.53320
7223.0	0.0001384	6759.79541	7077.66309
7144.0	0.0001384	6756.32520	7073.99561
7155.0	0.0001384	6752.85645	7070.52637
7416.0	0.0001352	6749.38867	7067.25342
7439.0	0.0001352	6745.92188	7064.17578
7162.0	0.0001384	6742.45605	7061.29199
7076.0	0.0001417	6738.99268	7058.60205
7054.0	0.0001417	6735.53076	7056.10596
7000.0	0.0001417	6732.06982	7053.80420
7115.0	0.0001417	6728.61035	7051.69678
7322.0	0.0001352	6725.15137	7049.78564
7450.0	0.0001352	6721.69336	7048.07031
7396.0	0.0001352	6718.23828	7046.55615
7289.0	0.0001384	6714.78320	7045.24268
7259.0	0.0001384	6711.33057	7044.13281
7199.0	0.0001384	6707.87891	7043.23096
7203.0	0.0001384	6704.42920	7042.54053
7384.0	0.0001352	6700.97900	7042.06299
7486.0	0.0001321	6697.53174	7041.80713
7481.0	0.0001352	6694.08447	7041.77539
7553.0	0.0001321	6690.63965	7041.97363
7784.0	0.0001291	6687.19629	7042.40771
7949.0	0.0001262	6683.75439	7043.08496
7721.0	0.0001291	6680.31152	7044.01025
7647.0	0.0001321	6676.87207	7045.19482
7831.0	0.0001291	6673.43408	7046.64502
7648.0	0.0001321	6669.99707	7048.36963
7403.0	0.0001352	6666.56152	7050.37939
7401.0	0.0001352	6663.12744	7052.68408
7386.0	0.0001352	6659.69238	7055.29639
7265.0	0.0001384	6656.26123	7058.22803
7093.0	0.0001417	6652.83057	7061.49121
7005.0	0.0001417	6649.40234	7065.10303
6981.0	0.0001417	6645.97266	7069.07520
6978.0	0.0001417	6642.54639	7073.42676
7129.0	0.0001417	6639.12158	7078.17383
7224.0	0.0001384	6635.69775	7083.33740
7024.0	0.0001417	6632.27588	7088.93848
7057.0	0.0001417	6628.85352	7094.99854
7249.0	0.0001384	6625.43311	7101.54053
7053.0	0.0001417	6622.01465	7108.59180

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6961.0	0.0001452	6615.18164	7124.34082
7171.0	0.0001384	6611.76758	7133.09912
7212.0	0.0001384	6608.35449	7142.49463
7123.0	0.0001417	6604.94189	7152.56543
7330.0	0.0001352	6601.53174	7163.35693
7495.0	0.0001321	6598.12305	7174.91406
7338.0	0.0001352	6594.71484	7187.29199
7213.0	0.0001384	6591.30811	7200.53809
7100.0	0.0001417	6587.90381	7214.71875
6793.0	0.0001487	6584.49951	7229.89746
7200.0	0.0001384	6581.09619	7246.15820
7109.0	0.0001417	6577.69580	7263.56934
7119.0	0.0001417	6574.29639	7282.22852
7329.0	0.0001352	6570.89844	7302.23682
7239.0	0.0001384	6567.50146	7323.70508
6952.0	0.0001452	6564.10547	7346.75977
7061.0	0.0001417	6560.71094	7371.55322
7458.0	0.0001352	6557.31836	7398.22559
7159.0	0.0001384	6553.92725	7426.96729
7327.0	0.0001352	6550.53564	7458.00244
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7236.0	0.0001384	6543.76025	7527.91309
7444.0	0.0001352	6540.37500	7567.44385
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7699.0	0.0001291	6530.22510	7710.16455
7733.0	0.0001291	6526.84570	7768.36768
7782.0	0.0001291	6523.46729	7833.92627
7978.0	0.0001262	6520.09033	7908.77246
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8103.0	0.0001235	6509.96582	8220.20898
8210.0	0.0001208	6506.59473	8368.63574
8387.0	0.0001181	6503.22461	8550.34082
8158.0	0.0001235	6499.85645	8773.77734
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9265.0	0.0001085	6493.12305	9383.56641
9760.0	0.0001020	6489.75830	9788.37305
9791.0	0.0001020	6486.39600	10269.97266
10514.0	0.0000943	6483.03369	10832.58691
11435.0	0.0000873	6479.67432	11475.14160
11752.0	0.0000857	6476.31641	12190.99902
12688.0	0.0000783	6472.95996	12965.49121
14284.0	0.0000694	6469.60400	13774.28418
14968.0	0.0000672	6466.25000	14581.43359
16481.0	0.0000610	6462.89746	15338.53516
16817.0	0.0000592	6459.54688	15985.76465
18281.0	0.0000549	6456.19775	16462.54883
19158.0	0.0000525	6452.84863	16722.81250
18315.0	0.0000549	6449.50244	16752.14258
18094.0	0.0000549	6446.15820	16574.71680
17498.0	0.0000574	6442.81543	16243.23047
16510.0	0.0000610	6439.47461	15821.06250

15720.0	0.0000640	6436.13477	15367.26660
15368.0	0.0000650	6432.79443	14929.22461
14753.0	0.0000683	6429.45801	14542.13379
14130.0	0.0000706	6426.12305	14229.42578
13834.0	0.0000718	6422.79004	14005.37500
13550.0	0.0000743	6419.45557	13876.65039
13860.0	0.0000718	6416.12549	13844.03809
13394.0	0.0000743	6412.79688	13903.58496
13427.0	0.0000743	6409.47021	14048.24121
13914.0	0.0000718	6406.14502	14269.04199
13656.0	0.0000731	6402.82129	14556.17285
14384.0	0.0000694	6399.49707	14899.95996
14575.0	0.0000683	6396.17676	15290.89258
14980.0	0.0000672	6392.85791	15729.76563
15384.0	0.0000650	6389.54053	16191.46777
15776.0	0.0000630	6386.22412	16679.01563
16312.0	0.0000610	6382.91016	17186.79883
17118.0	0.0000583	6379.59717	17710.12891
17650.0	0.0000565	6376.28662	18243.63281
18457.0	0.0000541	6372.97803	18780.11133
19153.0	0.0000525	6369.66992	19308.94922
20123.0	0.0000496	6366.36475	19813.18164
20933.0	0.0000476	6363.06104	20268.76367
21706.0	0.0000463	6359.75830	20643.01367
21763.0	0.0000457	6356.45703	20896.72070
22715.0	0.0000439	6353.15869	20989.41406
22685.0	0.0000439	6349.86182	20888.97852
22271.0	0.0000450	6346.56738	20580.72656
21680.0	0.0000463	6343.27393	20073.06641
20723.0	0.0000482	6339.98145	19396.00781
19459.0	0.0000518	6336.69092	18593.16406
17667.0	0.0000565	6333.40283	17713.10742
17627.0	0.0000565	6330.11719	16799.57813
15908.0	0.0000630	6326.83301	15888.32715
15435.0	0.0000650	6323.54883	15005.52734
13876.0	0.0000718	6320.26807	14170.00293
13353.0	0.0000743	6316.98926	13392.81348
13151.0	0.0000756	6313.71191	12680.23047
12799.0	0.0000783	6310.43750	12034.68555
12727.0	0.0000783	6307.16406	11455.79688
12154.0	0.0000826	6303.89063	10940.94336
12776.0	0.0000783	6300.62109	10486.62891
12273.0	0.0000812	6297.35352	10087.80078
12077.0	0.0000826	6294.08740	9738.94629
11801.0	0.0000842	6290.82324	9444.76172
10786.0	0.0000925	6287.56055	9179.60254
10443.0	0.0000961	6284.30029	8948.16211
10182.0	0.0000980	6281.04248	8745.60840
9069.0	0.0001108	6277.78613	8567.61328
9366.0	0.0001063	6274.53125	8410.34277
8829.0	0.0001132	6271.27930	8270.66895
8686.0	0.0001156	6268.02783	8152.11475
7947.0	0.0001262	6264.77930	8039.80029
7964.0	0.0001262	6261.53223	7938.10254

7768.0	0.0001291	6258.28809	7845.55957
7692.0	0.0001291	6255.04541	7760.87744
7715.0	0.0001291	6251.80518	7683.02783
7453.0	0.0001352	6248.56641	7611.16602
7786.0	0.0001291	6245.33008	7544.59375
7306.0	0.0001384	6242.09473	7482.70313
7258.0	0.0001384	6238.86230	7425.04736
7996.0	0.0	6235.63232	.
7449.0	0.0	6232.40430	.
7607.0	0.0	6229.17676	.
7449.0	0.0	6225.95264	.
7947.0	0.0	6222.73096	.
8015.0	0.0	6219.51123	.
8096.0	0.0	6216.29346	.
8378.0	0.0	6213.07617	.
8296.0	0.0	6209.86279	.
8466.0	0.0	6206.65186	.
8354.0	0.0	6203.44287	.
7847.0	0.0	6200.23535	.
7817.0	0.0	6197.02979	.
7950.0	0.0	6193.82715	.
7423.0	0.0	6190.62695	.
7651.0	0.0	6187.42871	.
7039.0	0.0	6184.23291	.
6871.0	0.0	6181.03809	.
7020.0	0.0	6177.84570	.
7244.0	0.0	6174.65674	.
6795.0	0.0	6171.46973	.
6749.0	0.0001487	6168.28418	6724.61865
6622.0	0.0001524	6165.10205	6706.77441
6672.0	0.0001487	6161.92188	6689.59424
6636.0	0.0001524	6158.74316	6673.03760
6606.0	0.0001524	6155.56787	6657.07373
6560.0	0.0001524	6152.39453	6641.66992
6443.0	0.0001562	6149.22266	6626.78711
6327.0	0.0001562	6146.05420	6612.41113
6547.0	0.0001524	6142.88818	6598.50928
6692.0	0.0001487	6139.72217	6585.05176
6702.0	0.0001487	6136.56104	6572.02783
6428.0	0.0001562	6133.40186	6559.40820
6490.0	0.0001524	6130.24512	6547.17432
6324.0	0.0001562	6127.09082	6535.30811
6419.0	0.0001562	6123.93896	6523.78955
6435.0	0.0001562	6120.78760	6512.60107
6258.0	0.0001602	6117.64111	6501.73486
6324.0	0.0001562	6114.49609	6491.17236
6257.0	0.0001602	6111.35400	6480.89746
6410.0	0.0001562	6108.21289	6470.89697
6228.0	0.0001602	6105.07520	6461.16455
6162.0	0.0001602	6101.94043	6451.68652
6363.0	0.0001562	6098.80859	6442.45117
6187.0	0.0001602	6095.67871	6433.44873
6289.0	0.0001602	6092.55127	6424.66895
6038.0	0.0001644	6089.42480	6416.10254

6162.0	0.0001602	6086.30273	6407.74463
6262.0	0.0001602	6083.18311	6399.58545
6207.0	0.0001602	6080.06592	6391.61670
6313.0	0.0001602	6076.95068	6383.82959
6252.0	0.0001602	6073.83789	6376.22217
6295.0	0.0001602	6070.72852	6368.78613
6121.0	0.0001644	6067.62158	6361.51611
6185.0	0.0001602	6064.51758	6354.40479
5976.0	0.0001687	6061.41504	6347.44678
6295.0	0.0001602	6058.31592	6340.63916
6187.0	0.0001602	6055.21875	6333.97705
6277.0	0.0001602	6052.12549	6327.45605
5984.0	0.0001687	6049.03320	6321.06934
5832.0	0.0001731	6045.94482	6314.81689
6401.0	0.0001562	6042.85938	6308.69531
6085.0	0.0001644	6039.77637	6302.69775
6165.0	0.0001602	6036.69531	6296.82324
6145.0	0.0001644	6033.61768	6291.06885
6089.0	0.0001644	6030.54199	6285.42871
6021.0	0.0001644	6027.46973	6279.90625
6211.0	0.0001602	6024.40088	6274.49512
6005.0	0.0001687	6021.33398	6269.19482
6163.0	0.0001602	6018.26855	6264.00000
6258.0	0.0001602	6015.20703	6258.91309
6251.0	0.0001602	6012.14893	6253.93115
6004.0	0.0001687	6009.09326	6249.05322
6200.0	0.0001602	6006.04053	6244.27734
6104.0	0.0001644	6002.99072	6239.60449
6116.0	0.0001644	5999.94189	6235.02734
6323.0	0.0001562	5996.89795	6230.55322
6277.0	0.0001602	5993.85645	6226.17871
6493.0	0.0001524	5990.81787	6221.90430
6791.0	0.0001487	5987.78027	6217.72754
6942.0	0.0001452	5984.74756	6213.65137
7092.0	0.0001417	5981.71777	6209.67578
7002.0	0.0001417	5978.69043	6205.80225
7012.0	0.0001417	5975.66650	6202.02979
7056.0	0.0001417	5972.64453	6198.36035
6758.0	0.0001487	5969.62500	6194.79688
6860.0	0.0001452	5966.60986	6191.34082
6710.0	0.0001487	5963.59717	6187.99658
7003.0	0.0001417	5960.58740	6184.76514
6660.0	0.0001487	5957.58057	6178.46680
6565.0	0.0001524	5954.57715	6175.49219
6545.0	0.0001524	5951.57568	6172.64355
6335.0	0.0001562	5948.57813	6169.92822
6407.0	0.0001562	5945.58350	6167.35156
6361.0	0.0001562	5942.59131	6164.92236
6122.0	0.0001644	5939.60254	6162.64941
6252.0	0.0001602	5936.61719	6160.54346
6339.0	0.0001562	5933.63428	6158.61426
6061.0	0.0001644	5930.65332	6156.87695
6337.0	0.0001562	5927.67725	6155.34570
6067.0	0.0001644	5924.70410	6154.03809

6177.0	0.0001602	5921.73389	6152.97168
6252.0	0.0001602	5918.76660	6152.16553
6185.0	0.0001602	5915.80225	6151.64355
6062.0	0.0001644	5912.84033	6151.43018
5930.0	0.0001687	5909.88232	6151.54980
5962.0	0.0001687	5906.92822	6152.03320
5820.0	0.0001731	5903.97461	6152.90625
6005.0	0.0001687	5901.02637	6154.20264
5954.0	0.0001687	5898.08105	6155.95459
5850.0	0.0001731	5895.13916	6158.19434
5971.0	0.0001687	5892.20020	6154.86963
5899.0	0.0001687	5889.26514	6158.22021
6131.0	0.0001644	5886.33057	6162.15576
6093.0	0.0001644	5883.40137	6166.70410
5846.0	0.0001731	5880.47559	6171.89307
5956.0	0.0001687	5877.55273	6177.74072
5827.0	0.0001731	5874.63232	6184.26367
6051.0	0.0001644	5871.71582	6191.45459
6005.0	0.0001687	5868.80176	6199.30273
5833.0	0.0001731	5865.89209	6207.77148
6242.0	0.0001602	5862.98584	6216.79883
5904.0	0.0001687	5860.08203	6226.28809
5932.0	0.0001687	5857.18164	6236.10596
6316.0	0.0001602	5854.28516	6246.06006
5961.0	0.0001687	5851.39063	6255.91260
6044.0	0.0001644	5848.50049	6265.38232
6055.0	0.0001644	5845.61279	6274.13574
6100.0	0.0001644	5842.72949	6281.80518
6038.0	0.0001644	5839.84961	6288.03711
6024.0	0.0001644	5836.97314	6292.50000
6062.0	0.0001644	5834.09863	6294.93994
6014.0	0.0001644	5831.22754	6295.20752
5878.0	0.0001687	5828.36133	6293.27930
6123.0	0.0001644	5825.49805	6289.25977
5748.0	0.0001731	5822.63818	6283.37695
6105.0	0.0001644	5819.78027	6275.93994
6215.0	0.0001602	5816.92725	6267.31738
6136.0	0.0001644	5814.07764	6257.88672
6116.0	0.0001644	5811.23145	6248.01123
6212.0	0.0001602	5808.38867	6238.01660
5872.0	0.0001687	5805.54932	6228.18066
6195.0	0.0001602	5802.71191	6218.72607
6024.0	0.0001644	5799.87939	6209.83691
6314.0	0.0001602	5797.05029	6201.64160
5614.0	0.0001778	5794.22510	6194.23926
6261.0	0.0001602	5791.40137	6187.69727
6159.0	0.0001644	5788.58301	6182.06543
5913.0	0.0001687	5785.76807	6177.37549
6096.0	0.0001644	5782.95654	6173.64453
5988.0	0.0001687	5780.14844	6170.88721
6026.0	0.0001644	5777.34424	6169.11182
6174.0	0.0001602	5774.54150	6168.32227
6295.0	0.0001602	5771.74414	6168.52881
6101.0	0.0001644	5768.95020	6169.73975

5859.0	0.0001687	5766.15918	6171.96777
6122.0	0.0001644	5763.37256	6175.22754
5943.0	0.0001687	5760.58936	6179.54150
5995.0	0.0001687	5757.80908	6184.93848
6195.0	0.0001602	5755.03271	6191.45801
6226.0	0.0001602	5752.26025	6199.14355
6222.0	0.0001602	5749.49072	6208.05908
6122.0	0.0001644	5746.72559	6218.26514
6178.0	0.0001602	5743.96436	6229.84570
6118.0	0.0001644	5741.20508	6242.89893
5964.0	0.0001687	5738.45020	6257.54834
6401.0	0.0001562	5735.69922	6273.91553
6212.0	0.0001602	5732.95215	6292.16797
6395.0	0.0001562	5730.20850	6312.49219
6598.0	0.0001524	5727.46875	6335.11279
6326.0	0.0001562	5724.73193	6360.29980
6386.0	0.0001562	5721.99854	6388.39355
6381.0	0.0001562	5719.27002	6419.78418
6518.0	0.0001524	5716.54492	6455.00781
6564.0	0.0001524	5713.82324	6494.74854
6698.0	0.0001487	5711.10400	6539.94092
6668.0	0.0001487	5708.39014	6591.79395
6682.0	0.0001487	5705.67969	6652.01416
7095.0	0.0001417	5702.97266	6722.91797
7189.0	0.0001384	5700.27002	6807.65234
7196.0	0.0001384	5697.56885	6910.47363
7324.0	0.0001352	5694.87354	7036.84912
7669.0	0.0001291	5692.18164	7193.92871
7871.0	0.0001262	5689.49365	7390.59082
8321.0	0.0001208	5686.80859	7637.64355
8428.0	0.0001181	5684.12842	7947.32031
8953.0	0.0001108	5681.45068	8333.45605
9513.0	0.0001041	5678.77734	8810.46094
9625.0	0.0001041	5676.10840	9392.37598
11234.0	0.0000890	5673.44287	10091.52344
11307.0	0.0000890	5670.78027	10917.23438
12384.0	0.0000812	5668.12256	11872.71191
13901.0	0.0000718	5665.46729	12954.93262
14115.0	0.0000706	5662.81738	14151.30859
16560.0	0.0000601	5660.16992	15438.03320
17327.0	0.0000574	5657.52734	16775.25195
18439.0	0.0000541	5654.88818	18106.80469
20372.0	0.0000489	5652.25342	19356.00781
21057.0	0.0000476	5649.62109	20427.51563
21145.0	0.0000476	5646.99365	21216.95508
22385.0	0.0000444	5644.36914	21631.42578
22046.0	0.0000457	5641.74951	21615.53906
21151.0	0.0000476	5639.13330	21171.61719
20136.0	0.0000496	5636.51953	20357.75586
18806.0	0.0000533	5633.91162	19269.20117
17243.0	0.0000583	5631.30713	18010.00781
15559.0	0.0000640	5628.70654	16674.41602
15159.0	0.0000661	5626.10986	15337.72266
13410.0	0.0000743	5623.51660	14055.23242

11698.0	0.0000857	5620.92627	12864.29590
11540.0	0.0000873	5618.34131	11789.23145
10167.0	0.0000980	5615.76025	10841.45020
10024.0	0.0001000	5613.18262	10023.71094
9315.0	0.0001063	5610.60840	9331.53418
8650.0	0.0001156	5608.03809	8756.16699
8239.0	0.0001208	5605.47217	8284.83594
8112.0	0.0001235	5602.91064	7903.44189
7688.0	0.0001291	5600.35254	7597.59668
7444.0	0.0001352	5597.79883	7353.62598
7580.0	0.0001321	5595.24756	7159.16455
7113.0	0.0001417	5592.70117	7003.77930
7128.0	0.0001417	5590.15869	6878.64404
6627.0	0.0001524	5587.62061	6776.76514
6858.0	0.0001452	5585.08496	6692.67188
6514.0	0.0001524	5582.55469	6622.30371
6862.0	0.0001452	5580.02832	6562.55029
6518.0	0.0001524	5577.50439	6511.14941
6582.0	0.0001524	5574.98584	6466.45166
6439.0	0.0001562	5572.47119	6427.24951
6440.0	0.0001562	5569.95947	6392.63965
6421.0	0.0001562	5567.45264	6361.97900
6399.0	0.0001562	5564.94971	6334.74805
6181.0	0.0001602	5562.44922	6310.53467
6486.0	0.0001524	5559.95410	6289.04199
6024.0	0.0001644	5557.46289	6269.99951
6074.0	0.0001644	5554.97559	6253.18945
6221.0	0.0001602	5552.49268	6238.43506
6196.0	0.0001602	5550.01318	6225.58057
5915.0	0.0001687	5547.53613	6214.49170
6021.0	0.0001644	5545.06494	6205.07227
6033.0	0.0001644	5542.59766	6197.22314
6014.0	0.0001644	5540.13428	6190.86914
5965.0	0.0001687	5537.67285	6185.94385
6081.0	0.0001644	5535.21777	6182.40576
6058.0	0.0001644	5532.76611	6180.20898
6023.0	0.0001644	5530.31836	6179.32764
6023.0	0.0001644	5527.87500	6179.74512
6239.0	0.0001602	5525.43506	6181.45068
6185.0	0.0001602	5522.99805	6184.44678
5839.0	0.0001731	5520.56641	6188.74268
5890.0	0.0001687	5518.13867	6194.35693
6045.0	0.0001644	5515.71484	6201.31592
6027.0	0.0001644	5513.29443	6209.66260
5965.0	0.0001687	5510.87793	6219.43701
5967.0	0.0001687	5508.46582	6230.69971
6068.0	0.0001644	5506.05811	6243.51709
6204.0	0.0001602	5503.65430	6257.97412
6266.0	0.0001602	5501.25391	6274.16699
6231.0	0.0001602	5498.85791	6292.19238
6264.0	0.0001602	5496.46533	6312.18213
6239.0	0.0001602	5494.07715	6334.28369
6051.0	0.0001644	5491.69238	6358.67432
6114.0	0.0001644	5489.31250	6385.53320

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6180.0	0.0001602	5484.56445	6447.64160
6205.0	0.0001602	5482.19580	6483.48682
6338.0	0.0001562	5479.83203	6523.02490
6211.0	0.0001602	5477.47070	6566.73633
6227.0	0.0001602	5475.11475	6615.15967
6477.0	0.0001562	5472.76270	6668.99512
6526.0	0.0001524	5470.41504	6729.08447
6459.0	0.0001562	5468.06934	6796.47754
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6731.0	0.0001487	5463.39307	6958.27295
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7281.0	0.0001384	5456.40820	7295.75977
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7655.0	0.0001321	5451.77002	7613.34180
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7922.0	0.0001262	5447.14893	8036.62793
8128.0	0.0001235	5444.84375	8298.17090
8457.0	0.0001181	5442.54346	8599.03516
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9427.0	0.0001063	5437.95459	9337.30469
9823.0	0.0001020	5435.66602	9783.61328
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10669.0	0.0000943	5431.09961	10849.48926
11265.0	0.0000890	5428.82275	11473.65723
11894.0	0.0000842	5426.55029	12159.49121
12690.0	0.0000783	5424.28076	12905.26953
13662.0	0.0000731	5422.01611	13705.42871
14708.0	0.0000683	5419.75488	14551.27734
15667.0	0.0000640	5417.49756	15428.67676
16723.0	0.0000601	5415.24463	16316.98535
17925.0	0.0000557	5412.99561	17187.91602
18763.0	0.0000533	5410.75000	18005.46875
19413.0	0.0000518	5408.50879	18725.91211
20239.0	0.0000496	5406.27197	19303.22070
20894.0	0.0000476	5404.03760	19693.90625
21127.0	0.0000476	5401.80762	19865.04297
20897.0	0.0000476	5399.58252	19801.05273
20330.0	0.0000489	5397.36084	19507.71289
19658.0	0.0000510	5395.14355	19010.42969
19076.0	0.0000525	5392.92969	18348.70508
18305.0	0.0000549	5390.71875	17568.11719
17258.0	0.0000583	5388.51270	16714.51563
16209.0	0.0000620	5386.31104	15827.40527
15287.0	0.0000650	5384.11328	14938.88379
14516.0	0.0000694	5381.91797	14072.76074
13849.0	0.0000718	5379.72754	13246.74121
13305.0	0.0000756	5377.54150	12471.73340
12771.0	0.0000783	5375.35938	11754.46777
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8921.0	0.0001132	5355.88965	7853.00342
8897.0	0.0001132	5353.74561	7640.26416
8575.0	0.0001156	5351.60596	7455.77588
8345.0	0.0001208	5349.46973	7295.67432
8004.0	0.0001262	5347.33691	7156.42969
7611.0	0.0001321	5345.20898	7035.06982
7682.0	0.0001291	5343.08350	6928.86084
7808.0	0.0001291	5340.96240	6835.47900
7596.0	0.0001321	5338.84521	6753.04736
7315.0	0.0001352	5336.73242	6679.90576
7294.0	0.0001384	5334.62305	6614.70020
7509.0	0.0001321	5332.51758	6556.31982
7287.0	0.0001384	5330.41553	6503.85205
6871.0	0.0001452	5328.31689	6456.52930
6807.0	0.0001452	5326.22314	6413.77686
6821.0	0.0001452	5324.13281	6375.07275
6836.0	0.0001452	5322.04590	6340.00342
6945.0	0.0001452	5319.96191	6308.21533
6946.0	0.0001452	5317.88281	6279.44727
6834.0	0.0001452	5315.80762	6253.44727
6794.0	0.0001487	5313.73633	6230.01270
6734.0	0.0001487	5311.66846	6208.97021
6699.0	0.0001487	5309.60449	6190.17383
6890.0	0.0001452	5307.54297	6173.48779
6902.0	0.0001452	5305.48633	6158.81689
6556.0	0.0001524	5303.43359	6146.05664
6314.0	0.0001602	5301.38428	6135.12207
6523.0	0.0001524	5299.33789	6125.93311
6966.0	0.0001452	5297.29590	6118.42969
6683.0	0.0001487	5295.25781	6112.54443
6251.0	0.0001602	5293.22363	6108.21875
6454.0	0.0001562	5291.19287	6105.39258
6485.0	0.0001524	5289.16602	6104.00781
6383.0	0.0001562	5287.14160	6104.00244
6606.0	0.0001524	5285.12158	6105.30615
6632.0	0.0001524	5283.10596	6107.84668
6446.0	0.0001562	5281.09277	6111.53711
6478.0	0.0001562	5279.08398	6116.27930
6517.0	0.0001524	5277.07910	6121.96533
6477.0	0.0001562	5275.07715	6128.47363
6521.0	0.0001524	5273.07910	6135.67773
6561.0	0.0001524	5271.08447	6143.43896
6549.0	0.0001524	5269.09375	6151.62842
6595.0	0.0001524	5267.10645	6160.11328
6712.0	0.0001487	5265.12305	6168.79004
6823.0	0.0001452	5263.14258	6177.57910
6799.0	0.0001487	5261.16553	6186.44434
6730.0	0.0001487	5259.19287	6195.38525
6728.0	0.0001487	5257.22363	6204.46387
6717.0	0.0001487	5255.25781	6213.79150

6653.0	0.0001487	5253.29590	6223.53223
6569.0	0.0001524	5251.33691	6233.89404
6605.0	0.0001524	5249.38135	6245.13672
6717.0	0.0001487	5247.42969	6257.53467
6759.0	0.0001487	5245.48145	6271.40332
6770.0	0.0001487	5243.53711	6287.08105
6754.0	0.0001487	5241.59473	6304.92578
6670.0	0.0001487	5239.65723	6325.30176
6636.0	0.0001524	5237.72314	6348.61230
6653.0	0.0001487	5235.79248	6375.28223
6585.0	0.0001524	5233.86523	6405.77197
6624.0	0.0001524	5231.93994	6440.59326
6813.0	0.0001452	5230.02002	6480.27051
6851.0	0.0001452	5228.10303	6525.42188
6890.0	0.0001452	5226.18994	6576.71875
7093.0	0.0001417	5224.27930	6634.92334
7243.0	0.0001384	5222.37158	6700.81104
7327.0	0.0001352	5220.46924	6775.30225
7383.0	0.0001352	5218.56885	6859.37158
7272.0	0.0001384	5216.67285	6954.08057
7286.0	0.0001384	5214.77930	7060.55908
7706.0	0.0001291	5212.88867	7180.05469
7831.0	0.0001291	5211.00195	7313.73291
7658.0	0.0001291	5209.11914	7462.92773
7801.0	0.0001291	5207.23926	7628.94971
8188.0	0.0001235	5205.36182	7813.17334
8576.0	0.0001156	5203.48828	8016.71875
8796.0	0.0001132	5201.61914	8240.82715
9043.0	0.0001108	5199.75195	8486.53320
9365.0	0.0001063	5197.88916	8754.66797
9497.0	0.0001063	5196.02881	9045.77344
9468.0	0.0001063	5194.17139	9360.09766
9564.0	0.0001041	5192.31738	9696.97949
10187.0	0.0000980	5190.46777	10055.35645
10749.0	0.0000925	5188.62012	10433.21680
10756.0	0.0000925	5186.77539	10826.84766
10943.0	0.0000907	5184.93555	11231.38379
11261.0	0.0000890	5183.09766	11639.92383
11332.0	0.0000890	5181.26270	12043.44922
11521.0	0.0000873	5179.43262	12430.74805
11959.0	0.0000842	5177.60400	12788.74707
12511.0	0.0000797	5175.77832	13102.62500
13109.0	0.0000769	5173.95752	13357.70605
13589.0	0.0000731	5172.13867	13540.38770
13764.0	0.0000731	5170.32275	13639.99707
13789.0	0.0000731	5168.51025	13650.17480
13786.0	0.0000731	5166.70166	13570.08105
13738.0	0.0000731	5164.89502	13404.34863
13729.0	0.0000731	5163.09277	13162.41211
13702.0	0.0000731	5161.29199	12857.11914
13394.0	0.0000743	5159.49463	12502.92871
13107.0	0.0000769	5157.70068	12114.87695
13001.0	0.0000769	5155.91016	11706.53809
12535.0	0.0000797	5154.12207	11289.78418

12034.0	0.0000826	5152.33691	10874.17188
11871.0	0.0000842	5150.55469	10467.55176
11278.0	0.0000890	5148.77637	10075.32715
10487.0	0.0000961	5147.00000	9701.37695
10172.0	0.0000980	5145.22803	9348.21875
9764.0	0.0001020	5143.45654	9017.17188
9190.0	0.0001085	5141.69043	8709.11523
8868.0	0.0001132	5139.92578	8423.93164
8526.0	0.0001181	5138.16553	8161.18457
8172.0	0.0001235	5136.40674	7920.01953
8160.0	0.0001235	5134.65088	7699.62256
7997.0	0.0001262	5132.89844	7498.74463
7467.0	0.0001352	5131.14941	7316.13135
7061.0	0.0001417	5129.40234	7150.47266
6864.0	0.0001452	5127.65918	7000.54883
6769.0	0.0001487	5125.91748	6864.77881
6683.0	0.0001487	5124.17920	6742.08496
6643.0	0.0001487	5122.44336	6631.17969
6641.0	0.0001524	5120.71143	6530.89648
6452.0	0.0001562	5118.98096	6440.10303
6293.0	0.0001602	5117.25391	6357.85791
6390.0	0.0001562	5115.53027	6283.19434
6195.0	0.0001602	5113.80859	6215.26709
5918.0	0.0001687	5112.08936	6153.31641
6133.0	0.0001644	5110.37402	6096.66162
6151.0	0.0001644	5108.66064	6044.68262
5828.0	0.0001731	5106.94922	5996.88330
5714.0	0.0001731	5105.24219	5952.77637
5723.0	0.0001731	5103.53564	5911.93652
5752.0	0.0001731	5101.83350	5874.03809
5858.0	0.0001687	5100.13330	5838.75488
5822.0	0.0001731	5098.43701	5805.81689
5592.0	0.0001778	5096.74170	5774.98682
5512.0	0.0001826	5095.05078	5746.06348
5604.0	0.0001778	5093.35986	5718.85742
5710.0	0.0001731	5091.67334	5693.23242
5663.0	0.0001778	5089.98926	5669.04297
5487.0	0.0001826	5088.30811	5646.16846
5330.0	0.0001877	5086.62744	5624.49219
5332.0	0.0001877	5084.95166	5603.93994
5428.0	0.0001826	5083.27734	5578.82764
5460.0	0.0001826	5081.60645	5560.27832
5443.0	0.0001826	5079.93652	5542.61084
5448.0	0.0001826	5078.27100	5525.76855
5491.0	0.0001826	5076.60596	5509.68506
5327.0	0.0001877	5074.94434	5494.32324
5079.0	0.0001984	5073.28516	5479.62939
5211.0	0.0001929	5071.62891	5465.56201
5365.0	0.0001877	5069.97461	5452.07471
5300.0	0.0001877	5068.32227	5439.14209
5291.0	0.0001877	5066.67236	5426.72607
5385.0	0.0001877	5065.02588	5414.79639
5444.0	0.0001826	5063.38086	5403.32275
5269.0	0.0001877	5061.73779	5392.27393

5155.0	0.0001929	5060.09814	5381.63623
5325.0	0.0001877	5058.46045	5371.37988
5314.0	0.0001877	5056.82471	5361.48633
5166.0	0.0001929	5055.19141	5351.92969
5161.0	0.0001929	5053.56104	5342.79297
5134.0	0.0001929	5051.93213	5333.86865
5073.0	0.0001984	5050.30664	5325.23535
5091.0	0.0001984	5048.68213	5316.87451
5065.0	0.0001984	5047.06006	5308.77490
5000.0	0.0001984	5045.43994	5300.91895
5046.0	0.0001984	5043.82324	5293.30273
5120.0	0.0001929	5042.20752	5285.90723
5108.0	0.0001984	5040.59570	5278.72656
4990.0	0.0001984	5038.98340	5271.74316
5044.0	0.0001984	5037.37500	5264.95654
5249.0	0.0001929	5035.76855	5258.35156
5053.0	0.0001984	5034.16455	5251.92334
4808.0	0.0002100	5032.56201	5245.66113
4919.0	0.0002041	5030.96191	5239.55762
5028.0	0.0001984	5029.36279	5233.60400
5064.0	0.0001984	5027.76709	5227.79883
5132.0	0.0001929	5026.17285	5222.13281
5189.0	0.0001929	5024.58154	5216.59961
5085.0	0.0001984	5022.99121	5211.19189
4790.0	0.0002100	5021.40332	5205.90723
4833.0	0.0002041	5019.81641	5200.74072
5054.0	0.0001984	5018.23340	5195.68555
4867.0	0.0002041	5016.65088	5190.73828
4960.0	0.0002041	5015.07080	5185.89258
5348.0	0.0001877	5013.49316	5181.14746
5168.0	0.0001929	5011.91650	5176.49658
5069.0	0.0001984	5010.34229	5171.93750
4857.0	0.0002041	5008.76953	5167.46484
5026.0	0.0001984	5007.19971	5163.07959
5108.0	0.0001984	5005.63086	5158.77441
4924.0	0.0002041	5004.06494	5154.54736
5123.0	0.0001929	5002.49951	5150.39551
4931.0	0.0002041	5000.93604	5146.31641
5012.0	0.0001984	4999.37451	5142.30664
4997.0	0.0001984	4997.81543	5138.36523
5050.0	0.0001984	4996.25781	5134.48828
4961.0	0.0002041	4994.70215	5130.67480
4970.0	0.0002041	4993.14697	5126.91943
5155.0	0.0001929	4991.59521	5123.22461
5129.0	0.0001929	4990.04395	5119.58594
4715.0	0.0002100	4988.49561	5116.00293
4995.0	0.0001984	4986.94824	5112.47168
4905.0	0.0002041	4985.40332	5108.99170
4810.0	0.0002100	4983.85840	5105.55908
5267.0	0.0001877	4982.31641	5102.17578
4983.0	0.0001984	4980.77539	5098.83789
4979.0	0.0001984	4979.23633	5095.54541
4865.0	0.0002041	4977.69873	5092.29443
4955.0	0.0002041	4976.16357	5089.08887

5052.0	0.0001984	4974.62891	5085.92139
4912.0	0.0002041	4973.09717	5082.83789
5065.0	0.0001984	4971.56592	5079.74707
4892.0	0.0002041	4970.03613	5076.69385
5184.0	0.0001929	4968.50781	5073.67773
4828.0	0.0002100	4966.98193	5070.69678
4734.0	0.0002100	4965.45654	5067.74805
4874.0	0.0002041	4963.93311	5064.83154
4994.0	0.0001984	4962.41162	5061.94922
5199.0	0.0001929	4960.89063	5059.09766
4840.0	0.0002041	4959.37109	5056.27344
4902.0	0.0002041	4957.85449	5053.48242
4875.0	0.0002041	4956.33740	5050.71533
5168.0	0.0001929	4954.82227	5047.97803
4940.0	0.0002041	4953.30957	5045.26758
5038.0	0.0001984	4951.79736	5042.58252
4606.0	0.0002163	4950.28613	5039.92285
4904.0	0.0002041	4948.77637	5037.28711
4943.0	0.0002041	4947.26904	5034.67822
4845.0	0.0002041	4945.76172	5032.09033
5183.0	0.0001929	4944.25684	5029.52637
4979.0	0.0001984	4942.75244	5026.98389
4864.0	0.0002041	4941.24951	5024.46387
4722.0	0.0002100	4939.74756	5021.96240
5085.0	0.0001984	4938.24756	5019.48438
4918.0	0.0002041	4936.74805	5017.02393
4891.0	0.0002041	4935.25000	5014.58496
4792.0	0.0002100	4933.75293	5012.16406
4813.0	0.0002100	4932.25781	5009.76123
5060.0	0.0001984	4930.76318	5007.37695
5093.0	0.0001984	4929.27051	5005.01025
4928.0	0.0002041	4927.77783	5003.25781
4967.0	0.0002041	4926.28662	5000.92627
4927.0	0.0002041	4924.79639	4998.61133
4874.0	0.0002041	4923.30859	4996.53857
4920.0	0.0002041	4921.82031	4994.25635
4819.0	0.0002100	4920.33350	4991.98926
4965.0	0.0002041	4918.84766	4991.47217
5109.0	0.0001984	4917.36377	4989.24268
5019.0	0.0001984	4915.87988	4987.02686
4971.0	0.0001984	4914.39795	4984.82422
4962.0	0.0002041	4912.91602	4982.63623
4951.0	0.0002041	4911.43506	4980.46045
4568.0	0.0002163	4909.95557	4978.56592
5114.0	0.0001929	4908.47705	4976.41797
4809.0	0.0002100	4906.99951	4974.28271
5078.0	0.0001984	4905.52246	4972.15820
4727.0	0.0002100	4904.04688	4970.04688
4967.0	0.0002041	4902.57227	4967.94775
4803.0	0.0002100	4901.09766	4965.85840
4971.0	0.0001984	4899.62500	4963.78174
4862.0	0.0002041	4898.15234	4961.71436
5016.0	0.0001984	4896.68066	4959.65918
4930.0	0.0002041	4895.21045	4957.61328

4864.0	0.0002041	4893.74072	4955.57861
4917.0	0.0002041	4892.27148	4953.55273
4917.0	0.0002041	4890.80273	4951.53613
4870.0	0.0002041	4889.33594	4949.53174
4628.0	0.0002163	4887.86865	4947.53564
4883.0	0.0002041	4886.40332	4945.54883
4961.0	0.0002041	4884.93799	4943.57129
4681.0	0.0002163	4883.47314	4941.60010
4809.0	0.0002100	4882.00928	4939.64063
4663.0	0.0002163	4880.54639	4937.68750
5020.0	0.0001984	4879.08350	4935.74463
4786.0	0.0002100	4877.62158	4933.80713
4828.0	0.0002100	4876.16016	4931.87939
4959.0	0.0002041	4874.70020	4929.95947
4751.0	0.0002100	4873.24023	4928.04785
4941.0	0.0002041	4871.78174	4926.14502
4794.0	0.0002100	4870.32275	4924.24658
4794.0	0.0002100	4868.86426	4922.35596
4840.0	0.0002041	4867.40625	4920.47168
4669.0	0.0002163	4865.94971	4918.59717
5120.0	0.0001929	4864.49316	4916.72656
4971.0	0.0001984	4863.03711	4914.86426
4785.0	0.0002100	4861.58203	4913.00879
4654.0	0.0002163	4860.12695	4911.15918
4945.0	0.0002041	4858.67236	4909.31543
4916.0	0.0002041	4857.21875	4907.47998
4875.0	0.0002041	4855.76514	4905.64893
4794.0	0.0002100	4854.31201	4903.82373
4745.0	0.0002100	4852.85986	4902.00488
4766.0	0.0002100	4851.40723	4900.19189
4895.0	0.0002041	4849.95557	4898.38281
4826.0	0.0002100	4848.50342	4896.57959
4708.0	0.0002100	4847.05322	4894.78467
4967.0	0.0002041	4845.60254	4892.99365
4822.0	0.0002100	4844.15283	4891.20752
5051.0	0.0001984	4842.70215	4889.42627
4830.0	0.0002100	4841.25244	4887.65039
5016.0	0.0001984	4839.80273	4885.87793
4769.0	0.0002100	4838.35449	4884.11328
4842.0	0.0002041	4836.90479	4882.35059
4846.0	0.0002041	4835.45654	4880.59424
4787.0	0.0002100	4834.00830	4878.84180
4959.0	0.0002041	4832.56055	4877.09424
4836.0	0.0002041	4831.11279	4875.35156
5083.0	0.0001984	4829.66602	4873.61377
4703.0	0.0002100	4828.21729	4871.87695
4925.0	0.0002041	4826.77100	4870.14795
4960.0	0.0002041	4825.32373	4868.42139
4826.0	0.0002100	4823.87744	4866.69971
5030.0	0.0001984	4822.43066	4864.98193
4775.0	0.0002100	4820.98389	4863.26709
4790.0	0.0002100	4819.53760	4861.55664
4588.0	0.0002163	4818.09180	4859.85156
4879.0	0.0002041	4816.64551	4858.14795

4864.0	0.0002041	4815.20020	4856.44971
4918.0	0.0002041	4813.75391	4853.13818
4620.0	0.0002163	4812.30811	4851.45068
4748.0	0.0002100	4810.86182	4849.76611
4598.0	0.0002163	4809.41699	4848.08740
4964.0	0.0002041	4807.97070	4846.40967
4820.0	0.0002100	4806.52490	4844.73486
4839.0	0.0002041	4805.08008	4843.06641
4994.0	0.0001984	4803.63428	4841.39893
4921.0	0.0002041	4802.18799	4839.73340
4656.0	0.0002163	4800.74316	4838.07422
4800.0	0.0002100	4799.29688	4836.41553
4722.0	0.0002100	4797.85107	4834.75928
4877.0	0.0002041	4796.40576	4833.10840
4840.0	0.0002041	4794.95850	4831.45654
4961.0	0.0002041	4793.51318	4829.81006
4775.0	0.0002100	4792.06689	4828.16699
4856.0	0.0002041	4790.62158	4826.52588
5121.0	0.0001929	4789.17480	4824.88721
4781.0	0.0002100	4787.72900	4823.25146
4966.0	0.0002041	4786.28125	4821.61621
4792.0	0.0002100	4784.83496	4819.98633
4727.0	0.0002100	4783.38818	4818.35889
4918.0	0.0002041	4781.94141	4816.73242
4822.0	0.0002100	4780.49316	4815.10791
4878.0	0.0002041	4779.04639	4813.48779
4902.0	0.0002041	4777.59814	4811.86768
4791.0	0.0002100	4776.15088	4810.25195
4778.0	0.0002100	4774.70264	4808.63867
4776.0	0.0002100	4773.25488	4807.02637
4849.0	0.0002041	4771.80469	4805.41504
4637.0	0.0002163	4770.35693	4803.80859
4591.0	0.0002163	4768.90723	4802.20215
4930.0	0.0002041	4767.45850	4800.60010
4907.0	0.0002041	4766.00830	4798.99707
4912.0	0.0002041	4764.55811	4797.39697
4724.0	0.0002100	4763.10742	4795.79932
4988.0	0.0001984	4761.65723	4794.20313
4808.0	0.0002100	4760.20605	4792.61035
4808.0	0.0002100	4758.75439	4791.01855
5206.0	0.0001929	4757.30322	4789.42920
4932.0	0.0002041	4755.85059	4787.84033
4818.0	0.0002100	4754.39795	4786.25342
5049.0	0.0001984	4752.94482	4784.66992
4973.0	0.0001984	4751.49219	4783.08643
4680.0	0.0002163	4750.03809	4781.50635
4686.0	0.0002163	4748.58447	4779.92676
4650.0	0.0002163	4747.12939	4778.34814
4774.0	0.0002100	4745.67383	4776.77148
4812.0	0.0002100	4744.21826	4775.19727
4632.0	0.0002163	4742.76270	4773.62500
4772.0	0.0002100	4741.30615	4772.05371
4712.0	0.0002100	4739.85010	4770.48438
4786.0	0.0002100	4738.39111	4768.91504

4515.0	0.0002228	4736.93408	4767.34912
4652.0	0.0002163	4735.47510	4765.78369
4749.0	0.0002100	4734.01709	4764.22070
4860.0	0.0002041	4732.55713	4762.65820
4605.0	0.0002163	4731.09766	4761.09863
4693.0	0.0002100	4729.63574	4759.53760
4690.0	0.0002163	4728.17529	4757.98047
4706.0	0.0002100	4726.71338	4756.42383
4651.0	0.0002163	4725.25049	4754.86914
4622.0	0.0002163	4723.78857	4753.31592
4818.0	0.0002100	4722.32471	4751.76318
4594.0	0.0002163	4720.86035	4750.21289
4977.0	0.0001984	4719.39600	4748.66406
4772.0	0.0002100	4717.93066	4747.11572
4715.0	0.0002100	4716.46436	4745.56885
4737.0	0.0002100	4714.99805	4744.02344
4669.0	0.0002163	4713.53076	4742.47900
4525.0	0.0002228	4712.06250	4740.93652
4710.0	0.0002100	4710.59375	4739.39404
4785.0	0.0002100	4709.12500	4737.85400
4709.0	0.0002100	4707.65479	4736.31543
4762.0	0.0002100	4706.18457	4734.77832
4704.0	0.0002100	4704.71289	4733.24316
4661.0	0.0002163	4703.24072	4731.70752
4702.0	0.0002100	4701.76758	4730.17334
4820.0	0.0002100	4700.29443	4728.64111
4752.0	0.0002100	4698.81982	4727.11035
4638.0	0.0002163	4697.34570	4725.58105
4407.0	0.0002296	4695.86865	4724.05176
4729.0	0.0002100	4694.39258	4722.52441
4696.0	0.0002100	4692.91504	4720.99902
4910.0	0.0002041	4691.43750	4719.47461
4862.0	0.0002041	4689.95850	4717.95166
4849.0	0.0002041	4688.47852	4716.42920
4745.0	0.0002100	4686.99756	4714.90918
4492.0	0.0002228	4685.51709	4713.39063
5107.0	0.0001984	4684.03467	4711.87305
4605.0	0.0002163	4682.55127	4710.35693
4871.0	0.0002041	4681.06738	4708.84131
4688.0	0.0002163	4679.58350	4707.32910
4767.0	0.0002100	4678.09766	4705.81641
4529.0	0.0002228	4676.61230	4704.30615
4844.0	0.0002041	4675.12451	4702.79688
4803.0	0.0002100	4673.63623	4701.29053
4788.0	0.0002100	4672.14746	4699.78516
4888.0	0.0002041	4670.65820	4698.28125
4712.0	0.0002100	4669.16748	4696.77930
5007.0	0.0001984	4667.67529	4695.27783
4796.0	0.0002100	4666.18359	4693.78027
4767.0	0.0002100	4664.68994	4692.28125
4603.0	0.0002163	4663.19531	4690.78662
4888.0	0.0002041	4661.70068	4689.29297
4870.0	0.0002041	4660.20459	4687.80176
4822.0	0.0002100	4658.70752	4686.31104

4771.0	0.0002100	4657.20996	4684.82471
4744.0	0.0002100	4655.71094	4683.33838
4671.0	0.0002163	4654.21045	4681.85449
4864.0	0.0002041	4652.70947	4680.37305
4626.0	0.0002163	4651.20801	4678.89453
4940.0	0.0002041	4649.70508	4677.41797
4769.0	0.0002100	4648.20215	4675.94385
4500.0	0.0002228	4646.69678	4674.47314
4788.0	0.0002100	4645.19092	4673.00293
4517.0	0.0002228	4643.68408	4671.53613
4661.0	0.0002163	4642.17676	4670.07275
4613.0	0.0002163	4640.66797	4668.61230
4897.0	0.0002041	4639.15820	4667.15332
4506.0	0.0002228	4637.64697	4665.69873
4581.0	0.0002163	4636.13574	4664.24805
4324.0	0.0002296	4634.62305	4662.79980
4754.0	0.0002100	4633.10986	4661.35645
4578.0	0.0002163	4631.59473	4659.91455
4583.0	0.0002163	4630.07813	4658.47656
4763.0	0.0002100	4628.56104	4657.04395
4741.0	0.0002100	4627.04395	4655.61670
5038.0	0.0001984	4625.52441	4654.19189
4644.0	0.0002163	4624.00439	4652.77100
4929.0	0.0002041	4622.48291	4651.35693
4703.0	0.0002100	4620.96143	4649.94678
4666.0	0.0002163	4619.43750	4648.54199
4807.0	0.0002100	4617.91406	4647.14355
5038.0	0.0001984	4616.38818	4645.74951
4843.0	0.0002041	4614.86133	4644.36084
4754.0	0.0002100	4613.33350	4642.98096
4816.0	0.0002100	4611.80518	4641.60791
4679.0	0.0002163	4610.27539	4640.24072
4731.0	0.0002100	4608.74414	4638.88037
4709.0	0.0002100	4607.21289	4637.53076
4868.0	0.0002041	4605.67920	4636.18652
4896.0	0.0002041	4604.14502	4634.85205
4813.0	0.0002100	4602.60986	4633.52734
4782.0	0.0002100	4601.07324	4632.21289
4702.0	0.0002100	4599.53564	4630.90869
4579.0	0.0002163	4597.99707	4629.61621
4486.0	0.0002228	4596.45703	4628.33496
4704.0	0.0002100	4594.91553	4627.06641
4441.0	0.0002228	4593.37354	4625.81006
4719.0	0.0002100	4591.83057	4624.57129
4544.0	0.0002228	4590.28613	4623.34521
4445.0	0.0002228	4588.74121	4622.13672
4793.0	0.0002100	4587.19434	4620.94531
4687.0	0.0002163	4585.64600	4619.77148
4660.0	0.0002163	4584.09668	4618.61914
4591.0	0.0002163	4582.54736	4617.48828
4557.0	0.0002163	4580.99561	4616.37939
4551.0	0.0002228	4579.44238	4615.29590
4624.0	0.0002163	4577.88867	4614.23877
4471.0	0.0002228	4576.33447	4613.21240

4698.0	0.0002100	4574.77832	4612.21484
4496.0	0.0002228	4573.22168	4612.04443
4648.0	0.0002163	4571.66309	4611.12061
4775.0	0.0002100	4570.10303	4610.23779
4705.0	0.0002100	4568.54199	4609.39795
4651.0	0.0002163	4566.98047	4608.60742
4528.0	0.0002228	4565.41748	4607.86621
4604.0	0.0002163	4563.85303	4607.18311
4646.0	0.0002163	4562.28809	4606.56201
4691.0	0.0002163	4560.72119	4606.01025
4604.0	0.0002163	4559.15283	4605.53516
4608.0	0.0002163	4557.58447	4605.14746
4720.0	0.0002100	4556.01416	4604.85840
4718.0	0.0002100	4554.44238	4604.68213
4605.0	0.0002163	4552.87012	4604.63770
4639.0	0.0002163	4551.29590	4604.74609
4663.0	0.0002163	4549.72119	4605.04053
4568.0	0.0002163	4548.14453	4605.56006
4828.0	0.0002100	4546.56738	4606.35547
4744.0	0.0002100	4544.98877	4607.49268
4736.0	0.0002100	4543.40967	4609.05615
4530.0	0.0002228	4541.82813	4611.15479
4281.0	0.0002367	4540.24561	4613.92188
4556.0	0.0002228	4538.66211	4617.51563
4801.0	0.0002100	4537.07813	4622.13037
4621.0	0.0002163	4535.49072	4627.98340
4555.0	0.0002228	4533.90479	4635.32129
4465.0	0.0002228	4532.31592	4644.40723
4541.0	0.0002228	4530.72705	4655.51660
4585.0	0.0002163	4529.13623	4668.91016
4707.0	0.0002100	4527.54492	4684.83008
4669.0	0.0002163	4525.95068	4703.46973
4456.0	0.0002228	4524.35742	4724.93701
4492.0	0.0002228	4522.76123	4749.25000
4656.0	0.0002163	4521.16553	4776.29688
4408.0	0.0002296	4519.56689	4805.81006
4690.0	0.0002163	4517.96777	4837.29102
4777.0	0.0002100	4516.36719	4870.02441
4537.0	0.0002228	4514.76611	4902.99414
4552.0	0.0002228	4513.16357	4934.84326
4681.0	0.0002163	4511.56006	4963.89307
4452.0	0.0002228	4509.95459	4988.23584
4795.0	0.0002100	4508.34814	5005.94775
4475.0	0.0002228	4506.74023	5015.51074
4574.0	0.0002163	4505.13232	5016.15479
4834.0	0.0002041	4503.52197	5008.08398
4694.0	0.0002100	4501.91064	4992.44092
4863.0	0.0002041	4500.29883	4970.97607
4390.0	0.0002296	4498.68555	4945.65527
4681.0	0.0002163	4497.07031	4918.33447
4399.0	0.0002296	4495.45410	4890.56494
4578.0	0.0002163	4493.83740	4863.57178
4632.0	0.0002163	4492.21924	4838.20801
4694.0	0.0002100	4490.60010	4815.03760

4440.0	0.0002228	4488.97852	4794.35986
4722.0	0.0002100	4487.35742	4776.27832
4718.0	0.0002100	4485.73389	4760.68848
4671.0	0.0002163	4484.11035	4747.34668
4657.0	0.0002163	4482.48486	4735.89355
4659.0	0.0002163	4480.85889	4725.90283
4599.0	0.0002163	4479.22998	4716.91504
4523.0	0.0002228	4477.60205	4708.50195
4273.0	0.0002367	4475.97168	4700.28125
4446.0	0.0002228	4474.34082	4691.96875
4683.0	0.0002163	4472.70752	4683.37842
4711.0	0.0002100	4471.07471	4674.43994
4548.0	0.0002228	4469.43945	4665.15625
4456.0	0.0002228	4467.80469	4655.60303
4504.0	0.0002228	4466.16699	4645.88770
4529.0	0.0002228	4464.52979	4636.13916
4523.0	0.0002228	4462.88916	4626.47559
4531.0	0.0002228	4461.24951	4617.01465
4589.0	0.0002163	4459.60742	4607.84229
4672.0	0.0002163	4457.96436	4599.02539
4715.0	0.0002100	4456.32129	4590.62354
4642.0	0.0002163	4454.67578	4582.66650
4473.0	0.0002228	4453.02979	4575.17383
4338.0	0.0002296	4451.38281	4568.15625
4446.0	0.0002228	4449.73438	4561.61572
4555.0	0.0002228	4448.08447	4555.54248
4405.0	0.0002296	4446.43506	4549.93604
4371.0	0.0002296	4444.78271	4544.77539
4446.0	0.0002228	4443.12939	4540.04883
4397.0	0.0002296	4441.47559	4535.73828
4446.0	0.0002228	4439.82129	4531.83350
4543.0	0.0002228	4438.16455	4528.31445
4422.0	0.0002228	4436.50830	4525.17188
4362.0	0.0002296	4434.84961	4522.39209
4421.0	0.0002296	4433.18994	4519.97021
4321.0	0.0002296	4431.52930	4517.89941
4280.0	0.0002367	4429.86816	4516.18408
4464.0	0.0002228	4428.20557	4514.83154
4693.0	0.0002100	4426.54248	4513.85254
4731.0	0.0002100	4424.87646	4513.26904
4535.0	0.0002228	4423.21191	4513.11084
4416.0	0.0002296	4421.54443	4513.41064
4417.0	0.0002296	4419.87744	4514.21680
4417.0	0.0002296	4418.20801	4515.58203
4311.0	0.0002296	4416.53809	4517.57129
4194.0	0.0002367	4414.86670	4520.25488
4217.0	0.0002367	4413.19531	4523.71240
4305.0	0.0002296	4411.52197	4528.02588
4335.0	0.0002296	4409.84766	4533.29004
4246.0	0.0002367	4408.17383	4539.59326
4216.0	0.0002367	4406.49707	4547.01953
4340.0	0.0002296	4404.81982	4555.65723
4531.0	0.0002228	4403.14258	4565.58203
4542.0	0.0002228	4401.46289	4576.84863

4407.0	0.0002296	4399.78271	4589.50391
4506.0	0.0002228	4398.10254	4603.54785
4610.0	0.0002163	4396.42041	4618.95801
4523.0	0.0002228	4394.73682	4635.65869
4480.0	0.0002228	4393.05273	4653.51855
4425.0	0.0002228	4391.36865	4672.30322
4295.0	0.0002296	4389.68262	4691.69678
4319.0	0.0002296	4387.99658	4711.25342
4501.0	0.0002228	4386.30859	4730.38037
4671.0	0.0002163	4384.62012	4748.34668
4647.0	0.0002163	4382.92969	4764.29688
4492.0	0.0002228	4381.24023	4777.29150
4409.0	0.0002296	4379.54834	4786.43799
4421.0	0.0002296	4377.85693	4790.99756
4510.0	0.0002228	4376.16260	4790.51123
4629.0	0.0002163	4374.46924	4784.89697
4645.0	0.0002163	4372.77441	4774.45996
4552.0	0.0002228	4371.07910	4759.83545
4494.0	0.0002228	4369.38232	4741.86914
4492.0	0.0002228	4367.68408	4721.48145
4522.0	0.0002228	4365.98535	4699.58740
4548.0	0.0002228	4364.28662	4676.97119
4475.0	0.0002228	4362.58643	4654.28076
4341.0	0.0002296	4360.88525	4632.01416
4419.0	0.0002296	4359.18311	4610.56152
4491.0	0.0002228	4357.48145	4590.17285
4350.0	0.0002296	4355.77783	4571.01807
4439.0	0.0002228	4354.07422	4553.19629
4717.0	0.0002100	4352.36865	4536.75293
4812.0	0.0002100	4350.66260	4521.68604
4599.0	0.0002163	4348.95605	4507.97705
4301.0	0.0002296	4347.24902	4495.56689
4278.0	0.0002367	4345.54102	4484.38623
4427.0	0.0002228	4343.83154	4474.34814
4572.0	0.0002163	4342.12256	4465.37109
4612.0	0.0002163	4340.41162	4457.35645
4619.0	0.0002163	4338.70068	4450.21143
4609.0	0.0002163	4336.98926	4443.84473
4491.0	0.0002228	4335.27637	4438.16992
4432.0	0.0002228	4333.56299	4433.30176
4466.0	0.0002228	4331.84961	4428.78027
4300.0	0.0002296	4330.13428	4424.73145
4213.0	0.0002367	4328.41895	4421.09717
4432.0	0.0002228	4326.70264	4417.83398
4491.0	0.0002228	4324.98633	4414.89551
4359.0	0.0002296	4323.26855	4412.24902
4297.0	0.0002296	4321.55127	4409.86670
4439.0	0.0002228	4319.83203	4407.72559
4531.0	0.0002228	4318.11279	4405.80762
4278.0	0.0002367	4316.39209	4404.10156
4183.0	0.0002367	4314.67236	4402.60107
4332.0	0.0002296	4312.95068	4401.29541
4340.0	0.0002296	4311.22852	4400.18506
4244.0	0.0002367	4309.50586	4399.27100

4181.0	0.0002367	4307.78320	4398.55273
4230.0	0.0002367	4306.05957	4398.03369
4318.0	0.0002296	4304.33594	4397.72217
4380.0	0.0002296	4302.61133	4397.62305
4433.0	0.0002228	4300.88525	4397.74316
4445.0	0.0002228	4299.15918	4390.97070
4432.0	0.0002228	4297.43359	4391.58008
4506.0	0.0002228	4295.70605	4392.43115
4498.0	0.0002228	4293.97852	4393.53955
4277.0	0.0002367	4292.25049	4394.90820
4189.0	0.0002367	4290.52246	4396.54785
4278.0	0.0002367	4288.79346	4398.46338
4356.0	0.0002296	4287.06494	4400.65967
4335.0	0.0002296	4285.33447	4403.13867
4251.0	0.0002367	4283.60400	4405.89844
4221.0	0.0002367	4281.87305	4408.93018
4299.0	0.0002296	4280.14209	4412.22266
4360.0	0.0002296	4278.41064	4415.75977
4202.0	0.0002367	4276.67773	4419.50146
4170.0	0.0002367	4274.94629	4423.41260
4400.0	0.0002296	4273.21289	4427.43311
4547.0	0.0002228	4271.47949	4431.49219
4510.0	0.0002228	4269.74658	4435.50439
4383.0	0.0002296	4268.01221	4439.36133
4368.0	0.0002296	4266.27734	4442.94385
4361.0	0.0002296	4264.54346	4446.12598
4266.0	0.0002367	4262.80811	4448.77393
4319.0	0.0002296	4261.07227	4450.76563
4459.0	0.0002228	4259.33643	4451.99219
4486.0	0.0002228	4257.60107	4452.37354
4426.0	0.0002228	4255.86475	4451.86816
4352.0	0.0002296	4254.12842	4450.47461
4318.0	0.0002296	4252.39160	4448.23047
4272.0	0.0002367	4250.65381	4445.21387
4199.0	0.0002367	4248.91602	4441.53223
4148.0	0.0002441	4247.17920	4437.31152
4200.0	0.0002367	4245.44092	4432.68457
4319.0	0.0002296	4243.70264	4427.78613
4349.0	0.0002296	4241.96387	4422.73730
4298.0	0.0002296	4240.22607	4417.65137
4238.0	0.0002367	4238.48682	4412.62109
4233.0	0.0002367	4236.74854	4407.72559
4225.0	0.0002367	4235.00928	4403.02637
4200.0	0.0002367	4233.26953	4398.57129
4298.0	0.0002296	4231.53027	4394.39893
4400.0	0.0002296	4229.79102	4390.53320
4368.0	0.0002296	4228.05127	4386.99170
4375.0	0.0002296	4226.31104	4383.78906
4371.0	0.0002296	4224.57227	4380.93262
4233.0	0.0002367	4222.83154	4378.42236
4203.0	0.0002367	4221.09131	4376.26123
4343.0	0.0002296	4219.35205	4374.44922
4495.0	0.0002228	4217.61133	4372.98193
4524.0	0.0002228	4215.87061	4371.85840

4380.0	0.0002296	4214.13135	4371.07813
4140.0	0.0002441	4212.39063	4370.63428
4097.0	0.0002441	4210.64990	4370.52783
4280.0	0.0002367	4208.90918	4370.75732
4317.0	0.0002296	4207.16992	4371.32324
4177.0	0.0002367	4205.42871	4372.22266
4041.0	0.0002441	4203.68945	4373.46387
4148.0	0.0002441	4201.94775	4375.04932
4289.0	0.0002367	4200.20801	4376.98486
4238.0	0.0002367	4198.46777	4379.27930
4229.0	0.0002367	4196.72852	4381.94678
4329.0	0.0002296	4194.98730	4384.99805
4445.0	0.0002228	4193.24805	4388.45215
4436.0	0.0002228	4191.50781	4392.38086
4349.0	0.0002296	4189.76904	4396.70605
4345.0	0.0002296	4188.02930	4401.50635
4426.0	0.0002228	4186.29053	4406.81641
4470.0	0.0002228	4184.55029	4412.67529
4348.0	0.0002296	4182.81152	4419.12500
4313.0	0.0002296	4181.07275	4426.21729
4461.0	0.0002228	4179.33447	4434.00684
4594.0	0.0002163	4177.59570	4442.56201
4734.0	0.0002100	4175.85742	4451.94775
4813.0	0.0002100	4174.11914	4462.24561
4572.0	0.0002163	4172.38184	4473.54932
4351.0	0.0002296	4170.64404	4485.95117
4453.0	0.0002228	4168.90771	4499.56299
4581.0	0.0002163	4167.17041	4514.50684
4623.0	0.0002163	4165.43359	4530.90088
4612.0	0.0002163	4163.69678	4548.88770
4565.0	0.0002163	4161.96045	4568.62598
4498.0	0.0002228	4160.22510	4590.25879
4460.0	0.0002228	4158.48975	4613.96094
4601.0	0.0002163	4156.75537	4639.90820
4769.0	0.0002100	4155.02002	4668.28662
4665.0	0.0002163	4153.28564	4699.28613
4576.0	0.0002163	4151.55176	4733.11279
4637.0	0.0002163	4149.81885	4769.93945
4680.0	0.0002163	4148.08545	4809.97119
4714.0	0.0002100	4146.35352	4853.40137
4827.0	0.0002100	4144.61963	4900.42871
5086.0	0.0001984	4142.88867	4951.18896
5258.0	0.0001877	4141.15723	5005.84521
5211.0	0.0001929	4139.42725	5064.52148
5191.0	0.0001929	4137.69629	5127.29199
5278.0	0.0001877	4135.96729	5194.19336
5399.0	0.0001877	4134.23682	5265.20703
5407.0	0.0001826	4132.50830	5340.15283
5412.0	0.0001826	4130.77979	5418.81396
5604.0	0.0001778	4129.05273	5500.80859
5899.0	0.0001687	4127.32422	5585.60498
6075.0	0.0001644	4125.59863	5672.37744
6012.0	0.0001644	4123.87207	5760.14209
6171.0	0.0001602	4122.14746	5847.62402

6540.0	0.0001524	4120.42285	5933.26318
6630.0	0.0001524	4118.69922	6015.22559
6579.0	0.0001524	4116.97461	6091.47021
6570.0	0.0001524	4115.25195	6159.71924
6595.0	0.0001524	4113.52979	6217.74756
6618.0	0.0001524	4111.80811	6263.43408
6594.0	0.0001524	4110.08789	6295.14404
6489.0	0.0001524	4108.36719	6311.06006
6412.0	0.0001562	4106.64795	6310.66699
6423.0	0.0001562	4104.92969	6294.23193
6374.0	0.0001562	4103.21191	6261.75293
6276.0	0.0001602	4101.49414	6214.80908
6228.0	0.0001602	4099.77832	6155.35742
6270.0	0.0001602	4098.06250	6085.18555
6156.0	0.0001644	4096.34766	6006.68799
5709.0	0.0001731	4094.63306	5922.07031
5592.0	0.0001778	4092.92065	5833.49316
5856.0	0.0001687	4091.20801	5742.79639
5934.0	0.0001687	4089.49731	5651.58984
5708.0	0.0001731	4087.78638	5561.19043
5436.0	0.0001826	4086.07617	5472.65186
5520.0	0.0001826	4084.36694	5386.74658
5555.0	0.0001778	4082.65991	5304.12891
5334.0	0.0001877	4080.95239	5225.17383
5249.0	0.0001929	4079.24683	5150.14404
5276.0	0.0001877	4077.54053	5079.15918
5218.0	0.0001929	4075.83691	5012.32520
4961.0	0.0002041	4074.13330	4949.59424
4830.0	0.0002100	4072.43164	4890.89453
5017.0	0.0001984	4070.72998	4836.10840
4953.0	0.0002041	4069.02930	4785.07520
4736.0	0.0002100	4067.32983	4737.66504
4763.0	0.0002100	4065.63208	4693.67773
4825.0	0.0002100	4063.93481	4652.92383
4778.0	0.0002100	4062.23804	4615.19189
4646.0	0.0002163	4060.54370	4580.31641
4531.0	0.0002228	4058.84961	4548.08447
4523.0	0.0002228	4057.15625	4518.30566
4616.0	0.0002163	4055.46509	4490.79639
4542.0	0.0002228	4053.77393	4465.37451
4310.0	0.0002296	4052.08423	4441.86475
4288.0	0.0002367	4050.39648	4420.12158
4311.0	0.0002296	4048.70874	4399.98389
4303.0	0.0002296	4047.02222	4381.31104
4571.0	0.0002163	4045.33716	4363.96680
4709.0	0.0002100	4043.65405	4347.84180
4423.0	0.0002228	4041.97144	4332.81836
4310.0	0.0002296	4040.29053	4318.79541
4368.0	0.0002296	4038.61035	4305.68066
4331.0	0.0002296	4036.93115	4293.39014
4318.0	0.0002296	4035.25342	4281.84570
4290.0	0.0002296	4033.57788	4270.98828
4190.0	0.0002367	4031.90259	4260.75049
4388.0	0.0002296	4030.22852	4251.07666

4558.0	0.0002163	4028.55591	4241.92383
4368.0	0.0002296	4026.88550	4233.24707
4228.0	0.0002367	4025.21558	4225.00488
4393.0	0.0002296	4023.54785	4217.16455
4259.0	0.0002367	4021.88062	4209.69189
4365.0	0.0002296	4020.21484	4202.56201
4474.0	0.0002228	4018.55029	4195.75000
4150.0	0.0002441	4016.88818	4189.23633
4307.0	0.0002296	4015.22632	4182.99609
4425.0	0.0002228	4013.56616	4177.01270
4117.0	0.0002441	4011.90747	4171.27197
4256.0	0.0002367	4010.25098	4165.75928
4119.0	0.0002441	4008.59521	4160.45996
4102.0	0.0002441	4006.94189	4155.36230
4064.0	0.0002441	4005.28906	4150.45410
4237.0	0.0002367	4003.63745	4145.72607
4400.0	0.0002296	4001.98779	4141.16943
4171.0	0.0002367	4000.34033	4136.77686
4314.0	0.0002296	3998.69360	4132.53906
4378.0	0.0002296	3997.04834	4128.44873
4162.0	0.0002367	3995.40576	4124.67871
4272.0	0.0002367	3993.76392	4120.86914
4078.0	0.0002441	3992.12329	4117.18750
4381.0	0.0002296	3990.48535	4113.63379
4197.0	0.0002367	3988.84814	4110.19873
4141.0	0.0002441	3987.21265	4106.88135
4166.0	0.0002367	3985.57959	4103.67773
4302.0	0.0002296	3983.94751	4100.58350
4252.0	0.0002367	3982.31689	4097.59619
4210.0	0.0002367	3980.68799	4094.71191
4302.0	0.0002296	3979.06177	4092.44946
4323.0	0.0002296	3977.43652	4089.77026
4319.0	0.0002296	3975.81348	4087.18823
4385.0	0.0002296	3974.19141	4084.70190
4382.0	0.0002296	3972.57129	4082.31152
4197.0	0.0002367	3970.95288	4080.01465
4180.0	0.0002367	3969.33716	4077.81226
4329.0	0.0002296	3967.72217	4075.70215
4288.0	0.0002367	3966.10889	4073.68481
4237.0	0.0002367	3964.49756	4071.76050
3988.0	0.0002520	3962.88916	4069.93140
4207.0	0.0002367	3961.28149	4068.19482
4068.0	0.0002441	3959.67676	4066.55542
4378.0	0.0002296	3958.07275	4065.01147
4179.0	0.0002367	3956.47070	4063.56641
4101.0	0.0002441	3954.87036	4062.22241
4203.0	0.0002367	3953.27319	4060.98193
4140.0	0.0002441	3951.67700	4059.84644
4263.0	0.0002367	3950.08252	4058.82080
4178.0	0.0002367	3948.48999	4057.90723
4040.0	0.0002441	3946.90039	4057.11279
4095.0	0.0002441	3945.31177	4056.43921
4205.0	0.0002367	3943.72607	4055.89429
4300.0	0.0002296	3942.14160	4055.48291

4321.0	0.0002296	3940.55908	4055.21289
4164.0	0.0002367	3938.97852	4055.09058
4108.0	0.0002441	3937.40088	4055.12695
4253.0	0.0002367	3935.82422	4055.33154
4359.0	0.0002296	3934.24976	4055.71533
4357.0	0.0002296	3932.67822	4056.29370
4451.0	0.0002228	3931.10791	4057.07861
4071.0	0.0002441	3929.53955	4058.09106
4251.0	0.0002367	3927.97461	4059.35156
4131.0	0.0002441	3926.41040	4060.88428
4104.0	0.0002441	3924.84839	4062.71582
4223.0	0.0002367	3923.28955	4064.88135
4259.0	0.0002367	3921.73193	4067.41895
4252.0	0.0002367	3920.17651	4070.37524
4450.0	0.0002228	3918.62305	4073.80127
4240.0	0.0002367	3917.07300	4077.76172
4195.0	0.0002367	3915.52393	4082.32495
4343.0	0.0002296	3913.97803	4087.57813
4191.0	0.0002367	3912.43335	4093.61401
4560.0	0.0002163	3910.89111	4100.54492
4398.0	0.0002296	3909.35107	4108.48584
4433.0	0.0002228	3907.81421	4117.58203
4389.0	0.0002296	3906.27856	4127.98291
4499.0	0.0002228	3904.74536	4139.84766
4234.0	0.0002367	3903.21436	4153.36230
4308.0	0.0002296	3901.68628	4168.71680
4574.0	0.0002163	3900.15991	4186.11182
4169.0	0.0002367	3898.63672	4205.75684
4439.0	0.0002228	3897.11499	4227.86963
4456.0	0.0002228	3895.59570	4252.64258
4720.0	0.0002100	3894.07861	4280.28564
4518.0	0.0002228	3892.56470	4310.98584
4391.0	0.0002296	3891.05249	4344.92285
4558.0	0.0002163	3889.54248	4382.19971
4604.0	0.0002163	3888.03589	4422.92578
4448.0	0.0002228	3886.53052	4467.12598
4602.0	0.0002163	3885.02783	4514.76514
4836.0	0.0002041	3883.52832	4565.69971
4484.0	0.0002228	3882.03076	4619.68506
4852.0	0.0002041	3880.53516	4676.25488
4754.0	0.0002100	3879.04321	4734.80518
4871.0	0.0002041	3877.55273	4794.46240
4964.0	0.0002041	3876.06470	4854.09521
4815.0	0.0002100	3874.57910	4912.19287
5326.0	0.0001877	3873.09717	4967.00244
5219.0	0.0001929	3871.61670	5016.49414
5221.0	0.0001929	3870.13940	5058.50049
5268.0	0.0001877	3868.66333	5090.90381
5322.0	0.0001877	3867.19116	5111.83936
5238.0	0.0001929	3865.72070	5120.00342
5435.0	0.0001826	3864.25391	5114.80811
5489.0	0.0001826	3862.78784	5096.47510
5420.0	0.0001826	3861.32642	5066.03467
5122.0	0.0001929	3859.86646	5025.12012

5485.0	0.0001826	3858.40967	4975.76416
5139.0	0.0001929	3856.95508	4920.14160
4937.0	0.0002041	3855.50366	4860.36475
4925.0	0.0002041	3854.05347	4798.30420
5007.0	0.0001984	3852.60742	4735.61523
4770.0	0.0002100	3851.16333	4673.56201
4640.0	0.0002163	3849.72266	4613.13623
4630.0	0.0002163	3848.28394	4555.04688
4676.0	0.0002163	3846.84766	4499.84570
4426.0	0.0002228	3845.41431	4447.84082
4462.0	0.0002228	3843.98462	4399.22510
4339.0	0.0002296	3842.55640	4354.07910
4557.0	0.0002163	3841.13208	4312.40381
4267.0	0.0002367	3839.70972	4274.11621
4371.0	0.0002296	3838.28979	4239.12891
4248.0	0.0002367	3836.87280	4207.27539
4236.0	0.0002367	3835.45850	4178.36670
4446.0	0.0002228	3834.04785	4152.23291
4184.0	0.0002367	3832.63916	4128.64941
4147.0	0.0002441	3831.23413	4107.40967
4330.0	0.0002296	3829.83130	4088.30396
4167.0	0.0002367	3828.43091	4071.12646
4128.0	0.0002441	3827.03345	4055.67676
4149.0	0.0002441	3825.63965	4041.78149
3960.0	0.0002520	3824.24805	4029.26196
4047.0	0.0002441	3822.85986	4017.96143
4158.0	0.0002441	3821.47290	4007.73096
4001.0	0.0002520	3820.09058	3998.45166
4015.0	0.0002520	3818.71045	3990.00366
3993.0	0.0002520	3817.33374	3982.28662
4075.0	0.0002441	3815.95923	3975.21216
3881.0	0.0002601	3814.58838	3968.70435
3954.0	0.0002520	3813.21899	3962.69287
3986.0	0.0002520	3811.85400	3957.12793
4080.0	0.0002441	3810.49121	3951.95679
4010.0	0.0002520	3809.13232	3947.13892
3950.0	0.0002520	3807.77441	3942.63550
4021.0	0.0002520	3806.42114	3938.42114
3915.0	0.0002520	3805.07031	3934.46875
3884.0	0.0002601	3803.72290	3930.75562
4081.0	0.0002441	3802.37793	3927.26196
4139.0	0.0002441	3801.03589	3923.97192
4124.0	0.0002441	3799.69678	3920.87207
4056.0	0.0002441	3798.36133	3917.95044
4034.0	0.0002441	3797.02856	3915.19556
3857.0	0.0002601	3795.69849	3912.59839
4070.0	0.0002441	3794.37231	3910.15161
3946.0	0.0002520	3793.04834	3907.84692
4001.0	0.0002520	3791.72754	3905.67847
4002.0	0.0002520	3790.41040	3903.64185
4208.0	0.0002367	3789.09546	3901.73096
4028.0	0.0002520	3787.78394	3899.94141
3862.0	0.0002601	3786.47607	3898.27197
3978.0	0.0002520	3785.17065	3896.71753

3940.0	0.0002520	3783.86792	3895.27466
4036.0	0.0002441	3782.56860	3893.83496
4010.0	0.0002520	3781.27319	3892.61499
4089.0	0.0002441	3779.97998	3891.50098
3855.0	0.0002601	3778.69092	3890.49634
3879.0	0.0002601	3777.40405	3889.59595
3936.0	0.0002520	3776.12036	3888.80298
3906.0	0.0002601	3774.83960	3888.11572
3988.0	0.0002520	3773.56299	3887.53687
4125.0	0.0002441	3772.28857	3887.06494
4007.0	0.0002520	3771.01733	3886.70215
4079.0	0.0002441	3769.74951	3886.44995
3958.0	0.0002520	3768.48535	3886.31128
3881.0	0.0002601	3767.22388	3886.28760
4005.0	0.0002520	3765.96631	3886.38159
4040.0	0.0002441	3764.71118	3886.59424
3987.0	0.0002520	3763.45923	3886.93311
3969.0	0.0002520	3762.21045	3887.39722
3867.0	0.0002601	3760.96558	3887.99438
3983.0	0.0002520	3759.72339	3888.72607
3960.0	0.0002520	3758.48438	3889.59937
3856.0	0.0002601	3757.24902	3890.61743
3974.0	0.0002520	3756.01660	3891.78735
4132.0	0.0002441	3754.78711	3893.11377
4087.0	0.0002441	3753.56177	3894.60498
4099.0	0.0002441	3752.33911	3896.26660
4302.0	0.0002296	3751.11914	3898.10645
4036.0	0.0002441	3749.90405	3900.13306
4072.0	0.0002441	3748.69092	3902.35205
3820.0	0.0002601	3747.48120	3904.77466
3953.0	0.0002520	3746.27490	3907.41016
3925.0	0.0002520	3745.07202	3910.26563
4039.0	0.0002441	3743.87256	3913.35278
3877.0	0.0002601	3742.67676	3916.68115
4145.0	0.0002441	3741.48340	3920.26025
4082.0	0.0002441	3740.29370	3924.10474
3882.0	0.0002601	3739.10718	3928.22021
4006.0	0.0002520	3737.92456	3932.61987
4216.0	0.0002367	3736.74463	3937.31323
4083.0	0.0002441	3735.56812	3942.31470
4037.0	0.0002441	3734.39478	3947.62866
4320.0	0.0002296	3733.22583	3953.26733
4171.0	0.0002367	3732.05908	3959.23975
4282.0	0.0002367	3730.89673	3965.55347
4114.0	0.0002441	3729.73682	3972.21631
4238.0	0.0002367	3728.58057	3979.23779
4505.0	0.0002228	3727.42773	3986.61743
4433.0	0.0002228	3726.27856	3994.36377
4366.0	0.0002296	3725.13232	4002.47925
4426.0	0.0002228	3723.98950	4010.97217
4343.0	0.0002296	3722.85010	4019.84058
4405.0	0.0002296	3721.71460	4029.09155
4598.0	0.0002163	3720.58179	4038.73047
4578.0	0.0002163	3719.45313	4048.76636

4761.0	0.0002100	3718.32739	4059.20703
4618.0	0.0002163	3717.20508	4070.07080
4470.0	0.0002228	3716.08618	4081.36475
4606.0	0.0002163	3714.97095	4093.11279
4446.0	0.0002228	3713.85889	4105.33691
4390.0	0.0002296	3712.75000	4118.06689
4471.0	0.0002228	3711.64551	4131.32080
4544.0	0.0002228	3710.54346	4145.13135
4313.0	0.0002296	3709.44507	4159.52734
4260.0	0.0002367	3708.35083	4174.53516
4480.0	0.0002228	3707.25928	4190.17920
4477.0	0.0002228	3706.17114	4206.46875
4657.0	0.0002163	3705.08716	4223.41357
4095.0	0.0002441	3704.00610	4241.01074
4371.0	0.0002296	3702.92822	4260.41260
4298.0	0.0002296	3701.85400	4279.25635
4486.0	0.0002228	3700.78394	4298.65332
4384.0	0.0002296	3699.71655	4318.53467
4541.0	0.0002228	3698.65332	4338.80273
4485.0	0.0002228	3697.59302	4359.33984
4508.0	0.0002228	3696.53613	4380.00781
4261.0	0.0002367	3695.48291	4400.61230
4636.0	0.0002163	3694.43359	4420.96045
4447.0	0.0002228	3693.38696	4440.81982
4490.0	0.0002228	3692.34399	4459.94287
4543.0	0.0002228	3691.30469	4478.03809
4609.0	0.0002163	3690.26929	4494.82129
4532.0	0.0002228	3689.23682	4509.99609
4628.0	0.0002163	3688.20850	4523.26660
4632.0	0.0002163	3687.18311	4534.35205
4538.0	0.0002228	3686.16089	4543.00342
4752.0	0.0002100	3685.14258	4548.99365
4479.0	0.0002228	3684.12817	4552.16162
4724.0	0.0002100	3683.11670	4552.39209
4585.0	0.0002163	3682.10913	4549.63574
4592.0	0.0002163	3681.10449	4543.91260
4804.0	0.0002100	3680.10449	4535.30322
4680.0	0.0002163	3679.10693	4523.94873
4806.0	0.0002100	3678.11377	4510.04346
4817.0	0.0002100	3677.12329	4493.81689
4812.0	0.0002100	3676.13647	4475.55078
4761.0	0.0002100	3675.15332	4455.52930
4875.0	0.0002041	3674.17407	4434.04639
4798.0	0.0002100	3673.19800	4411.39160
4394.0	0.0002296	3672.22510	4387.86035
4676.0	0.0002163	3671.25659	4363.71631
4731.0	0.0002100	3670.29077	4339.20459
4647.0	0.0002163	3669.32886	4314.54199
4725.0	0.0002100	3668.37085	4289.92334
4832.0	0.0002041	3667.41577	4265.50586
4357.0	0.0002296	3666.46411	4241.44775
4500.0	0.0002228	3665.51685	4217.85596
4087.0	0.0002441	3664.57227	4194.82324
4405.0	0.0002296	3663.63110	4172.41553

4324.0	0.0002296	3662.69409	4150.70459
4426.0	0.0002228	3661.76050	4129.72070
4329.0	0.0002296	3660.83032	4110.41260
4081.0	0.0002441	3659.90405	4090.95850
4110.0	0.0002441	3658.98022	4072.27295
4099.0	0.0002441	3658.06104	4054.37329
4002.0	0.0002520	3657.14478	4037.23926
4141.0	0.0002441	3656.23291	4020.86304
4058.0	0.0002441	3655.32349	4005.21973
4165.0	0.0002367	3654.41797	3990.30371
4069.0	0.0002441	3653.51587	3976.08545
4094.0	0.0002441	3652.61816	3962.54443
4147.0	0.0002441	3651.72314	3949.65308
3800.0	0.0002601	3650.83228	3937.39014
3989.0	0.0002520	3649.94409	3925.72241
3942.0	0.0002520	3649.05981	3914.63477
3849.0	0.0002601	3648.17920	3904.09668
3851.0	0.0002601	3647.30225	3894.08350
3796.0	0.0002601	3646.42847	3884.56641
3995.0	0.0002520	3645.55835	3875.52905
3874.0	0.0002601	3644.69214	3866.94507
3938.0	0.0002520	3643.82861	3858.78979
3979.0	0.0002520	3642.96924	3851.04199
3868.0	0.0002601	3642.11328	3843.68237
3776.0	0.0002687	3641.26074	3836.68579
3569.0	0.0002778	3640.41162	3830.03979
3903.0	0.0002601	3639.56641	3823.72290
3811.0	0.0002601	3638.72412	3817.71460
3659.0	0.0002778	3637.88599	3812.00464
3705.0	0.0002687	3637.05078	3806.57300
3902.0	0.0002601	3636.21997	3801.40649
3787.0	0.0002601	3635.39209	3796.49072
3769.0	0.0002687	3634.56787	3791.81128
3813.0	0.0002601	3633.74634	3787.35571
3783.0	0.0002601	3632.92944	3783.11670
3877.0	0.0002601	3632.11548	3779.07959
3650.0	0.0002778	3631.30542	3775.23657
3742.0	0.0002687	3630.49805	3774.35034
3795.0	0.0002601	3629.69482	3770.88330
3704.0	0.0002687	3628.89502	3767.58276
3594.0	0.0002778	3628.09912	3764.44482
3649.0	0.0002778	3627.30615	3761.46021
3767.0	0.0002687	3626.51709	3758.62451
3852.0	0.0002601	3625.73047	3755.93091
3694.0	0.0002687	3624.94849	3753.37695
3795.0	0.0002601	3624.16943	3750.95703
3642.0	0.0002778	3623.39429	3748.66797
3678.0	0.0002687	3622.62207	3746.50513
3821.0	0.0002601	3621.85352	3744.46777
3643.0	0.0002778	3621.08838	3742.55347
3788.0	0.0002601	3620.32715	3740.76025
3816.0	0.0002601	3619.56909	3739.08545
3836.0	0.0002601	3618.81421	3737.53076
3615.0	0.0002778	3618.06348	3736.09595

3727.0	0.0002687	3617.31543	3734.77808
3640.0	0.0002778	3616.57104	3733.58276
3627.0	0.0002778	3615.83032	3732.50854
3715.0	0.0002687	3615.09302	3731.55884
3754.0	0.0002687	3614.35913	3730.73755
3836.0	0.0002601	3613.62891	3730.04736
3738.0	0.0002687	3612.90161	3729.49268
3793.0	0.0002601	3612.17798	3729.08154
3763.0	0.0002687	3611.45752	3728.82080
3703.0	0.0002687	3610.74097	3728.72119
3798.0	0.0002601	3610.02759	3728.79272
3863.0	0.0002601	3609.31787	3729.05249
3589.0	0.0002778	3608.61084	3729.51636
3857.0	0.0002601	3607.90796	3730.20728
3798.0	0.0002601	3607.20801	3731.15210
3871.0	0.0002601	3606.51196	3732.38330
3746.0	0.0002687	3605.81885	3733.94019
3738.0	0.0002687	3605.12964	3735.87109
3733.0	0.0002687	3604.44287	3738.23145
3685.0	0.0002687	3603.76025	3741.08789
3701.0	0.0002687	3603.08081	3744.51587
3785.0	0.0002601	3602.40454	3748.60620
3620.0	0.0002778	3601.73169	3753.45581
3931.0	0.0002520	3601.06250	3759.17261
3737.0	0.0002687	3600.39648	3765.87964
4021.0	0.0002520	3599.73413	3773.70337
3709.0	0.0002687	3599.07471	3782.77710
3924.0	0.0002520	3598.41870	3793.23975
3828.0	0.0002601	3597.76587	3805.21313
3956.0	0.0002520	3597.11694	3818.82861
3615.0	0.0002778	3596.47046	3834.19385
3657.0	0.0002778	3595.82788	3851.40552
3831.0	0.0002601	3595.18872	3870.51147
3960.0	0.0002520	3594.55273	3891.53931
3999.0	0.0002520	3593.91992	3914.46777
3886.0	0.0002601	3593.29077	3939.21021
3830.0	0.0002601	3592.66455	3965.60767
4027.0	0.0002520	3592.04150	3993.41772
4111.0	0.0002441	3591.42212	4022.25366
4049.0	0.0002441	3590.80542	4051.62573
4081.0	0.0002441	3590.19238	4080.89526
4106.0	0.0002441	3589.58252	4109.29004
4055.0	0.0002441	3588.97632	4135.90771
3995.0	0.0002520	3588.37280	4159.84619
4074.0	0.0002441	3587.77295	4180.26855
4229.0	0.0002367	3587.17603	4196.52783
4178.0	0.0002367	3586.58228	4208.25098
4134.0	0.0002441	3585.99194	4215.36475
4241.0	0.0002367	3585.40503	4218.04297
4247.0	0.0002367	3584.82104	4216.62646
4284.0	0.0002367	3584.23999	4211.50244
4414.0	0.0002296	3583.66235	4203.03564
4216.0	0.0002367	3583.08813	4191.53320
4042.0	0.0002441	3582.51709	4177.16553

4307.0	0.0002296	3581.94922	4160.37988
4323.0	0.0002296	3581.38428	4141.37305
4067.0	0.0002441	3580.82251	4120.49121
3997.0	0.0002520	3580.26416	4098.17578
4040.0	0.0002441	3579.70898	4074.88843
4073.0	0.0002441	3579.15674	4051.12158
4050.0	0.0002441	3578.60742	4027.34058
4006.0	0.0002520	3578.06152	4003.99463
3975.0	0.0002520	3577.51880	3981.43726
3967.0	0.0002520	3576.97900	3959.95483
4001.0	0.0002520	3576.44238	3939.76147
4082.0	0.0002441	3575.90894	3920.99951
4175.0	0.0002367	3575.37842	3903.74805
4119.0	0.0002441	3574.85132	3888.06079
3882.0	0.0002601	3574.32690	3873.93140
3727.0	0.0002687	3573.80566	3861.34204
3757.0	0.0002687	3573.28735	3850.24927
3891.0	0.0002601	3572.77246	3840.61304
3901.0	0.0002601	3572.26025	3832.37280
3830.0	0.0002601	3571.75146	3825.47144
3833.0	0.0002601	3571.24561	3819.85083
3794.0	0.0002601	3570.74243	3815.45410
3734.0	0.0002687	3570.24243	3812.22607
3780.0	0.0002687	3569.74585	3810.11450
3868.0	0.0002601	3569.25171	3809.06738
3898.0	0.0002601	3568.76074	3809.03784
3821.0	0.0002601	3568.27271	3809.97949
3770.0	0.0002687	3567.78784	3811.84790
3826.0	0.0002601	3567.30566	3814.60376
3933.0	0.0002520	3566.82666	3818.19824
4011.0	0.0002520	3566.35059	3822.59082
3994.0	0.0002520	3565.87720	3827.73828
3866.0	0.0002601	3565.40674	3833.58960
3752.0	0.0002687	3564.93970	3840.09399
3755.0	0.0002687	3564.47510	3847.19019
3808.0	0.0002601	3564.01343	3854.81494
3890.0	0.0002601	3563.55469	3862.88403
4001.0	0.0002520	3563.09912	3871.31079
4069.0	0.0002441	3562.64600	3879.99268
4068.0	0.0002441	3562.19629	3888.81470
4026.0	0.0002520	3561.74927	3897.65308
4019.0	0.0002520	3561.30493	3906.37378
4031.0	0.0002520	3560.86328	3914.83545
4001.0	0.0002520	3560.42480	3922.90674
4045.0	0.0002441	3559.98877	3930.46729
4138.0	0.0002441	3559.55566	3937.41162
4090.0	0.0002441	3559.12573	3943.67163
4048.0	0.0002441	3558.69824	3949.21704
4103.0	0.0002441	3558.27368	3954.06787
4112.0	0.0002441	3557.85156	3958.29028
4086.0	0.0002441	3557.43237	3962.00269
4070.0	0.0002441	3557.01611	3965.36914
4036.0	0.0002441	3556.60278	3968.59473
4000.0	0.0002520	3556.19165	3971.91357

4000.0	0.0002520	3555.78345	3975.58032
4061.0	0.0002441	3555.37793	3979.85352
4128.0	0.0002441	3554.97534	3984.99438
4135.0	0.0002441	3554.57544	3991.24829
4139.0	0.0002441	3554.17798	3998.84497
4140.0	0.0002441	3553.78345	4007.98853
4091.0	0.0002441	3553.39136	4018.85547
4029.0	0.0002520	3553.00195	4031.57666
4001.0	0.0002520	3552.61548	4046.25488
4032.0	0.0002520	3552.23120	4062.94458
4073.0	0.0002441	3551.84985	4081.65649
4089.0	0.0002441	3551.47095	4102.31982
4104.0	0.0002441	3551.09497	4124.81299
4298.0	0.0002296	3550.72119	4148.92090
4624.0	0.0002163	3550.35010	4174.33057
4644.0	0.0002163	3549.98145	4200.61523
4568.0	0.0002163	3549.61572	4227.18945
4676.0	0.0002163	3549.25244	4253.34668
4678.0	0.0002163	3548.89160	4278.23096
4534.0	0.0002228	3548.53320	4300.87305
4431.0	0.0002228	3548.17773	4320.20654
4581.0	0.0002163	3547.82422	4335.19092
4753.0	0.0002100	3547.47363	4344.87646
4584.0	0.0002163	3547.12524	4348.52148
4454.0	0.0002228	3546.77979	4345.68359
4451.0	0.0002228	3546.43628	4336.27637
4332.0	0.0002296	3546.09546	4320.59863
4310.0	0.0002296	3545.75684	4299.26660
4413.0	0.0002296	3545.42114	4273.14111
4365.0	0.0002296	3545.08740	4243.20850
4333.0	0.0002296	3544.75635	4210.52783
4361.0	0.0002296	3544.42773	4176.07227
4138.0	0.0002441	3544.10107	4140.72510
3963.0	0.0002520	3543.77710	4105.23193
4068.0	0.0002441	3543.45557	4070.19604
4072.0	0.0002441	3543.13647	4036.07568
4037.0	0.0002441	3542.81934	4003.24536
4133.0	0.0002441	3542.50488	3971.94141
4111.0	0.0002441	3542.19238	3942.31812
3990.0	0.0002520	3541.88257	3914.49829
3961.0	0.0002520	3541.57495	3888.51587
4014.0	0.0002520	3541.26953	3864.37695
3985.0	0.0002520	3540.96655	3842.05688
3740.0	0.0002687	3540.66602	3821.50342
3672.0	0.0002687	3540.36719	3802.64185
3862.0	0.0002601	3540.07080	3785.40259
3951.0	0.0002520	3539.77686	3769.68604
3810.0	0.0002601	3539.48511	3755.39209
3570.0	0.0002778	3539.19531	3742.41406
3545.0	0.0002778	3538.90771	3730.65698
3642.0	0.0002778	3538.62256	3720.01416
3701.0	0.0002687	3538.33960	3710.38599
3721.0	0.0002687	3538.05835	3701.67310
3710.0	0.0002687	3537.77979	3693.78784

3687.0	0.0002687	3537.50317	3686.64185
3710.0	0.0002687	3537.22852	3680.16040
3678.0	0.0002687	3536.95605	3674.26978
3542.0	0.0002778	3536.68579	3668.90527
3649.0	0.0002778	3536.41748	3664.00488
3886.0	0.0002601	3536.15112	3659.52173
3855.0	0.0002601	3535.88745	3655.40552
3624.0	0.0002778	3535.62500	3651.61646
3484.0	0.0002873	3535.36499	3648.11816
3683.0	0.0002687	3535.10693	3644.87891
3754.0	0.0002687	3534.85107	3641.87378
3584.0	0.0002778	3534.59717	3639.07739
3628.0	0.0002778	3534.34521	3636.47021
3723.0	0.0002687	3534.09497	3634.03198
3712.0	0.0002687	3533.84717	3631.75073
3773.0	0.0002687	3533.60083	3629.61206
3809.0	0.0002601	3533.35693	3627.60352
3711.0	0.0002687	3533.11450	3625.71558
3603.0	0.0002778	3532.87451	3623.93994
3503.0	0.0002873	3532.63574	3622.26685
3447.0	0.0002873	3532.39941	3620.69092
3660.0	0.0002778	3532.16479	3619.20630
3864.0	0.0002601	3531.93213	3617.80640
3687.0	0.0002687	3531.70093	3616.62207
3591.0	0.0002778	3531.47192	3615.37866
3702.0	0.0002687	3531.24463	3614.20752
3736.0	0.0002687	3531.01929	3613.10376
3589.0	0.0002778	3530.79565	3612.06543
3453.0	0.0002873	3530.57397	3611.08813
3652.0	0.0002778	3530.35376	3610.16895
3757.0	0.0002687	3530.13550	3609.30640
3601.0	0.0002778	3529.91895	3608.49854
3622.0	0.0002778	3529.70435	3607.74243
3622.0	0.0002778	3529.49121	3607.03516
3475.0	0.0002873	3529.27979	3606.37720
3593.0	0.0002778	3529.07007	3605.76416
3779.0	0.0002687	3528.86230	3605.19751
3730.0	0.0002687	3528.65576	3604.67407
3652.0	0.0002778	3528.45093	3604.19165
3656.0	0.0002778	3528.24829	3603.75171
3700.0	0.0002687	3528.04663	3603.35107
3630.0	0.0002778	3527.84717	3602.99072
3446.0	0.0002873	3527.64893	3602.66724
3319.0	0.0002973	3527.45264	3602.38281
3481.0	0.0002873	3527.25757	3602.13477
3734.0	0.0002687	3527.06421	3601.92285
3620.0	0.0002778	3526.87231	3601.74683
3504.0	0.0002873	3526.68213	3601.60742
3559.0	0.0002778	3526.49341	3601.50220
3507.0	0.0002873	3526.30615	3601.43164
3593.0	0.0002778	3526.12036	3601.39697
3871.0	0.0002601	3525.93628	3601.39600
3864.0	0.0002601	3525.75342	3601.42969
3741.0	0.0002687	3525.57227	3601.49756

3739.0	0.0002687	3525.39233	3601.60034
3632.0	0.0002778	3525.21411	3601.73877
3564.0	0.0002778	3525.03711	3601.91113
3701.0	0.0002687	3524.86157	3602.11914
3706.0	0.0002687	3524.68750	3602.36401
3624.0	0.0002778	3524.51465	3602.64331
3698.0	0.0002687	3524.34326	3602.95996
3725.0	0.0002687	3524.17334	3603.31421
3654.0	0.0002778	3524.00464	3603.70605
3615.0	0.0002778	3523.83716	3604.13721
3581.0	0.0002778	3523.67139	3604.60718
3554.0	0.0002778	3523.50659	3605.11865
3580.0	0.0002778	3523.34326	3605.67139
3565.0	0.0002778	3523.18115	3606.26782
3558.0	0.0002778	3523.02026	3606.90698
3776.0	0.0002687	3522.86060	3607.59204
3794.0	0.0002601	3522.70239	3608.32520
3450.0	0.0002873	3522.54517	3609.10742
3428.0	0.0002873	3522.38940	3610.15088
3553.0	0.0002778	3522.23462	3611.03687
3472.0	0.0002873	3522.08105	3611.97900
3493.0	0.0002873	3521.92871	3612.97803
3559.0	0.0002778	3521.77759	3614.03760
3481.0	0.0002873	3521.62744	3615.16064
3513.0	0.0002873	3521.47876	3616.35083
3616.0	0.0002778	3521.33081	3617.60962
3567.0	0.0002778	3521.18408	3618.94189
3572.0	0.0002778	3521.03857	3620.35254
3655.0	0.0002778	3520.89404	3621.84351
3622.0	0.0002778	3520.75073	3623.42017
3548.0	0.0002778	3520.60840	3625.08789
3566.0	0.0002778	3520.46680	3626.84961
3726.0	0.0002687	3520.32666	3628.71460
3855.0	0.0002601	3520.18726	3630.68384
3845.0	0.0002601	3520.04907	3632.76685
3819.0	0.0002601	3519.91187	3634.96753
3824.0	0.0002601	3519.77539	3637.29443
3822.0	0.0002601	3519.63989	3639.75171
3716.0	0.0002687	3519.50562	3642.34912
3702.0	0.0002687	3519.37207	3645.09229
3909.0	0.0002520	3519.23975	3647.98926
3879.0	0.0002601	3519.10791	3651.04761
3635.0	0.0002778	3518.97705	3654.27734
3517.0	0.0002873	3518.84717	3657.68286
3533.0	0.0002873	3518.71826	3661.27393
3573.0	0.0002778	3518.59009	3665.05884
3542.0	0.0002778	3518.46265	3669.04663
3583.0	0.0002778	3518.33618	3673.24219
3715.0	0.0002687	3518.21045	3677.65430
3768.0	0.0002687	3518.08545	3682.28931
3728.0	0.0002687	3517.96143	3687.15503
3659.0	0.0002778	3517.83813	3692.25317
3643.0	0.0002778	3517.71558	3697.59180
3698.0	0.0002687	3517.59375	3703.16650

3807.0	0.0002601	3517.47266	3708.97998
3929.0	0.0002520	3517.35229	3715.02930
3904.0	0.0002601	3517.23267	3721.30469
3707.0	0.0002687	3517.11353	3727.79614
3719.0	0.0002687	3516.99536	3734.48877
3818.0	0.0002601	3516.87793	3741.36328
3709.0	0.0002687	3516.76074	3748.39331
3650.0	0.0002778	3516.64453	3755.55396
3738.0	0.0002687	3516.52856	3762.80542
3853.0	0.0002601	3516.41357	3770.11450
3889.0	0.0002601	3516.29907	3777.44653
3878.0	0.0002601	3516.18530	3784.76733
3941.0	0.0002520	3516.07178	3792.04346
3987.0	0.0002520	3515.95923	3799.25562
3959.0	0.0002520	3515.84692	3806.39331
3928.0	0.0002520	3515.73511	3813.46143
3955.0	0.0002520	3515.62402	3820.48267
4000.0	0.0002520	3515.51343	3827.49780
3906.0	0.0002601	3515.40308	3834.56274
3862.0	0.0002601	3515.29346	3841.75586
3967.0	0.0002520	3515.18408	3849.17285
3871.0	0.0002601	3515.07544	3856.92847
3957.0	0.0002520	3514.96704	3865.14478
4447.0	0.0002228	3514.85913	3873.96558
4173.0	0.0002367	3514.75171	3883.54810
4083.0	0.0002441	3514.64453	3894.06812
4054.0	0.0002441	3514.53784	3905.72510
4267.0	0.0002367	3514.43164	3918.73120
4002.0	0.0002520	3514.32568	3933.34204
4263.0	0.0002367	3514.21997	3949.84717
4401.0	0.0002296	3514.11475	3968.58887
4169.0	0.0002367	3514.00977	3989.94214
4431.0	0.0002228	3513.90503	4014.36377
4294.0	0.0002296	3513.80078	4042.37500
4249.0	0.0002367	3513.69678	4074.57227
4283.0	0.0002367	3513.59277	4111.63330
4413.0	0.0002296	3513.48926	4154.33594
4725.0	0.0002100	3513.38599	4203.48682
4455.0	0.0002228	3513.28296	4260.01465
4849.0	0.0002041	3513.18018	4324.89746
4734.0	0.0002100	3513.07764	4399.18115
4803.0	0.0002100	3512.97510	4483.85010
4638.0	0.0002163	3512.87280	4579.95557
4961.0	0.0002041	3512.77100	4688.47461
5015.0	0.0001984	3512.66895	4810.29102
5182.0	0.0001929	3512.56714	4946.14600
5229.0	0.0001929	3512.46533	5096.62793
5528.0	0.0001826	3512.36377	5261.92041
5577.0	0.0001778	3512.26221	5442.30225
5890.0	0.0001687	3512.16113	5636.62451
5948.0	0.0001687	3512.05957	5844.57471
6095.0	0.0001644	3511.95850	6063.92432
6378.0	0.0001562	3511.85742	6292.91846
6572.0	0.0001524	3511.75635	6527.50439

7106.0	0.0001417	3511.65527	6763.88330
7208.0	0.0001384	3511.55444	6995.56787
7321.0	0.0001352	3511.45313	7216.14209
7456.0	0.0001352	3511.35229	7416.66211
8031.0	0.0001235	3511.25098	7588.68311
7674.0	0.0001291	3511.14966	7722.87012
7683.0	0.0001291	3511.04883	7811.23877
7765.0	0.0001291	3510.94751	7848.48340
7714.0	0.0001291	3510.84644	7832.18408
7499.0	0.0001321	3510.74487	7763.65479
7412.0	0.0001352	3510.64355	7647.86523
7381.0	0.0001352	3510.54199	7491.78711
6990.0	0.0001417	3510.44019	7304.59229
6973.0	0.0001417	3510.33838	7094.70850
6837.0	0.0001452	3510.23633	6870.82031
6492.0	0.0001524	3510.13428	6640.60742
6285.0	0.0001602	3510.03174	6409.40967
6285.0	0.0001602	3509.92944	6182.67871
6090.0	0.0001644	3509.82666	5963.34668
5729.0	0.0001731	3509.72388	5754.71973
5632.0	0.0001778	3509.62085	5558.00977
5515.0	0.0001826	3509.51758	5374.99365
5443.0	0.0001826	3509.41406	5205.89551
5356.0	0.0001877	3509.31006	5050.85400
4978.0	0.0001984	3509.20605	4910.32666
5119.0	0.0001929	3509.10181	4783.30420
4789.0	0.0002100	3508.99707	4669.55957
5190.0	0.0001929	3508.89209	4567.96045
4865.0	0.0002041	3508.78687	4477.90869
4750.0	0.0002100	3508.68115	4398.16211
4555.0	0.0002228	3508.57544	4327.96582
4775.0	0.0002100	3508.46924	4266.11621
4543.0	0.0002228	3508.36255	4211.84619
4408.0	0.0002296	3508.25562	4164.08643
4404.0	0.0002296	3508.14819	4122.09033
4351.0	0.0002296	3508.04053	4085.14819
4629.0	0.0002163	3507.93237	4052.47314
4379.0	0.0002296	3507.82397	4023.56519
4204.0	0.0002367	3507.71484	3997.82031
4223.0	0.0002367	3507.60547	3974.87109
4309.0	0.0002296	3507.49561	3954.26953
4025.0	0.0002520	3507.38525	3935.75732
4219.0	0.0002367	3507.27441	3919.00903
4158.0	0.0002441	3507.16284	3903.83154
3950.0	0.0002520	3507.05127	3890.05762
4166.0	0.0002367	3506.93872	3877.48950
3986.0	0.0002520	3506.82617	3866.03613
3901.0	0.0002601	3506.71289	3855.55444
4046.0	0.0002441	3506.59888	3845.98633
4009.0	0.0002520	3506.48438	3837.22266
3958.0	0.0002520	3506.36963	3829.22925
4163.0	0.0002367	3506.25391	3821.92871
4005.0	0.0002520	3506.13770	3815.27002
3852.0	0.0002601	3506.02100	3809.23535

3940.0	0.0002520	3505.90356	3803.76465
4058.0	0.0002441	3505.78564	3798.84180
4096.0	0.0002441	3505.66699	3794.42334
4126.0	0.0002441	3505.54810	3790.49878
3836.0	0.0002601	3505.42798	3787.03271
4033.0	0.0002441	3505.30762	3784.01660
3843.0	0.0002601	3505.18628	3781.42676
3796.0	0.0002601	3505.06445	3779.24854
3834.0	0.0002601	3504.94189	3777.47510
3879.0	0.0002601	3504.81860	3776.08936
3763.0	0.0002687	3504.69482	3775.08789
3947.0	0.0002520	3504.56982	3774.45972
3854.0	0.0002601	3504.44458	3774.19971
4013.0	0.0002520	3504.31836	3774.30615
3794.0	0.0002601	3504.19165	3774.77466
4069.0	0.0002441	3504.06396	3775.60596
3884.0	0.0002601	3503.93555	3776.79736
3866.0	0.0002601	3503.80615	3778.35449
3978.0	0.0002520	3503.67603	3780.28052
3981.0	0.0002520	3503.54541	3782.57520
3742.0	0.0002687	3503.41382	3785.25122
3824.0	0.0002601	3503.28125	3788.30786
3952.0	0.0002520	3503.14795	3791.76294
3670.0	0.0002687	3503.01392	3795.61548
4087.0	0.0002441	3502.87891	3799.88867
4009.0	0.0002520	3502.74316	3804.58276
3830.0	0.0002601	3502.60669	3809.72021
3734.0	0.0002687	3502.46875	3815.32251
3959.0	0.0002520	3502.33057	3821.38574
3875.0	0.0002601	3502.19092	3827.94873
3908.0	0.0002520	3502.05078	3835.01367
4069.0	0.0002441	3501.90967	3842.62402
3847.0	0.0002601	3501.76758	3850.77832
3721.0	0.0002687	3501.62427	3859.52832
3805.0	0.0002601	3501.48071	3868.87598
4070.0	0.0002441	3501.33569	3878.87085
4032.0	0.0002441	3501.18970	3889.55420
3989.0	0.0002520	3501.04272	3900.92261
3843.0	0.0002601	3500.89478	3913.05322
4101.0	0.0002441	3500.74609	3925.95068
4103.0	0.0002441	3500.59619	3939.69653
4195.0	0.0002367	3500.44531	3954.29468
4006.0	0.0002520	3500.29346	3969.83618
4149.0	0.0002441	3500.14063	3986.32446
4028.0	0.0002520	3499.98657	4003.86084
3957.0	0.0002520	3499.83179	4022.44751
4237.0	0.0002367	3499.67578	4042.19214
4151.0	0.0002441	3499.51855	4063.12378
4100.0	0.0002441	3499.36035	4085.26172
4312.0	0.0002296	3499.20117	4108.72461
4127.0	0.0002441	3499.04077	4133.49023
4138.0	0.0002441	3498.87939	4159.67969
4236.0	0.0002367	3498.71704	4187.25586
4256.0	0.0002367	3498.55322	4216.33740

4308.0	0.0002296	3498.38867	4246.86816
4306.0	0.0002296	3498.22266	4278.96143
4076.0	0.0002441	3498.05566	4312.59521
4318.0	0.0002296	3497.88770	4347.72754
4087.0	0.0002441	3497.71802	4384.47803
4505.0	0.0002228	3497.54785	4422.74609
4539.0	0.0002228	3497.37598	4462.66211
4402.0	0.0002296	3497.20337	4504.12451
4442.0	0.0002228	3497.02930	4547.28564
4306.0	0.0002296	3496.85425	4592.04932
4695.0	0.0002100	3496.67798	4638.55762
4669.0	0.0002163	3496.50024	4686.90137
4779.0	0.0002100	3496.32153	4736.93896
4535.0	0.0002228	3496.14136	4788.88965
4727.0	0.0002100	3495.96021	4842.59131
4863.0	0.0002041	3495.77759	4898.14453
4807.0	0.0002100	3495.59424	4955.23584
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5092.0	0.0001984	3495.22290	5073.14111
4990.0	0.0001984	3495.03540	5132.92920
5098.0	0.0001984	3494.84668	5192.13379
5172.0	0.0001929	3494.65649	5249.91211
5027.0	0.0001984	3494.46509	5304.95557
5333.0	0.0001877	3494.27246	5355.82275
5542.0	0.0001826	3494.07861	5401.22168
5541.0	0.0001826	3493.88330	5439.57275
5346.0	0.0001877	3493.68677	5469.63672
5764.0	0.0001731	3493.48926	5490.12646
5668.0	0.0001778	3493.28979	5500.11621
5557.0	0.0001778	3493.08936	5498.82813
5753.0	0.0001731	3492.88745	5485.78223
5687.0	0.0001778	3492.68408	5460.83936
5668.0	0.0001778	3492.47974	5424.36816
5322.0	0.0001877	3492.27368	5377.10156
5507.0	0.0001826	3492.06665	5320.60254
5205.0	0.0001929	3491.85791	5256.60596
5181.0	0.0001929	3491.64795	5187.49805
5057.0	0.0001984	3491.43652	5115.31689
5016.0	0.0001984	3491.22388	5042.38232
4842.0	0.0002041	3491.00952	4970.50586
4794.0	0.0002100	3490.79370	4900.92285
4713.0	0.0002100	3490.57690	4835.25977
4766.0	0.0002100	3490.35815	4774.23486
4619.0	0.0002163	3490.13867	4718.74756
4834.0	0.0002041	3489.91724	4669.14746
4544.0	0.0002228	3489.69482	4625.91406
4520.0	0.0002228	3489.47046	4589.09619
4607.0	0.0002163	3489.24487	4558.86621
4511.0	0.0002228	3489.01782	4535.10010
4521.0	0.0002228	3488.78955	4517.76172
4396.0	0.0002296	3488.55957	4506.64844
4510.0	0.0002228	3488.32813	4501.61475
4437.0	0.0002228	3488.09521	4502.46729
4468.0	0.0002228	3487.86084	4509.02246

4544.0	0.0002228	3487.62524	4521.08057
4499.0	0.0002228	3487.38770	4538.51025
4573.0	0.0002163	3487.14893	4561.10205
4744.0	0.0002100	3486.90869	4588.98779
4591.0	0.0002163	3486.66699	4621.50391
4603.0	0.0002163	3486.42358	4659.28174
4793.0	0.0002100	3486.17871	4701.14404
4828.0	0.0002100	3485.93262	4747.28076
4810.0	0.0002100	3485.68457	4797.56982
4863.0	0.0002041	3485.43555	4851.53174
4938.0	0.0002041	3485.18457	4908.91455
4855.0	0.0002041	3484.93237	4969.02002
5060.0	0.0001984	3484.67822	5031.37500
4925.0	0.0002041	3484.42310	5094.98389
5087.0	0.0001984	3484.16602	5159.01074
5299.0	0.0001877	3483.90723	5222.34180
5295.0	0.0001877	3483.64722	5283.40527
5434.0	0.0001826	3483.38550	5340.94287
5489.0	0.0001826	3483.12256	5393.17725
5526.0	0.0001826	3482.85742	5438.62256
5642.0	0.0001778	3482.59131	5475.54004
5518.0	0.0001826	3482.32324	5502.59863
5566.0	0.0001778	3482.05396	5518.53564
5619.0	0.0001778	3481.78296	5522.58789
5673.0	0.0001778	3481.51001	5514.35156
5701.0	0.0001731	3481.23584	5493.97461
5639.0	0.0001778	3480.95996	5461.96875
5525.0	0.0001826	3480.68286	5419.40430
5776.0	0.0001731	3480.40356	5367.44678
5469.0	0.0001826	3480.12329	5307.74707
5433.0	0.0001826	3479.84082	5241.71973
5589.0	0.0001778	3479.55713	5171.14746
5491.0	0.0001826	3479.27148	5097.60303
5163.0	0.0001929	3478.98511	5022.09229
5184.0	0.0001929	3478.69604	4945.85596
4982.0	0.0001984	3478.40552	4870.00342
4980.0	0.0001984	3478.11401	4795.46484
4888.0	0.0002041	3477.82031	4722.65381
4935.0	0.0002041	3477.52539	4652.28564
4779.0	0.0002100	3477.22852	4584.50977
4698.0	0.0002100	3476.93042	4519.78271
4450.0	0.0002228	3476.63037	4458.07275
4580.0	0.0002163	3476.32886	4399.65234
4642.0	0.0002163	3476.02563	4344.42236
4194.0	0.0002367	3475.72021	4292.33398
4359.0	0.0002296	3475.41406	4243.52637
4307.0	0.0002296	3475.10571	4197.73584
3966.0	0.0002520	3474.79590	4154.99658
4250.0	0.0002367	3474.48438	4115.06689
4169.0	0.0002367	3474.17139	4077.93140
3988.0	0.0002520	3473.85669	4043.34399
4159.0	0.0002441	3473.54028	4011.26855
3923.0	0.0002520	3473.22241	3981.48267
4030.0	0.0002520	3472.90234	3953.82715

3865.0	0.0002601	3472.58105	3928.25879
3943.0	0.0002520	3472.25757	3904.53638
3952.0	0.0002520	3471.93311	3882.59619
4066.0	0.0002441	3471.60669	3862.23926
3736.0	0.0002687	3471.27881	3843.40161
3719.0	0.0002687	3470.94897	3825.90381
3992.0	0.0002520	3470.61792	3809.68701
3765.0	0.0002687	3470.28467	3794.59717
3796.0	0.0002601	3469.95020	3780.57910
3725.0	0.0002687	3469.61377	3767.50098
3829.0	0.0002601	3469.27539	3755.29834
3800.0	0.0002601	3468.93604	3743.91162
3656.0	0.0002778	3468.59448	3733.23438
3944.0	0.0002520	3468.25171	3723.23535
3805.0	0.0002601	3467.90674	3713.82568
3664.0	0.0002687	3467.56079	3704.97998
3667.0	0.0002687	3467.21240	3696.62549
3708.0	0.0002687	3466.86279	3688.74219
3468.0	0.0002873	3466.51123	3681.26978
3709.0	0.0002687	3466.15796	3674.18433
3605.0	0.0002778	3465.80347	3667.46533
3723.0	0.0002687	3465.44702	3661.06445
3728.0	0.0002687	3465.08887	3654.97461
3872.0	0.0002601	3464.72900	3649.15625
3401.0	0.0002973	3464.36792	3643.60718
3778.0	0.0002687	3464.00415	3638.28931
3792.0	0.0002601	3463.63989	3633.20581
3540.0	0.0002873	3463.27368	3628.32788
3545.0	0.0002778	3462.90479	3623.63892
3583.0	0.0002778	3462.53516	3619.14478
3761.0	0.0002687	3462.16357	3614.81592
3558.0	0.0002778	3461.79077	3610.65698
3784.0	0.0002601	3461.41553	3606.64502
3589.0	0.0002778	3461.03931	3602.78223
3767.0	0.0002687	3460.66089	3599.04980
3531.0	0.0002873	3460.28149	3595.45264
3501.0	0.0002873	3459.89966	3591.97119
3529.0	0.0002873	3459.51685	3588.61060
3546.0	0.0002778	3459.13159	3585.35449
3386.0	0.0002973	3458.74487	3582.20215
3536.0	0.0002873	3458.35693	3579.15308
3533.0	0.0002873	3457.96680	3576.19360
3459.0	0.0002873	3457.57568	3573.32739
3648.0	0.0002778	3457.18213	3570.54224
3343.0	0.0002973	3456.78784	3567.84155
3662.0	0.0002687	3456.39087	3565.21509
3508.0	0.0002873	3455.99292	3562.66528
3603.0	0.0002778	3455.59302	3560.18213
3360.0	0.0002973	3455.19116	3557.76538
3556.0	0.0002778	3454.78833	3555.41699
3381.0	0.0002973	3454.38354	3553.12646
3417.0	0.0002973	3453.97729	3550.89722
3479.0	0.0002873	3453.56885	3548.72119
3539.0	0.0002873	3453.15942	3546.60181

3431.0	0.0002873	3452.74780	3544.53101
3687.0	0.0002687	3452.33521	3542.51221
3350.0	0.0002973	3451.92065	3540.53857
3690.0	0.0002687	3451.50342	3538.60669
3447.0	0.0002873	3451.08594	3536.72388
3606.0	0.0002778	3450.66626	3534.87964
3478.0	0.0002873	3450.24536	3533.07739
3371.0	0.0002973	3449.82227	3531.31152
3468.0	0.0002873	3449.39819	3529.58423
3595.0	0.0002778	3448.97192	3527.89038
3388.0	0.0002973	3448.54443	3526.23267
3516.0	0.0002873	3448.11499	3524.60596
3460.0	0.0002873	3447.68433	3523.01294
3520.0	0.0002873	3447.25146	3521.44849
3574.0	0.0002778	3446.81714	3519.91187
3592.0	0.0002778	3446.38159	3518.40698
3376.0	0.0002973	3445.94385	3516.92725
3452.0	0.0002873	3445.50562	3515.47559
3527.0	0.0002873	3445.06445	3514.04688
3559.0	0.0002778	3444.62256	3512.64429
3392.0	0.0002973	3444.17871	3511.26343
3605.0	0.0002778	3443.73364	3509.90747
3476.0	0.0002873	3443.28638	3508.57080
3555.0	0.0002778	3442.83765	3507.25684
3377.0	0.0002973	3442.38794	3505.96460
3685.0	0.0002687	3441.93628	3504.69043
3348.0	0.0002973	3441.48315	3503.43677
3595.0	0.0002778	3441.02783	3502.20068
3371.0	0.0002973	3440.57202	3500.98389
3431.0	0.0002873	3440.11377	3499.78271
3632.0	0.0002778	3439.65479	3498.59937
3450.0	0.0002873	3439.19360	3497.43311
3718.0	0.0002687	3438.73022	3496.28027
3467.0	0.0002873	3438.26660	3495.14600
3518.0	0.0002873	3437.80078	3494.02417
3595.0	0.0002778	3437.33398	3492.91821
3560.0	0.0002778	3436.86499	3491.82593
3769.0	0.0002687	3436.39502	3490.74927
3392.0	0.0002973	3435.92285	3489.68384
3406.0	0.0002973	3435.45020	3488.63330
3466.0	0.0002873	3434.97510	3487.59473
3591.0	0.0002778	3434.49829	3486.56665
3515.0	0.0002873	3434.02100	3485.55371
3386.0	0.0002973	3433.54126	3484.55005
3461.0	0.0002873	3433.06079	3483.56104
3422.0	0.0002973	3432.57813	3482.58130
3304.0	0.0003078	3432.09473	3481.61353
3625.0	0.0002778	3431.60913	3480.65625
3388.0	0.0002973	3431.12256	3479.71118
3429.0	0.0002873	3430.63428	3478.77686
3553.0	0.0002778	3430.14478	3477.85229
3458.0	0.0002873	3429.65332	3476.93726
3490.0	0.0002873	3429.16040	3476.03467
3406.0	0.0002973	3428.66650	3475.14282

3318.0	0.0002973	3428.17090	3474.26074
3442.0	0.0002873	3427.67432	3473.38965
3410.0	0.0002973	3427.17554	3472.52905
3488.0	0.0002873	3426.67627	3471.67993
3524.0	0.0002873	3426.17456	3470.84082
3409.0	0.0002973	3425.67236	3470.01367
3429.0	0.0002873	3425.16821	3469.19580
3518.0	0.0002873	3424.66211	3468.39038
3506.0	0.0002873	3424.15576	3467.59790
3475.0	0.0002873	3423.64697	3466.81372
3455.0	0.0002873	3423.13794	3466.04443
3432.0	0.0002873	3422.62622	3465.28540
3459.0	0.0002873	3422.11426	3464.54175
3546.0	0.0002778	3421.60034	3463.80835
3637.0	0.0002778	3421.08569	3463.08911
3587.0	0.0002778	3420.56885	3462.38184
3433.0	0.0002873	3420.05054	3461.68774
3378.0	0.0002973	3419.53149	3461.00732
3406.0	0.0002973	3419.01050	3460.33960
3461.0	0.0002873	3418.48926	3459.68701
3518.0	0.0002873	3417.96558	3459.04688
3479.0	0.0002873	3417.44116	3458.41870
3372.0	0.0002973	3416.91528	3457.80396
3436.0	0.0002873	3416.38818	3457.20190
3527.0	0.0002873	3415.85938	3456.60986
3463.0	0.0002873	3415.33008	3456.02954
3379.0	0.0002973	3414.79883	3455.45605
3378.0	0.0002973	3414.26587	3454.89063
3461.0	0.0002873	3413.73291	3454.32983
3479.0	0.0002873	3413.19751	3453.76953
3454.0	0.0002873	3412.66211	3453.20923
3492.0	0.0002873	3412.12402	3452.64258
3498.0	0.0002873	3411.58594	3452.06763
3494.0	0.0002873	3411.04565	3451.47876
3587.0	0.0002778	3410.50513	3450.87329
3589.0	0.0002778	3409.96240	3450.24585
3452.0	0.0002873	3409.41821	3449.59424
3367.0	0.0002973	3408.87402	3448.91748
3426.0	0.0002873	3408.32739	3448.21289
3536.0	0.0002873	3407.78101	3447.48315
3451.0	0.0002873	3407.23218	3446.72583
3407.0	0.0002973	3406.68311	3445.94678
3595.0	0.0002778	3406.13184	3445.14502
3741.0	0.0002687	3405.58057	3444.32983
3761.0	0.0002687	3405.02734	3443.50049
3675.0	0.0002687	3404.47241	3442.66284
3462.0	0.0002873	3403.91748	3441.82275
3394.0	0.0002973	3403.36060	3440.98022
3672.0	0.0002687	3402.80322	3440.14038
3711.0	0.0002687	3402.24438	3439.30615
3546.0	0.0002778	3401.68481	3438.47876
3659.0	0.0002778	3401.12329	3437.65845
3712.0	0.0002687	3400.56177	3436.85059
3635.0	0.0002778	3399.99829	3436.05298

3740.0	0.0002687	3399.43457	3435.26782
3729.0	0.0002687	3398.86865	3434.49365
3529.0	0.0002873	3398.30200	3433.73193
3525.0	0.0002873	3397.73511	3432.98608
3522.0	0.0002873	3397.16626	3432.20801
3394.0	0.0002973	3396.59717	3431.48706
3475.0	0.0002873	3396.02637	3430.77808
3603.0	0.0002778	3395.45532	3430.08350
3553.0	0.0002778	3394.88232	3429.39966
3514.0	0.0002873	3394.30933	3428.72998
3547.0	0.0002778	3393.73413	3428.07007
3585.0	0.0002778	3393.15820	3427.42358
3538.0	0.0002873	3392.58203	3426.78882
3530.0	0.0002873	3392.00415	3426.16577
3706.0	0.0002687	3391.42627	3425.55396
3720.0	0.0002687	3390.84644	3424.95264
3553.0	0.0002778	3390.26660	3424.36401
3506.0	0.0002873	3389.68481	3423.78442
3459.0	0.0002873	3389.10278	3423.21704
3369.0	0.0002973	3388.51978	3422.65967
3397.0	0.0002973	3387.93506	3422.11255
3515.0	0.0002873	3387.35034	3421.57690
3599.0	0.0002778	3386.76416	3421.05176
3526.0	0.0002873	3386.17773	3420.53760
3420.0	0.0002973	3385.59009	3420.03491
3414.0	0.0002973	3385.00171	3419.54224
3446.0	0.0002873	3384.41187	3419.06104
3479.0	0.0002873	3383.82227	3418.59155
3497.0	0.0002873	3383.23145	3418.13403
3466.0	0.0002873	3382.63867	3417.68848
3415.0	0.0002973	3382.04639	3417.25464
3408.0	0.0002973	3381.45264	3416.83472
3453.0	0.0002873	3380.85889	3416.42822
3528.0	0.0002873	3380.26343	3415.03320
3581.0	0.0002778	3379.66797	3414.65723
3536.0	0.0002873	3379.07104	3414.29639
3453.0	0.0002873	3378.47412	3413.95068
3489.0	0.0002873	3377.87573	3413.62231
3534.0	0.0002873	3377.27734	3413.31079
3439.0	0.0002873	3376.67725	3413.01636
3181.0	0.0003189	3376.07642	3412.74219
3113.0	0.0003189	3375.47607	3412.48779
3370.0	0.0002973	3374.87378	3412.25464
3511.0	0.0002873	3374.27197	3412.04468
3408.0	0.0002973	3373.66846	3412.62573
3221.0	0.0003078	3373.06494	3412.46680
3285.0	0.0003078	3372.46045	3412.33545
3445.0	0.0002873	3371.85547	3412.23242
3426.0	0.0002873	3371.25000	3412.16016
3491.0	0.0002873	3370.64282	3412.12085
3610.0	0.0002778	3370.03613	3412.11694
3553.0	0.0002778	3369.42847	3412.15186
3429.0	0.0002873	3368.82031	3412.22559
3383.0	0.0002973	3368.21118	3412.34448

3460.0	0.0002873	3367.60229	3412.51001
3442.0	0.0002873	3366.99194	3412.72754
3325.0	0.0002973	3366.38208	3413.00146
3380.0	0.0002973	3365.77075	3413.33545
3500.0	0.0002873	3365.15845	3413.73779
3532.0	0.0002873	3364.54688	3414.21289
3485.0	0.0002873	3363.93384	3414.77100
3422.0	0.0002973	3363.32129	3415.42358
3402.0	0.0002973	3362.70703	3416.18457
3434.0	0.0002873	3362.09375	3417.06958
3488.0	0.0002873	3361.47852	3418.10303
3481.0	0.0002873	3360.86401	3419.36597
3289.0	0.0003078	3360.24805	3420.79858
3227.0	0.0003078	3359.63257	3422.50171
3596.0	0.0002778	3359.01563	3424.55078
3729.0	0.0002687	3358.39819	3427.03687
3565.0	0.0002778	3357.78174	3430.07642
3569.0	0.0002778	3357.16357	3433.82690
3519.0	0.0002873	3356.54614	3438.46924
3409.0	0.0002973	3355.92725	3444.24585
3537.0	0.0002873	3355.30859	3451.41675
3633.0	0.0002778	3354.68945	3460.32178
3552.0	0.0002778	3354.07007	3471.29370
3530.0	0.0002873	3353.45044	3484.74780
3531.0	0.0002873	3352.82935	3501.11206
3523.0	0.0002873	3352.20923	3520.72827
3656.0	0.0002778	3351.58789	3544.04639
3747.0	0.0002687	3350.96729	3571.31128
3644.0	0.0002778	3350.34570	3602.82861
3630.0	0.0002778	3349.72437	3638.58936
3734.0	0.0002687	3349.10205	3678.63989
3844.0	0.0002601	3348.48047	3722.53027
4002.0	0.0002520	3347.85791	3769.84717
4142.0	0.0002441	3347.23438	3819.84106
4160.0	0.0002367	3346.61230	3871.22974
4189.0	0.0002367	3345.98877	3922.79858
4246.0	0.0002367	3345.36597	3972.65942
4236.0	0.0002367	3344.74219	4018.91357
4270.0	0.0002367	3344.11914	4059.14160
4391.0	0.0002296	3343.49487	4091.10938
4492.0	0.0002228	3342.87158	4112.59277
4472.0	0.0002228	3342.24707	4122.10938
4341.0	0.0002296	3341.62354	4118.99463
4245.0	0.0002367	3340.99878	4103.66650
4222.0	0.0002367	3340.37378	4077.51611
4233.0	0.0002367	3339.75000	4042.67432
4208.0	0.0002367	3339.12476	4001.40698
4183.0	0.0002367	3338.50024	3956.20142
4190.0	0.0002367	3337.87549	3909.08569
4115.0	0.0002441	3337.25098	3862.06201
3977.0	0.0002520	3336.62573	3816.53345
3868.0	0.0002601	3336.00146	3774.86743
3754.0	0.0002687	3335.37622	3735.87573
3688.0	0.0002687	3334.75122	3701.29688

3748.0	0.0002687	3334.12671	3671.61304
3734.0	0.0002687	3333.50146	3646.97485
3647.0	0.0002778	3332.87720	3627.53027
3718.0	0.0002687	3332.25195	3613.16577
3785.0	0.0002601	3331.62769	3603.77808
3736.0	0.0002687	3331.00293	3599.14038
3693.0	0.0002687	3330.37891	3599.03809
3654.0	0.0002778	3329.75439	3603.23364
3617.0	0.0002778	3329.12915	3611.52783
3677.0	0.0002687	3328.50537	3623.68848
3808.0	0.0002601	3327.88086	3639.58325
3873.0	0.0002601	3327.25757	3659.01099
3691.0	0.0002687	3326.63330	3681.88599
3581.0	0.0002778	3326.01025	3708.00146
3851.0	0.0002601	3325.38623	3737.28735
3910.0	0.0002520	3324.76343	3769.48755
3762.0	0.0002687	3324.13989	3804.50317
3853.0	0.0002601	3323.51733	3841.99097
4017.0	0.0002520	3322.89429	3881.76318
4133.0	0.0002441	3322.27148	3923.38354
4239.0	0.0002367	3321.64941	3966.28516
4250.0	0.0002367	3321.02734	4009.94653
4208.0	0.0002367	3320.40601	4053.38745
4306.0	0.0002296	3319.78442	4095.65845
4394.0	0.0002296	3319.16333	4135.29980
4374.0	0.0002296	3318.54199	4170.86426
4407.0	0.0002296	3317.92212	4200.52588
4518.0	0.0002228	3317.30151	4222.63770
4592.0	0.0002163	3316.68115	4235.61670
4431.0	0.0002228	3316.06226	4238.36914
4198.0	0.0002367	3315.44263	4230.44531
4132.0	0.0002441	3314.82446	4212.13428
4127.0	0.0002441	3314.20557	4184.33545
4009.0	0.0002520	3313.58813	4148.60352
3771.0	0.0002687	3312.96997	4106.59033
3892.0	0.0002601	3312.35327	4060.24756
4189.0	0.0002367	3311.73657	4011.19653
4044.0	0.0002441	3311.11938	3960.90356
3888.0	0.0002601	3310.50391	3910.81567
3916.0	0.0002520	3309.88818	3861.75049
3818.0	0.0002601	3309.27393	3814.63062
3631.0	0.0002778	3308.65894	3769.88672
3520.0	0.0002873	3308.04541	3728.05884
3601.0	0.0002778	3307.43164	3689.28418
3631.0	0.0002778	3306.81885	3653.81982
3509.0	0.0002873	3306.20679	3621.62866
3585.0	0.0002778	3305.59399	3592.65967
3659.0	0.0002778	3304.98340	3566.91577
3503.0	0.0002873	3304.37231	3544.14429
3486.0	0.0002873	3303.76221	3524.22412
3508.0	0.0002873	3303.15259	3506.88525
3349.0	0.0002973	3302.54419	3491.95215
3430.0	0.0002873	3301.93530	3479.15625
3639.0	0.0002778	3301.32813	3468.31396

3541.0	0.0002778	3300.72070	3459.18823
3466.0	0.0002873	3300.11499	3451.61694
3572.0	0.0002778	3299.50854	3445.40991
3681.0	0.0002687	3298.90308	3440.43848
3669.0	0.0002687	3298.29932	3436.58984
3527.0	0.0002873	3297.69507	3433.76025
3366.0	0.0002973	3297.09277	3431.88940
3317.0	0.0002973	3296.49023	3430.92505
3418.0	0.0002973	3295.88916	3430.84399
3544.0	0.0002778	3295.28809	3431.63770
3564.0	0.0002778	3294.68872	3433.30786
3487.0	0.0002873	3294.08936	3435.87476
3557.0	0.0002778	3293.48999	3439.36865
3638.0	0.0002778	3292.89307	3443.80396
3531.0	0.0002873	3292.29565	3449.22681
3468.0	0.0002873	3291.70020	3455.64868
3502.0	0.0002873	3291.10474	3463.11133
3522.0	0.0002873	3290.51074	3471.60083
3482.0	0.0002873	3289.91675	3481.13892
3416.0	0.0002973	3289.32446	3491.67676
3393.0	0.0002973	3288.73291	3503.19019
3387.0	0.0002973	3288.14136	3515.61450
3409.0	0.0002973	3287.55151	3528.79150
3509.0	0.0002873	3286.96240	3542.61499
3593.0	0.0002778	3286.37427	3556.83691
3586.0	0.0002778	3285.78662	3571.23022
3513.0	0.0002873	3285.20093	3585.42090
3489.0	0.0002873	3284.61523	3599.04663
3548.0	0.0002778	3284.03149	3611.60352
3538.0	0.0002873	3283.44775	3622.62988
3499.0	0.0002873	3282.86597	3631.59448
3535.0	0.0002873	3282.28394	3638.08130
3640.0	0.0002778	3281.70313	3641.74927
3699.0	0.0002687	3281.12451	3642.43994
3614.0	0.0002778	3280.54541	3640.19189
3524.0	0.0002873	3279.96899	3635.23633
3546.0	0.0002778	3279.39233	3627.94116
3689.0	0.0002687	3278.81763	3618.80371
3761.0	0.0002687	3278.24316	3608.31714
3659.0	0.0002778	3277.67090	3597.01855
3458.0	0.0002873	3277.09888	3585.34302
3385.0	0.0002973	3276.52734	3573.67822
3518.0	0.0002873	3275.95825	3562.39453
3682.0	0.0002687	3275.38940	3551.71167
3707.0	0.0002687	3274.82275	3541.86377
3580.0	0.0002778	3274.25586	3532.96875
3504.0	0.0002873	3273.69116	3525.16553
3507.0	0.0002873	3273.12720	3518.50342
3588.0	0.0002778	3272.56494	3513.04468
3385.0	0.0002973	3272.00366	3508.79370
3371.0	0.0002973	3271.44263	3505.75000
3413.0	0.0002973	3270.88403	3503.90186
3560.0	0.0002778	3270.32617	3503.20898
3623.0	0.0002778	3269.76978	3503.62451

3582.0	0.0002778	3269.21411	3505.09351
3668.0	0.0002687	3268.66064	3507.54590
3655.0	0.0002778	3268.10767	3510.91797
3625.0	0.0002778	3267.55688	3515.12061
3553.0	0.0002778	3267.00635	3520.08276
3467.0	0.0002873	3266.45825	3525.70068
3780.0	0.0002687	3265.91016	3531.89478
3503.0	0.0002873	3265.36377	3538.55493
3672.0	0.0002687	3264.81958	3545.56079
3682.0	0.0002687	3264.27563	3553.07788
3698.0	0.0002687	3263.73413	3560.43872
3558.0	0.0002778	3263.19312	3567.79517
3829.0	0.0002601	3262.65454	3574.98511
3692.0	0.0002687	3262.11621	3581.88794
3773.0	0.0002687	3261.58032	3588.33862
3989.0	0.0002520	3261.04492	3594.21704
3702.0	0.0002687	3260.51099	3599.37524
3677.0	0.0002687	3259.97925	3603.68896
3683.0	0.0002687	3259.44824	3607.06519
3679.0	0.0002687	3258.91919	3609.41406
3581.0	0.0002778	3258.39136	3610.68799
3616.0	0.0002778	3257.86548	3610.85791
3524.0	0.0002873	3257.34058	3609.92773
3927.0	0.0002520	3256.81763	3607.92822
3734.0	0.0002687	3256.29614	3604.91260
3916.0	0.0002520	3255.77515	3600.98779
3754.0	0.0002687	3255.25659	3596.17285
3667.0	0.0002687	3254.73926	3590.58594
3628.0	0.0002778	3254.22412	3584.33789
3740.0	0.0002687	3253.70972	3577.50415
3762.0	0.0002687	3253.19775	3570.19385
3778.0	0.0002687	3252.68677	3562.46729
3664.0	0.0002687	3252.17798	3554.42749
3712.0	0.0002687	3251.67017	3546.12061
3761.0	0.0002687	3251.16455	3538.21216
3610.0	0.0002778	3250.65991	3529.60645
3562.0	0.0002778	3250.15674	3520.95117
3621.0	0.0002778	3249.65601	3512.32666
3607.0	0.0002778	3249.15649	3503.77515
3753.0	0.0002687	3248.65918	3495.38647
3710.0	0.0002687	3248.16284	3487.19946
3757.0	0.0002687	3247.66895	3479.29883
3618.0	0.0002778	3247.17603	3471.72314
3638.0	0.0002778	3246.68530	3464.53052
3600.0	0.0002778	3246.19580	3457.75513
3703.0	0.0002687	3245.70801	3451.44751
3466.0	0.0002873	3245.22290	3445.65381
3602.0	0.0002778	3244.73853	3440.39160
3458.0	0.0002873	3244.25635	3435.70728
3647.0	0.0002778	3243.77588	3431.61743
3659.0	0.0002778	3243.29736	3428.16260
3681.0	0.0002687	3242.82007	3425.36108
3779.0	0.0002687	3242.34546	3423.24878
3719.0	0.0002687	3241.87256	3421.85132

3843.0	0.0002601	3241.40015	3421.19507
3899.0	0.0002601	3240.93091	3421.31494
3823.0	0.0002601	3240.46265	3422.23901
3684.0	0.0002687	3239.99731	3423.99512
3701.0	0.0002687	3239.53271	3426.61597
3770.0	0.0002687	3239.07104	3430.12183
3678.0	0.0002687	3238.61011	3434.54712
3745.0	0.0002687	3238.15234	3439.90210
3653.0	0.0002778	3237.69556	3446.21362
3948.0	0.0002520	3237.24023	3453.50146
3770.0	0.0002687	3236.78784	3461.74023
3777.0	0.0002687	3236.33667	3470.95361
3589.0	0.0002778	3235.88818	3481.09546
3683.0	0.0002687	3235.44092	3492.16260
3653.0	0.0002778	3234.99609	3504.06763
3460.0	0.0002873	3234.55273	3516.77051
3672.0	0.0002687	3234.11206	3530.12769
3664.0	0.0002687	3233.67236	3544.03735
3788.0	0.0002601	3233.23535	3558.27588
3657.0	0.0002778	3232.80005	3572.65991
3707.0	0.0002687	3232.36670	3586.92847
3694.0	0.0002687	3231.93555	3600.64648
3686.0	0.0002687	3231.50635	3613.52051
3575.0	0.0002778	3231.07935	3625.10083
3619.0	0.0002778	3230.65381	3634.99780
3507.0	0.0002873	3230.23120	3642.77368
3689.0	0.0002687	3229.80957	3648.09375
3653.0	0.0002778	3229.39111	3650.67090
3719.0	0.0002687	3228.97437	3650.35767
3567.0	0.0002778	3228.55884	3647.12207
3765.0	0.0002687	3228.14624	3641.09497
3502.0	0.0002873	3227.73535	3632.49609
3739.0	0.0002687	3227.32715	3621.68213
3715.0	0.0002687	3226.92041	3609.01050
3736.0	0.0002687	3226.51636	3594.93652
3668.0	0.0002687	3226.11377	3579.82227
3675.0	0.0002687	3225.71411	3564.09082
3642.0	0.0002778	3225.31592	3548.03784
3601.0	0.0002778	3224.91943	3531.92969
3624.0	0.0002778	3224.52637	3516.05688
3682.0	0.0002687	3224.13428	3500.53052
3568.0	0.0002778	3223.74536	3485.53320
3694.0	0.0002687	3223.35791	3471.11523
3809.0	0.0002601	3222.97339	3457.37988
3634.0	0.0002778	3222.59009	3444.32446
3612.0	0.0002778	3222.20972	3432.00513
3506.0	0.0002873	3221.83130	3420.38379
3631.0	0.0002778	3221.45508	3409.48267
3628.0	0.0002778	3221.08081	3399.24878
3465.0	0.0002873	3220.70898	3389.67139
3572.0	0.0002778	3220.33960	3380.72925
3495.0	0.0002873	3219.97217	3372.36255
3698.0	0.0002687	3219.60742	3364.56079
3675.0	0.0002687	3219.24438	3357.83765

3437.0	0.0002873	3218.88403	3351.03955
3425.0	0.0002873	3218.52563	3344.68311
3447.0	0.0002873	3218.16992	3338.75610
3670.0	0.0002687	3217.81616	3333.21484
3422.0	0.0002973	3217.46436	3328.03003
3569.0	0.0002778	3217.11548	3323.19482
3509.0	0.0002873	3216.76831	3318.66455
3642.0	0.0002778	3216.42432	3314.43359
3442.0	0.0002873	3216.08179	3310.46313
3420.0	0.0002973	3215.74219	3306.74976
3461.0	0.0002873	3215.40454	3303.26025
3522.0	0.0002873	3215.06958	3299.99097
3447.0	0.0002873	3214.73657	3296.91504
3503.0	0.0002873	3214.40576	3294.01782
3374.0	0.0002973	3214.07788	3291.29639
3484.0	0.0002873	3213.75171	3288.72900
3377.0	0.0002973	3213.42871	3286.31055
3485.0	0.0002873	3213.10742	3284.02417
3268.0	0.0003078	3212.78882	3281.86621
3574.0	0.0002778	3212.47241	3279.82495
3358.0	0.0002973	3212.15869	3277.89648
3253.0	0.0003078	3211.84717	3276.06885
3483.0	0.0002873	3211.53809	3274.34229
3319.0	0.0002973	3211.23120	3272.70337
3390.0	0.0002973	3210.92676	3271.15234
3375.0	0.0002973	3210.62500	3269.68555
3382.0	0.0002973	3210.32544	3268.29346
3400.0	0.0002973	3210.02881	3266.97925
3409.0	0.0002973	3209.73389	3265.73145
3537.0	0.0002873	3209.44214	3264.55273
3487.0	0.0002873	3209.15234	3263.43750
3407.0	0.0002973	3208.86523	3262.38257
3449.0	0.0002873	3208.58032	3261.38647
3423.0	0.0002873	3208.29785	3260.44482
3366.0	0.0002973	3208.01807	3259.55908
3599.0	0.0002778	3207.74048	3258.72192
3355.0	0.0002973	3207.46606	3257.93799
3369.0	0.0002973	3207.19336	3257.19873
3359.0	0.0002973	3206.92383	3256.50732
3228.0	0.0003078	3206.65601	3255.86011
3539.0	0.0002873	3206.39136	3255.25586
3430.0	0.0002873	3206.12891	3254.69312
3575.0	0.0002778	3205.86841	3254.17163
3311.0	0.0002973	3205.61157	3253.69067
3330.0	0.0002973	3205.35620	3253.24780
3395.0	0.0002973	3205.10425	3252.84473
3613.0	0.0002778	3204.85425	3252.75684
3486.0	0.0002873	3204.60693	3252.42944
3541.0	0.0002778	3204.36230	3252.13892
3400.0	0.0002973	3204.11987	3251.88525
3515.0	0.0002873	3203.88013	3251.66675
3407.0	0.0002973	3203.64307	3251.48511
3526.0	0.0002873	3203.40845	3251.33984
3551.0	0.0002778	3203.17603	3251.23071

3519.0	0.0002873	3202.94702	3251.15894
3534.0	0.0002873	3202.71973	3251.12427
3280.0	0.0003078	3202.49561	3251.12671
3462.0	0.0002873	3202.27344	3251.16846
3499.0	0.0002873	3202.05469	3251.24731
3544.0	0.0002778	3201.83765	3251.36719
3493.0	0.0002873	3201.62402	3251.52783
3326.0	0.0002973	3201.41235	3251.72998
3428.0	0.0002873	3201.20313	3251.97559
3372.0	0.0002973	3200.99731	3252.26611
3481.0	0.0002873	3200.79321	3252.60107
3552.0	0.0002778	3200.59229	3252.98511
3383.0	0.0002973	3200.39380	3253.41943
3314.0	0.0002973	3200.19800	3253.90356
3444.0	0.0002873	3200.00464	3254.44360
3371.0	0.0002973	3199.81396	3255.03833
3588.0	0.0002778	3199.62598	3255.69458
3231.0	0.0003078	3199.44019	3256.41284
3445.0	0.0002873	3199.25757	3257.19653
3534.0	0.0002873	3199.07715	3258.04907
3253.0	0.0003078	3198.89966	3258.97412
3578.0	0.0002778	3198.72461	3259.97778
3306.0	0.0003078	3198.55225	3261.06274
3512.0	0.0002873	3198.38257	3262.23682
3389.0	0.0002973	3198.21582	3263.50220
3420.0	0.0002973	3198.05127	3264.86670
3375.0	0.0002973	3197.88916	3266.34082
3518.0	0.0002873	3197.73022	3267.92407
3531.0	0.0002873	3197.57349	3269.63257
3388.0	0.0002973	3197.41992	3271.46924
3522.0	0.0002873	3197.26855	3273.44971
3539.0	0.0002873	3197.12012	3275.58032
3470.0	0.0002873	3196.97412	3277.88135
3457.0	0.0002873	3196.83105	3280.36011
3556.0	0.0002778	3196.69019	3283.03955
3373.0	0.0002973	3196.55249	3285.93286
3370.0	0.0002973	3196.41699	3289.07349
3471.0	0.0002873	3196.28442	3292.48633
3262.0	0.0003078	3196.15454	3296.19849
3525.0	0.0002873	3196.02710	3300.26611
3374.0	0.0002973	3195.90259	3304.73242
3678.0	0.0002687	3195.78052	3309.67920
3454.0	0.0002873	3195.66138	3315.17993
3607.0	0.0002778	3195.54468	3321.36011
3579.0	0.0002778	3195.43066	3328.34546
3541.0	0.0002778	3195.31958	3336.32861
3530.0	0.0002873	3195.21069	3345.54712
3683.0	0.0002687	3195.10474	3356.24243
3523.0	0.0002873	3195.00171	3368.80005
3631.0	0.0002778	3194.90112	3383.60229
3774.0	0.0002687	3194.80322	3401.19116
3522.0	0.0002873	3194.70801	3422.10474
3838.0	0.0002601	3194.61523	3447.08130
3747.0	0.0002687	3194.52563	3476.81128

3783.0	0.0002601	3194.43848	3512.19775
3762.0	0.0002687	3194.35376	3554.19238
4002.0	0.0002520	3194.27197	3603.56470
3908.0	0.0002520	3194.19263	3661.43555
4214.0	0.0002367	3194.11646	3728.52051
4180.0	0.0002367	3194.04248	3805.82227
4198.0	0.0002367	3193.97144	3893.74829
4356.0	0.0002296	3193.90308	3992.98560
4425.0	0.0002228	3193.83740	4103.36719
4538.0	0.0002228	3193.77417	4225.00488
4713.0	0.0002100	3193.71387	4356.88232
4792.0	0.0002100	3193.65625	4498.25781
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5010.0	0.0001984	3193.54883	4801.18750
5307.0	0.0001877	3193.49902	4957.54199
5357.0	0.0001877	3193.45215	5111.94531
5365.0	0.0001877	3193.40771	5260.15479
5714.0	0.0001731	3193.36621	5396.23779
5754.0	0.0001731	3193.32715	5514.52832
5613.0	0.0001778	3193.29102	5608.47070
5920.0	0.0001687	3193.25732	5672.68262
5642.0	0.0001778	3193.22632	5702.72021
5758.0	0.0001731	3193.19824	5696.49072
5369.0	0.0001877	3193.17285	5654.41797
5477.0	0.0001826	3193.14990	5579.54492
5507.0	0.0001826	3193.12964	5476.48438
5088.0	0.0001984	3193.11206	5351.47510
5015.0	0.0001984	3193.09717	5210.37158
4876.0	0.0002041	3193.08496	5059.50244
4603.0	0.0002163	3193.07544	4903.77832
4648.0	0.0002163	3193.06860	4747.50146
4241.0	0.0002367	3193.06445	4594.85254
4530.0	0.0002228	3193.06274	4448.07666
4136.0	0.0002441	3193.06396	4309.74121
4073.0	0.0002441	3193.06763	4180.93652
3864.0	0.0002601	3193.07397	4063.01953
4039.0	0.0002441	3193.08325	3956.13257
3960.0	0.0002520	3193.09497	3860.69165
3746.0	0.0002687	3193.10938	3776.17114
3965.0	0.0002520	3193.12646	3702.32373
3835.0	0.0002601	3193.14600	3638.22339
3815.0	0.0002601	3193.16846	3583.15283
3660.0	0.0002687	3193.19336	3536.25830
3600.0	0.0002778	3193.22095	3496.45728
3633.0	0.0002778	3193.25122	3462.93945
3745.0	0.0002687	3193.28418	3434.71802
3304.0	0.0003078	3193.31958	3411.06226
3650.0	0.0002778	3193.35767	3391.16357
3716.0	0.0002687	3193.39868	3374.43530
3737.0	0.0002687	3193.44189	3360.26758
3571.0	0.0002778	3193.48804	3348.21655
3598.0	0.0002778	3193.53662	3337.89941
3461.0	0.0002873	3193.58789	3328.96533
3505.0	0.0002873	3193.64185	3321.17773

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3598.0	0.0002778	3193.75757	3308.20825
3587.0	0.0002778	3193.81934	3302.72925
3597.0	0.0002778	3193.88354	3297.78418
3441.0	0.0002873	3193.95044	3293.28271
3497.0	0.0002873	3194.02002	3289.15796
3407.0	0.0002973	3194.09229	3285.37256
3512.0	0.0002873	3194.16699	3281.87329
3428.0	0.0002873	3194.24414	3278.63770
3475.0	0.0002873	3194.32397	3275.62744
3389.0	0.0002973	3194.40649	3272.83008
3312.0	0.0002973	3194.49146	3270.21753
3420.0	0.0002973	3194.57910	3267.78271
3322.0	0.0002973	3194.66919	3265.50171
3432.0	0.0002873	3194.76196	3263.37036
3208.0	0.0003078	3194.85742	3261.37109
3422.0	0.0002973	3194.95532	3259.49561
3494.0	0.0002873	3195.05542	3257.73779
3357.0	0.0002973	3195.15869	3256.08667
3375.0	0.0002973	3195.26416	3254.53589
3381.0	0.0002973	3195.37207	3253.07617
3218.0	0.0003078	3195.48267	3251.70483
3505.0	0.0002873	3195.59570	3250.41260
3294.0	0.0003078	3195.71143	3249.19946
3298.0	0.0003078	3195.82959	3248.05493
3095.0	0.0003189	3195.95020	3246.97729
3309.0	0.0002973	3196.07349	3245.96313
3325.0	0.0002973	3196.19922	3245.00806
3285.0	0.0003078	3196.32715	3244.10889
3444.0	0.0002873	3196.45801	3243.26025
3156.0	0.0003189	3196.59106	3242.46313
3321.0	0.0002973	3196.72705	3241.71069
3449.0	0.0002873	3196.86499	3241.00439
3401.0	0.0002973	3197.00562	3240.33936
3361.0	0.0002973	3197.14893	3239.71216
3401.0	0.0002973	3197.29443	3239.12524
3274.0	0.0003078	3197.44263	3238.57153
3465.0	0.0002873	3197.59302	3238.05371
3309.0	0.0002973	3197.74585	3237.56689
3603.0	0.0002778	3197.90112	3237.11108
3238.0	0.0003078	3198.05908	3236.68579
3298.0	0.0003078	3198.21924	3236.28784
3404.0	0.0002973	3198.38208	3235.91602
3508.0	0.0002873	3198.54736	3235.57031
3366.0	0.0002973	3198.71484	3235.24902
3198.0	0.0003078	3198.88501	3234.95190
3421.0	0.0002973	3199.05737	3234.67700
3335.0	0.0002973	3199.23218	3234.42188
3258.0	0.0003078	3199.40918	3234.18970
3416.0	0.0002973	3199.58887	3233.97583
3221.0	0.0003078	3199.77075	3233.78369
3383.0	0.0002973	3199.95532	3233.60791
3272.0	0.0003078	3200.14160	3233.44971
3255.0	0.0003078	3200.33081	3233.50293

3185.0	0.0003189	3200.52271	3233.37891
3437.0	0.0002873	3200.71606	3233.27222
3248.0	0.0003078	3200.91235	3233.18042
3515.0	0.0002873	3201.11084	3233.10449
3353.0	0.0002973	3201.31177	3233.04272
3277.0	0.0003078	3201.51465	3232.99536
3296.0	0.0003078	3201.72021	3233.39746
3546.0	0.0002778	3201.92773	3233.37842
3326.0	0.0002973	3202.13794	3233.37158
3467.0	0.0002873	3202.35059	3233.37744
3305.0	0.0003078	3202.56519	3233.39624
3380.0	0.0002973	3202.78223	3233.42603
3342.0	0.0002973	3203.00122	3233.46753
3270.0	0.0003078	3203.22290	3233.52197
3370.0	0.0002973	3203.44653	3233.58545
3212.0	0.0003078	3203.67285	3233.66089
3216.0	0.0003078	3203.90088	3233.74707
3411.0	0.0002973	3204.13135	3233.84277
3263.0	0.0003078	3204.36450	3233.94897
3509.0	0.0002873	3204.59937	3234.06543
3419.0	0.0002973	3204.83667	3234.19189
3572.0	0.0002778	3205.07593	3234.32739
3278.0	0.0003078	3205.31763	3234.47119
3556.0	0.0002778	3205.56152	3234.62671
3390.0	0.0002973	3205.80762	3234.79028
3449.0	0.0002873	3206.05566	3234.96338
3524.0	0.0002873	3206.30615	3235.14429
3420.0	0.0002973	3206.55859	3235.33521
3261.0	0.0003078	3206.81348	3235.53442
3137.0	0.0003189	3207.07056	3235.74243
3135.0	0.0003189	3207.32935	3235.95825
3319.0	0.0002973	3207.59082	3236.18384
3420.0	0.0002973	3207.85376	3236.41528
3302.0	0.0003078	3208.11938	3236.65674
3299.0	0.0003078	3208.38672	3236.90601
3431.0	0.0002873	3208.65649	3237.16479
3523.0	0.0002873	3208.92773	3237.42944
3440.0	0.0002873	3209.20190	3237.70410
3331.0	0.0002973	3209.47803	3237.98657
3388.0	0.0002973	3209.75586	3238.27637
3382.0	0.0002973	3210.03589	3238.57471
3277.0	0.0003078	3210.31787	3238.88110
3235.0	0.0003078	3210.60205	3239.19580
3299.0	0.0003078	3210.88794	3239.51807
3369.0	0.0002973	3211.17627	3239.84937
3299.0	0.0003078	3211.46631	3240.18799
3267.0	0.0003078	3211.75854	3240.53442
3360.0	0.0002973	3212.05298	3240.89038
3423.0	0.0002873	3212.34912	3241.25342
3337.0	0.0002973	3212.64746	3241.62598
3174.0	0.0003189	3212.94751	3242.00586
3231.0	0.0003078	3213.25000	3242.39551
3296.0	0.0003078	3213.55371	3242.79248
3168.0	0.0003189	3213.85986	3243.19946

3175.0	0.0003189	3214.16772	3243.61450
3266.0	0.0003078	3214.47778	3244.03857
3253.0	0.0003078	3214.78931	3244.47119
3286.0	0.0003078	3215.10327	3244.91504
3336.0	0.0002973	3215.41895	3245.36719
3293.0	0.0003078	3215.73633	3245.82861
3326.0	0.0002973	3216.05591	3246.29980
3419.0	0.0002973	3216.37695	3246.78174
3377.0	0.0002973	3216.70020	3247.27417
3275.0	0.0003078	3217.02490	3247.77759
3259.0	0.0003078	3217.35205	3248.29199
3405.0	0.0002973	3217.68042	3248.81616
3411.0	0.0002973	3218.01123	3249.35425
3246.0	0.0003078	3218.34375	3249.90308
3360.0	0.0002973	3218.67749	3250.46484
3453.0	0.0002873	3219.01343	3251.04004
3257.0	0.0003078	3219.35083	3251.62695
3174.0	0.0003189	3219.69067	3252.22925
3299.0	0.0003078	3220.03174	3252.84790
3468.0	0.0002873	3220.37476	3253.48047
3432.0	0.0002873	3220.71924	3254.12939
3289.0	0.0003078	3221.06567	3254.79541
3263.0	0.0003078	3221.41431	3255.48071
3225.0	0.0003078	3221.76416	3254.25635
3226.0	0.0003078	3222.11597	3254.98608
3406.0	0.0002973	3222.46899	3255.73706
3423.0	0.0002873	3222.82422	3256.51172
3304.0	0.0003078	3223.18066	3257.31177
3438.0	0.0002873	3223.53906	3258.13843
3471.0	0.0002873	3223.89868	3258.99487
3275.0	0.0003078	3224.26074	3259.88232
3267.0	0.0003078	3224.62354	3260.80347
3351.0	0.0002973	3224.98853	3261.76245
3354.0	0.0002973	3225.35547	3262.76074
3334.0	0.0002973	3225.72314	3263.80029
3296.0	0.0003078	3226.09302	3264.88696
3254.0	0.0003078	3226.46387	3266.02222
3298.0	0.0003078	3226.83691	3267.21338
3358.0	0.0002973	3227.21094	3268.45996
3319.0	0.0002973	3227.58716	3269.76978
3246.0	0.0003078	3227.96411	3271.14453
3233.0	0.0003078	3228.34351	3272.59375
3324.0	0.0002973	3228.72412	3274.34888
3410.0	0.0002973	3229.10571	3275.95361
3403.0	0.0002973	3229.48950	3277.64819
3308.0	0.0002973	3229.87451	3279.43140
3326.0	0.0002973	3230.26074	3281.31445
3448.0	0.0002873	3230.64868	3283.29736
3423.0	0.0002873	3231.03784	3285.38940
3339.0	0.0002973	3231.42847	3287.59131
3287.0	0.0003078	3231.82056	3289.90918
3204.0	0.0003078	3232.21460	3292.35205
3260.0	0.0003078	3232.60938	3294.91113
3458.0	0.0002873	3233.00610	3297.60181

3360.0	0.0002973	3233.40332	3300.41406
3213.0	0.0003078	3233.80298	3303.35864
3325.0	0.0002973	3234.20288	3306.42505
3215.0	0.0003078	3234.60498	3309.61914
3083.0	0.0003189	3235.00781	3312.92554
3343.0	0.0002973	3235.41235	3316.34204
3420.0	0.0002973	3235.81860	3319.86304
3265.0	0.0003078	3236.22534	3323.45752
3319.0	0.0002973	3236.63403	3327.11816
3492.0	0.0002873	3237.04297	3330.80786
3552.0	0.0002778	3237.45435	3334.50903
3358.0	0.0002973	3237.86597	3338.17188
3270.0	0.0003078	3238.27979	3341.76636
3391.0	0.0002973	3238.69385	3345.23169
3346.0	0.0002973	3239.11011	3348.52905
3238.0	0.0003078	3239.52686	3351.59497
3226.0	0.0003078	3239.94531	3354.38574
3227.0	0.0003078	3240.36499	3356.84790
3286.0	0.0003078	3240.78491	3358.93921
3446.0	0.0002873	3241.20703	3360.63501
3571.0	0.0002778	3241.62988	3361.91187
3568.0	0.0002778	3242.05371	3362.77148
3435.0	0.0002873	3242.47876	3363.22534
3314.0	0.0002973	3242.90503	3363.30054
3332.0	0.0002973	3243.33203	3363.03833
3499.0	0.0002873	3243.76025	3362.48730
3537.0	0.0002873	3244.19067	3361.70117
3393.0	0.0002973	3244.62061	3360.73901
3267.0	0.0003078	3245.05249	3359.66113
3206.0	0.0003078	3245.48462	3358.52368
3205.0	0.0003078	3245.91870	3357.37866
3246.0	0.0003078	3246.35278	3356.27686
3272.0	0.0003078	3246.78882	3355.26099
3269.0	0.0003078	3247.22485	3354.37500
3308.0	0.0002973	3247.66260	3353.65771
3376.0	0.0002973	3248.10156	3353.14526
3406.0	0.0002973	3248.54053	3352.87646
3319.0	0.0002973	3248.98145	3352.89233
3227.0	0.0003078	3249.42236	3353.23462
3269.0	0.0003078	3249.86475	3353.95508
3380.0	0.0002973	3250.30762	3355.10938
3446.0	0.0002873	3250.75195	3356.76978
3395.0	0.0002973	3251.19629	3359.01172
3329.0	0.0002973	3251.64233	3361.93652
3340.0	0.0002973	3252.08887	3365.64771
3436.0	0.0002873	3252.53638	3370.27979
3453.0	0.0002873	3252.98486	3375.97534
3433.0	0.0002873	3253.43384	3382.88086
3599.0	0.0002778	3253.88379	3391.19165
3698.0	0.0002687	3254.33423	3402.01147
3542.0	0.0002778	3254.78589	3413.67017
3289.0	0.0003078	3255.23755	3427.25977
3360.0	0.0002973	3255.69092	3443.00098
3725.0	0.0002687	3256.14404	3461.71606

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3293.0	0.0003078	3257.05420	3505.09741
3477.0	0.0002873	3257.50952	3530.52295
3516.0	0.0002873	3257.96631	3558.47095
3408.0	0.0002973	3258.42285	3588.73657
3467.0	0.0002873	3258.88086	3621.19873
3554.0	0.0002778	3259.33887	3655.43823
3633.0	0.0002778	3259.79834	3691.11377
3753.0	0.0002687	3260.25732	3727.53467
3759.0	0.0002687	3260.71777	3764.04639
3728.0	0.0002687	3261.17920	3799.76563
3890.0	0.0002601	3261.64014	3833.48657
3912.0	0.0002520	3262.10254	3864.11792
3745.0	0.0002687	3262.56445	3890.26465
3776.0	0.0002687	3263.02808	3910.72461
3796.0	0.0002601	3263.49121	3924.32715
3692.0	0.0002687	3263.95581	3930.34863
3779.0	0.0002687	3264.42017	3928.44849
3809.0	0.0002601	3264.88525	3918.84839
3644.0	0.0002778	3265.35059	3902.28198
3809.0	0.0002601	3265.81714	3879.76831
3978.0	0.0002520	3266.28369	3852.59814
3709.0	0.0002687	3266.75049	3822.14185
3560.0	0.0002778	3267.21777	3789.55444
3654.0	0.0002778	3267.68530	3756.04541
3736.0	0.0002687	3268.15381	3722.45898
3697.0	0.0002687	3268.62183	3689.66870
3680.0	0.0002687	3269.09106	3658.19434
3867.0	0.0002601	3269.55981	3628.60205
3809.0	0.0002601	3270.02979	3601.36304
3466.0	0.0002873	3270.50024	3576.33105
3344.0	0.0002973	3270.96973	3553.88794
3477.0	0.0002873	3271.44067	3534.01831
3631.0	0.0002778	3271.91113	3516.76099
3511.0	0.0002873	3272.38257	3501.98413
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3442.0	0.0002873	3273.79688	3471.26831
3408.0	0.0002973	3274.26904	3464.92383
3589.0	0.0002778	3274.74194	3460.17188
3484.0	0.0002873	3275.21387	3456.80664
3339.0	0.0002973	3275.68701	3454.59814
3579.0	0.0002778	3276.15942	3453.34009
3644.0	0.0002778	3276.63281	3452.82520
3459.0	0.0002873	3277.10571	3452.86060
3387.0	0.0002973	3277.57886	3453.26318
3463.0	0.0002873	3278.05225	3453.86621
3577.0	0.0002778	3278.52588	3454.52148
3596.0	0.0002778	3278.99927	3455.10181
3577.0	0.0002778	3279.47314	3455.50806
3540.0	0.0002873	3279.94702	3455.66699
3436.0	0.0002873	3280.42065	3455.64746
3475.0	0.0002873	3280.89478	3455.21680
3674.0	0.0002687	3281.36816	3454.50024

3658.0	0.0002778	3281.84253	3453.52881
3531.0	0.0002873	3282.31592	3452.35718
3483.0	0.0002873	3282.79004	3451.17554
3413.0	0.0002973	3283.26343	3449.77539
3365.0	0.0002973	3283.73755	3448.34839
3407.0	0.0002973	3284.21167	3446.95020
3428.0	0.0002873	3284.68481	3445.63306
3428.0	0.0002873	3285.15894	3444.43262
3458.0	0.0002873	3285.63184	3443.38770
3402.0	0.0002973	3286.10547	3442.52124
3333.0	0.0002973	3286.57837	3441.85669
3437.0	0.0002873	3287.05200	3441.41089
3542.0	0.0002778	3287.52466	3441.19629
3515.0	0.0002873	3287.99731	3441.22095
3391.0	0.0002973	3288.47070	3441.49292
3280.0	0.0003078	3288.94287	3442.01440
3313.0	0.0002973	3289.41528	3442.79028
3554.0	0.0002778	3289.88696	3443.81982
3628.0	0.0002778	3290.35913	3445.10620
3389.0	0.0002973	3290.83057	3446.64648
3359.0	0.0002973	3291.30200	3448.44409
3513.0	0.0002873	3291.77295	3450.49512
3575.0	0.0002778	3292.24365	3452.80371
3462.0	0.0002873	3292.71484	3455.37061
3391.0	0.0002973	3293.18481	3458.19019
3554.0	0.0002778	3293.65503	3461.27441
3592.0	0.0002778	3294.12427	3464.72217
3482.0	0.0002873	3294.59375	3468.33911
3483.0	0.0002873	3295.06226	3472.22583
3560.0	0.0002778	3295.53101	3476.40308
3560.0	0.0002778	3295.99878	3480.86841
3376.0	0.0002973	3296.46704	3485.65039
3315.0	0.0002973	3296.93384	3490.74927
3447.0	0.0002873	3297.40112	3496.20093
3448.0	0.0002873	3297.86792	3502.02002
3408.0	0.0002973	3298.33325	3508.22363
3454.0	0.0002873	3298.79932	3514.86133
3512.0	0.0002873	3299.26416	3521.94824
3548.0	0.0002778	3299.72900	3529.54541
3555.0	0.0002778	3300.19263	3537.67383
3536.0	0.0002873	3300.65649	3546.40869
3487.0	0.0002873	3301.11938	3555.77881
3430.0	0.0002873	3301.58203	3565.86768
3441.0	0.0002873	3302.04468	3576.75146
3475.0	0.0002873	3302.50562	3588.46167
3453.0	0.0002873	3302.96680	3601.12061
3506.0	0.0002873	3303.42700	3614.77563
3571.0	0.0002778	3303.88672	3629.55664
3488.0	0.0002873	3304.34570	3645.51465
3545.0	0.0002778	3304.80444	3662.79639
3786.0	0.0002601	3305.26196	3681.45166
3897.0	0.0002601	3305.71875	3701.62622
3876.0	0.0002601	3306.17603	3723.44312
3791.0	0.0002601	3306.63159	3746.92554

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3699.0	0.0002687	3307.99512	3828.72925
3832.0	0.0002601	3308.44775	3860.03101
3864.0	0.0002601	3308.90039	3893.53882
3772.0	0.0002687	3309.35156	3929.21021
3823.0	0.0002601	3309.80249	3967.18848
3956.0	0.0002520	3310.25220	4007.37329
3968.0	0.0002520	3310.70166	4049.86865
3973.0	0.0002520	3311.15039	4094.56177
4018.0	0.0002520	3311.59766	4141.28760
4073.0	0.0002441	3312.04443	4190.03564
4184.0	0.0002367	3312.48999	4240.44727
4340.0	0.0002296	3312.93555	4292.38721
4449.0	0.0002228	3313.37915	4345.32227
4465.0	0.0002228	3313.82300	4398.94580
4551.0	0.0002228	3314.26514	4452.52783
4632.0	0.0002163	3314.70679	4505.55762
4447.0	0.0002228	3315.14771	4557.20361
4730.0	0.0002100	3315.58740	4606.57666
4681.0	0.0002163	3316.02612	4652.99219
4782.0	0.0002100	3316.46387	4695.57813
4817.0	0.0002100	3316.90063	4733.63037
5313.0	0.0001877	3317.33643	4766.55371
4902.0	0.0002041	3317.77173	4794.11621
5163.0	0.0001929	3318.20508	4816.14160
4793.0	0.0002100	3318.63794	4832.84521
5182.0	0.0001929	3319.07056	4844.59863
4944.0	0.0002041	3319.50098	4851.91650
4845.0	0.0002041	3319.93115	4855.49365
5143.0	0.0001929	3320.35962	4856.02539
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5241.0	0.0001929	3321.21387	4850.64160
5040.0	0.0001984	3321.63965	4845.85205
5151.0	0.0001929	3322.06372	4840.23926
5257.0	0.0001877	3322.48730	4834.04248
5211.0	0.0001929	3322.90894	4827.42383
5342.0	0.0001877	3323.33032	4820.38086
5226.0	0.0001929	3323.75049	4812.84912
5357.0	0.0001877	3324.16895	4804.68359
5154.0	0.0001929	3324.58667	4795.64648
5013.0	0.0001984	3325.00269	4785.51807
5048.0	0.0001984	3325.41821	4774.00244
4828.0	0.0002100	3325.83203	4760.87402
5181.0	0.0001929	3326.24487	4745.85986
4943.0	0.0002041	3326.65625	4728.81152
5028.0	0.0001984	3327.06665	4709.53955
4918.0	0.0002041	3327.47583	4687.98828
5124.0	0.0001929	3327.88354	4664.18701
4865.0	0.0002041	3328.29004	4638.11963
4824.0	0.0002100	3328.69507	4609.98193
4666.0	0.0002163	3329.09937	4579.86475
4621.0	0.0002163	3329.50146	4548.07715
4753.0	0.0002100	3329.90308	4514.77686

4863.0	0.0002041	3330.30273	4480.33838
4674.0	0.0002163	3330.70142	4444.96875
4397.0	0.0002296	3331.09912	4408.92090
4423.0	0.0002228	3331.49463	4372.60449
4599.0	0.0002163	3331.88940	4336.13916
4294.0	0.0002296	3332.28223	4299.86865
4468.0	0.0002228	3332.67432	4263.88965
4380.0	0.0002296	3333.06421	4228.49463
4336.0	0.0002296	3333.45361	4193.72607
4285.0	0.0002367	3333.84058	4159.81934
4294.0	0.0002296	3334.22681	4126.80029
4132.0	0.0002441	3334.61182	4094.72485
3943.0	0.0002520	3334.99463	4063.77539
4065.0	0.0002441	3335.37646	4033.87573
4047.0	0.0002441	3335.75659	4005.14526
3989.0	0.0002520	3336.13550	3977.51099
4059.0	0.0002441	3336.51221	3951.06055
3930.0	0.0002520	3336.88818	3925.71094
4063.0	0.0002441	3337.26221	3901.52490
3910.0	0.0002520	3337.63501	3878.41089
3796.0	0.0002601	3338.00586	3856.41577
3860.0	0.0002601	3338.37573	3835.44824
3999.0	0.0002520	3338.74390	3815.50952
3839.0	0.0002601	3339.10986	3796.59741
3890.0	0.0002601	3339.47510	3778.62183
3849.0	0.0002601	3339.83813	3761.60010
3683.0	0.0002687	3340.19995	3745.44580
3873.0	0.0002601	3340.55957	3730.17358
3857.0	0.0002601	3340.91821	3715.69800
3694.0	0.0002687	3341.27466	3702.02979
3626.0	0.0002778	3341.62964	3689.10010
3665.0	0.0002687	3341.98364	3676.86768
3493.0	0.0002873	3342.33521	3665.34204
3598.0	0.0002778	3342.68555	3654.44531
3705.0	0.0002687	3343.03369	3644.17920
3681.0	0.0002687	3343.38062	3634.47852
3792.0	0.0002601	3343.72534	3625.34424
3622.0	0.0002778	3344.06885	3616.71704
3549.0	0.0002778	3344.41016	3608.59619
3631.0	0.0002778	3344.75024	3600.93481
3519.0	0.0002873	3345.08862	3593.70239
3646.0	0.0002778	3345.42480	3586.89893
3528.0	0.0002873	3345.75977	3580.47778
3702.0	0.0002687	3346.09229	3574.43481
3401.0	0.0002973	3346.42358	3568.72900
3640.0	0.0002778	3346.75293	3563.35742
3556.0	0.0002778	3347.08032	3558.28687
3570.0	0.0002778	3347.40601	3553.51343
3645.0	0.0002778	3347.73022	3549.00659
3378.0	0.0002973	3348.05200	3544.76196
3342.0	0.0002973	3348.37231	3540.75366
3454.0	0.0002873	3348.69092	3536.97485
3513.0	0.0002873	3349.00732	3533.41797
3567.0	0.0002778	3349.32227	3530.05811

3311.0	0.0002973	3349.63477	3526.89673
3305.0	0.0003078	3349.94604	3523.91382
3544.0	0.0002778	3350.25488	3521.10571
3321.0	0.0002973	3350.56226	3518.45923
3503.0	0.0002873	3350.86719	3515.97046
3464.0	0.0002873	3351.17065	3513.62842
3270.0	0.0003078	3351.47266	3511.42480
3397.0	0.0002973	3351.77197	3509.35913
3429.0	0.0002873	3352.06982	3507.42017
3433.0	0.0002873	3352.36523	3505.60620
3483.0	0.0002873	3352.65918	3503.90771
3325.0	0.0002973	3352.95068	3502.32446
3347.0	0.0002973	3353.24072	3500.84912
3566.0	0.0002778	3353.52832	3499.48169
3163.0	0.0003189	3353.81421	3498.21411
3335.0	0.0002973	3354.09839	3497.04346
3344.0	0.0002973	3354.38013	3495.97266
3526.0	0.0002873	3354.66016	3494.99365
3408.0	0.0002973	3354.93799	3494.10791
3245.0	0.0003078	3355.21387	3493.30981
3422.0	0.0002973	3355.48755	3492.50073
3428.0	0.0002873	3355.75928	3491.87744
3479.0	0.0002873	3356.02905	3491.34253
3289.0	0.0003078	3356.29712	3490.89185
3469.0	0.0002873	3356.56250	3490.52539
3407.0	0.0002973	3356.82617	3490.52979
3444.0	0.0002873	3357.08789	3490.33130
3543.0	0.0002778	3357.34717	3490.21802
3486.0	0.0002873	3357.60474	3490.18896
3373.0	0.0002973	3357.85962	3490.24658
3323.0	0.0002973	3358.11304	3490.39087
3445.0	0.0002873	3358.36377	3490.62158
3526.0	0.0002873	3358.61304	3490.94360
3307.0	0.0002973	3358.85962	3491.35547
3581.0	0.0002778	3359.10449	3491.86182
3454.0	0.0002873	3359.34717	3492.46558
3461.0	0.0002873	3359.58740	3493.16675
3274.0	0.0003078	3359.82593	3493.97021
3511.0	0.0002873	3360.06177	3494.87744
3277.0	0.0003078	3360.29590	3495.89404
3463.0	0.0002873	3360.52759	3497.02271
3404.0	0.0002973	3360.75732	3498.26807
3616.0	0.0002778	3360.98462	3499.63306
3331.0	0.0002973	3361.20996	3501.12280
3635.0	0.0002778	3361.43335	3502.74438
3413.0	0.0002973	3361.65405	3504.49731
3328.0	0.0002973	3361.87280	3506.39160
3339.0	0.0002973	3362.08911	3508.42725
3668.0	0.0002687	3362.30347	3510.61572
3262.0	0.0003078	3362.51538	3512.95532
3361.0	0.0002973	3362.72534	3515.45825
3491.0	0.0002873	3362.93286	3518.12256
3431.0	0.0002873	3363.13843	3520.96045
3390.0	0.0002973	3363.34131	3523.96924

3400.0	0.0002973	3363.54224	3527.16211
3515.0	0.0002873	3363.74097	3530.53857
3537.0	0.0002873	3363.93701	3534.09473
3487.0	0.0002873	3364.13135	3537.84668
3586.0	0.0002778	3364.32300	3541.78320
3449.0	0.0002873	3364.51270	3545.91699
3173.0	0.0003189	3364.69971	3550.23364
3523.0	0.0002873	3364.88477	3554.74243
3457.0	0.0002873	3365.06738	3559.42627
3477.0	0.0002873	3365.24780	3564.28931
3484.0	0.0002873	3365.42603	3569.31519
3544.0	0.0002778	3365.60156	3574.48071
3518.0	0.0002873	3365.77515	3579.78516
3543.0	0.0002778	3365.94629	3585.19141
3509.0	0.0002873	3366.11523	3590.69409
3621.0	0.0002778	3366.28149	3596.25146
3566.0	0.0002778	3366.44580	3601.85278
3585.0	0.0002778	3366.60742	3607.45703
3458.0	0.0002873	3366.76685	3613.05029
3443.0	0.0002873	3366.92432	3618.61792
3582.0	0.0002778	3367.07910	3624.12378
3556.0	0.0002778	3367.23145	3629.57935
3740.0	0.0002687	3367.38159	3634.96924
3697.0	0.0002687	3367.52930	3640.31934
3442.0	0.0002873	3367.67456	3645.63257
3638.0	0.0002778	3367.81763	3650.95117
3679.0	0.0002687	3367.95825	3656.29541
3657.0	0.0002778	3368.09644	3661.72021
3742.0	0.0002687	3368.23267	3667.27393
3760.0	0.0002687	3368.36597	3672.98438
3643.0	0.0002778	3368.49731	3678.92554
3392.0	0.0002973	3368.62573	3685.12695
3815.0	0.0002601	3368.75220	3691.65820
3873.0	0.0002601	3368.87598	3698.54688
3702.0	0.0002687	3368.99756	3705.86035
3757.0	0.0002687	3369.11670	3713.62280
3702.0	0.0002687	3369.23340	3721.90234
3662.0	0.0002687	3369.34766	3730.72119
3723.0	0.0002687	3369.45947	3740.15552
3657.0	0.0002778	3369.56909	3750.24341
3802.0	0.0002601	3369.67603	3761.02905
3740.0	0.0002687	3369.78076	3772.60742
3730.0	0.0002687	3369.88281	3785.02246
3800.0	0.0002601	3369.98267	3798.44849
3652.0	0.0002778	3370.08008	3812.84595
3722.0	0.0002687	3370.17505	3828.42822
3841.0	0.0002601	3370.26733	3845.28979
3773.0	0.0002687	3370.35742	3863.63477
3905.0	0.0002601	3370.44531	3883.66870
3808.0	0.0002601	3370.53027	3905.53882
3832.0	0.0002601	3370.61304	3929.57690
4045.0	0.0002441	3370.69336	3955.95605
4182.0	0.0002367	3370.77124	3985.14917
4055.0	0.0002441	3370.84644	4017.37378

4174.0	0.0002367	3370.91943	4053.10107
4170.0	0.0002367	3370.98975	4092.60986
4162.0	0.0002367	3371.05786	4136.38281
4273.0	0.0002367	3371.12329	4184.85938
4299.0	0.0002296	3371.18652	4238.21924
4225.0	0.0002367	3371.24707	4296.98584
4456.0	0.0002228	3371.30518	4361.24512
4404.0	0.0002296	3371.36084	4431.36230
4734.0	0.0002100	3371.41406	4507.18555
4450.0	0.0002228	3371.46484	4588.85205
4841.0	0.0002041	3371.51294	4675.85693
4777.0	0.0002100	3371.55884	4767.99756
4852.0	0.0002041	3371.60205	4864.86426
5249.0	0.0001929	3371.64282	4964.62598
5280.0	0.0001877	3371.68140	5066.40967
5297.0	0.0001877	3371.71729	5168.41309
5449.0	0.0001826	3371.75073	5268.89355
5263.0	0.0001877	3371.78149	5365.08105
5585.0	0.0001778	3371.81006	5454.37549
5620.0	0.0001778	3371.83594	5533.27393
5307.0	0.0001877	3371.85962	5598.58740
5635.0	0.0001778	3371.88037	5646.78418
5737.0	0.0001731	3371.89893	5675.10596
5641.0	0.0001778	3371.91504	5681.47705
5759.0	0.0001731	3371.92871	5665.05713
5410.0	0.0001826	3371.93970	5626.31396
5572.0	0.0001778	3371.94824	5567.13330
5320.0	0.0001877	3371.95435	5490.10449
5204.0	0.0001929	3371.95801	5398.81982
5182.0	0.0001929	3371.95923	5296.58691
5185.0	0.0001929	3371.95776	5187.19336
4939.0	0.0002041	3371.95410	5073.57861
4809.0	0.0002100	3371.94751	4958.42920
4893.0	0.0002041	3371.93896	4844.51855
4555.0	0.0002228	3371.92749	4733.32959
4435.0	0.0002228	3371.91382	4626.70215
4664.0	0.0002163	3371.89771	4525.47168
4417.0	0.0002296	3371.87891	4430.76709
4328.0	0.0002296	3371.85767	4342.84912
4083.0	0.0002441	3371.83398	4262.27783
4276.0	0.0002367	3371.80786	4188.89355
3958.0	0.0002520	3371.77905	4122.82080
4170.0	0.0002367	3371.74805	4063.62622
3980.0	0.0002520	3371.71436	4011.06396
4030.0	0.0002520	3371.67822	3964.77148
3895.0	0.0002601	3371.63965	3924.13086
3826.0	0.0002601	3371.59863	3888.75977
3708.0	0.0002687	3371.55518	3858.04248
3922.0	0.0002520	3371.50928	3831.72119
3943.0	0.0002520	3371.46069	3808.95459
3694.0	0.0002687	3371.40967	3789.52148
3758.0	0.0002687	3371.35645	3772.97046
3851.0	0.0002601	3371.30054	3758.98145
3675.0	0.0002687	3371.24219	3747.27051

3736.0	0.0002687	3371.18140	3737.54321
3628.0	0.0002778	3371.11816	3729.61597
3618.0	0.0002778	3371.05225	3723.29224
3705.0	0.0002687	3370.98413	3718.45874
3812.0	0.0002601	3370.91357	3715.00000
3760.0	0.0002687	3370.84058	3712.86157
3712.0	0.0002687	3370.76489	3712.00146
3688.0	0.0002687	3370.68677	3712.41553
3784.0	0.0002601	3370.60645	3714.11938
3884.0	0.0002601	3370.52344	3717.16748
4011.0	0.0002520	3370.43823	3721.61792
3644.0	0.0002778	3370.35034	3727.57959
3935.0	0.0002520	3370.26025	3735.15332
3741.0	0.0002687	3370.16748	3744.50098
3764.0	0.0002687	3370.07251	3755.75830
3855.0	0.0002601	3369.97485	3769.14136
3701.0	0.0002687	3369.87500	3784.80981
3974.0	0.0002520	3369.77271	3803.02539
3947.0	0.0002520	3369.66772	3823.99316
3904.0	0.0002601	3369.56055	3847.91138
3826.0	0.0002601	3369.45068	3875.08716
3957.0	0.0002520	3369.33862	3905.67017
3849.0	0.0002601	3369.22412	3939.97583
4293.0	0.0002296	3369.10742	3978.10059
4109.0	0.0002441	3368.98804	4020.33691
4174.0	0.0002367	3368.86670	4066.69507
4452.0	0.0002228	3368.74243	4117.40771
4231.0	0.0002367	3368.61572	4172.44092
4272.0	0.0002367	3368.48706	4231.67041
4196.0	0.0002367	3368.35571	4295.15479
4425.0	0.0002228	3368.22217	4362.48242
4552.0	0.0002228	3368.08594	4433.51807
4559.0	0.0002163	3367.94775	4507.56982
4746.0	0.0002100	3367.80688	4584.21533
4765.0	0.0002100	3367.66382	4662.37842
4888.0	0.0002041	3367.51831	4741.18066
4871.0	0.0002041	3367.37036	4819.37354
4804.0	0.0002100	3367.21997	4895.11914
4996.0	0.0001984	3367.06738	4966.93311
4953.0	0.0002041	3366.91260	5032.66846
5242.0	0.0001929	3366.75537	5090.53125
5091.0	0.0001984	3366.59570	5138.45068
5233.0	0.0001929	3366.43359	5174.95605
5351.0	0.0001877	3366.26953	5198.77979
5314.0	0.0001877	3366.10303	5209.45361
5508.0	0.0001826	3365.93384	5207.09277
5246.0	0.0001929	3365.76270	5192.55029
5293.0	0.0001877	3365.58911	5167.18506
5122.0	0.0001929	3365.41309	5132.87500
5011.0	0.0001984	3365.23486	5091.53369
5043.0	0.0001984	3365.05444	5045.33105
4776.0	0.0002100	3364.87158	4996.06592
4770.0	0.0002100	3364.68677	4945.61963
4803.0	0.0002100	3364.49927	4895.31592

4827.0	0.0002100	3364.30981	4846.50537
4495.0	0.0002228	3364.11768	4799.98242
4501.0	0.0002228	3363.92334	4756.50488
4658.0	0.0002163	3363.72729	4716.58057
4524.0	0.0002228	3363.52832	4680.33154
4486.0	0.0002228	3363.32764	4647.91699
4699.0	0.0002100	3363.12427	4619.11377
4466.0	0.0002228	3362.91919	4593.71973
4290.0	0.0002367	3362.71143	4571.22949
4674.0	0.0002163	3362.50171	4551.16064
4420.0	0.0002296	3362.28931	4533.31201
4257.0	0.0002367	3362.07471	4515.98096
4410.0	0.0002296	3361.85864	4498.98584
4396.0	0.0002296	3361.63965	4481.54980
4389.0	0.0002296	3361.41895	4463.08057
4418.0	0.0002296	3361.19556	4442.98145
4341.0	0.0002296	3360.97046	4420.91602
4408.0	0.0002296	3360.74268	4396.58008
4557.0	0.0002163	3360.51318	4369.97656
4348.0	0.0002296	3360.28149	4341.13525
4411.0	0.0002296	3360.04712	4310.24121
4284.0	0.0002367	3359.81104	4277.72705
4382.0	0.0002296	3359.57275	4243.84912
4306.0	0.0002296	3359.33252	4209.11523
4157.0	0.0002441	3359.08960	4173.82422
4136.0	0.0002441	3358.84497	4138.46289
4191.0	0.0002367	3358.59790	4103.26904
4190.0	0.0002367	3358.34937	4068.64600
4085.0	0.0002441	3358.09814	4034.73853
4270.0	0.0002367	3357.84521	4001.85059
3949.0	0.0002520	3357.58960	3970.04053
4054.0	0.0002441	3357.33228	3939.47754
3856.0	0.0002601	3357.07300	3910.29126
4185.0	0.0002367	3356.81128	3882.44995
3927.0	0.0002520	3356.54810	3856.07056
4069.0	0.0002441	3356.28223	3831.08740
3772.0	0.0002687	3356.01465	3807.57129
3629.0	0.0002778	3355.74487	3785.43677
3665.0	0.0002687	3355.47339	3764.72095
3733.0	0.0002687	3355.19946	3745.34180
3692.0	0.0002687	3354.92334	3727.24585
3666.0	0.0002687	3354.64575	3710.45093
3678.0	0.0002687	3354.36572	3694.84033
3480.0	0.0002873	3354.08423	3680.40601
3384.0	0.0002973	3353.80005	3667.04468
3493.0	0.0002873	3353.51440	3654.73975
3423.0	0.0002873	3353.22656	3643.39429
3553.0	0.0002778	3352.93677	3632.98218
3594.0	0.0002778	3352.64526	3623.42163
3470.0	0.0002873	3352.35132	3614.65259
3484.0	0.0002873	3352.05566	3606.65039
3468.0	0.0002873	3351.75806	3599.33350
3394.0	0.0002973	3351.45874	3592.67358
3405.0	0.0002973	3351.15723	3586.60522

3375.0	0.0002973	3350.85425	3581.10205
3307.0	0.0002973	3350.54883	3576.10742
3383.0	0.0002973	3350.24194	3571.59985
3475.0	0.0002873	3349.93286	3567.53369
3479.0	0.0002873	3349.62231	3563.88965
3474.0	0.0002873	3349.30933	3560.63037
3422.0	0.0002973	3348.99438	3557.73999
3350.0	0.0002973	3348.67847	3555.19971
3461.0	0.0002873	3348.35986	3552.98975
3569.0	0.0002778	3348.04004	3551.10010
3468.0	0.0002873	3347.71802	3549.51733
3408.0	0.0002973	3347.39453	3548.23926
3451.0	0.0002873	3347.06860	3547.25928
3492.0	0.0002873	3346.74170	3546.58154
3440.0	0.0002873	3346.41235	3546.20605
3354.0	0.0002973	3346.08105	3546.14404
3363.0	0.0002973	3345.74878	3546.40430
3397.0	0.0002973	3345.41406	3547.00415
3398.0	0.0002973	3345.07813	3547.96045
3371.0	0.0002973	3344.73999	3549.29663
3336.0	0.0002973	3344.40039	3551.03711
3331.0	0.0002973	3344.05884	3553.21802
3391.0	0.0002973	3343.71606	3555.86597
3420.0	0.0002973	3343.37134	3559.02515
3377.0	0.0002973	3343.02441	3562.74023
3383.0	0.0002973	3342.67651	3567.04053
3398.0	0.0002973	3342.32617	3571.98877
3342.0	0.0002973	3341.97510	3577.61719
3239.0	0.0003078	3341.62158	3583.99292
3268.0	0.0003078	3341.26709	3591.14453
3512.0	0.0002873	3340.91016	3599.14111
3608.0	0.0002778	3340.55249	3608.00488
3520.0	0.0002873	3340.19263	3617.80273
3466.0	0.0002873	3339.83154	3628.54126
3469.0	0.0002873	3339.46851	3640.28003
3533.0	0.0002873	3339.10352	3653.02563
3652.0	0.0002778	3338.73779	3666.76343
3722.0	0.0002687	3338.36987	3681.53149
3691.0	0.0002687	3338.00098	3697.26147
3607.0	0.0002778	3337.63013	3713.96240
3581.0	0.0002778	3337.25806	3731.51807
3640.0	0.0002778	3336.88403	3749.89136
3679.0	0.0002687	3336.50879	3768.90137
3738.0	0.0002687	3336.13184	3788.44189
3827.0	0.0002601	3335.75317	3808.27686
3800.0	0.0002601	3335.37354	3828.11719
3797.0	0.0002601	3334.99219	3847.71509
3937.0	0.0002520	3334.60962	3866.64673
3934.0	0.0002520	3334.22510	3884.56396
3827.0	0.0002601	3333.83984	3900.97217
3848.0	0.0002601	3333.45239	3915.47314
3991.0	0.0002520	3333.06421	3927.59790
4117.0	0.0002441	3332.67432	3937.01514
4082.0	0.0002441	3332.28223	3943.58862

3996.0	0.0002520	3331.89014	3946.88550
3956.0	0.0002520	3331.49561	3947.06152
3961.0	0.0002520	3331.10034	3944.26636
3954.0	0.0002520	3330.70337	3938.77051
3896.0	0.0002601	3330.30566	3931.00244
3792.0	0.0002601	3329.90576	3921.30078
3704.0	0.0002687	3329.50537	3910.19287
3691.0	0.0002687	3329.10303	3898.28516
3767.0	0.0002687	3328.69922	3885.63306
3849.0	0.0002601	3328.29468	3872.83740
3842.0	0.0002601	3327.88843	3860.17651
3742.0	0.0002687	3327.48169	3847.95825
3724.0	0.0002687	3327.07275	3836.36743
3870.0	0.0002601	3326.66333	3825.61719
3764.0	0.0002687	3326.25195	3815.81201
3587.0	0.0002778	3325.84009	3807.08545
3769.0	0.0002687	3325.42651	3799.48975
3816.0	0.0002601	3325.01196	3793.10010
3644.0	0.0002778	3324.59619	3787.92993
3645.0	0.0002778	3324.17871	3784.00439
3685.0	0.0002687	3323.76074	3781.33105
3667.0	0.0002687	3323.34131	3779.89136
3689.0	0.0002687	3322.92090	3779.66919
3677.0	0.0002687	3322.49902	3780.63843
3626.0	0.0002778	3322.07666	3782.76050
3698.0	0.0002687	3321.65259	3786.00317
3794.0	0.0002601	3321.22803	3790.31299
3782.0	0.0002687	3320.80200	3795.65381
3705.0	0.0002687	3320.37427	3801.98413
3673.0	0.0002687	3319.94653	3809.22998
3741.0	0.0002687	3319.51709	3817.36670
3797.0	0.0002601	3319.08716	3826.32080
3754.0	0.0002687	3318.65552	3836.06689
3627.0	0.0002778	3318.22388	3846.52490
3614.0	0.0002778	3317.79028	3857.67285
3768.0	0.0002687	3317.35645	3869.42578
3947.0	0.0002520	3316.92114	3881.75342
3860.0	0.0002601	3316.48438	3894.61255
3604.0	0.0002778	3316.04761	3907.89502
3624.0	0.0002778	3315.60913	3921.58838
3788.0	0.0002601	3315.17065	3935.58838
3876.0	0.0002601	3314.73022	3949.86548
3839.0	0.0002601	3314.28979	3964.30396
3769.0	0.0002687	3313.84766	3978.86890
3721.0	0.0002687	3313.40527	3993.43262
3625.0	0.0002778	3312.96167	4007.95190
3647.0	0.0002778	3312.51758	4022.28711
3849.0	0.0002601	3312.07202	4036.38525
3836.0	0.0002601	3311.62598	4050.12085
3741.0	0.0002687	3311.17944	4063.37280
3883.0	0.0002601	3310.73145	4076.07397
4082.0	0.0002441	3310.28345	4088.15405
4160.0	0.0002367	3309.83374	4099.40771
4075.0	0.0002441	3309.38428	4109.77393

4017.0	0.0002520	3308.93311	4119.19531
4080.0	0.0002441	3308.48218	4127.56396
4182.0	0.0002367	3308.02954	4134.83447
4136.0	0.0002441	3307.57642	4140.93945
4009.0	0.0002520	3307.12329	4145.83398
4112.0	0.0002441	3306.66846	4149.50781
4211.0	0.0002367	3306.21387	4151.94922
4145.0	0.0002441	3305.75781	4153.17432
4154.0	0.0002441	3305.30200	4153.21045
4244.0	0.0002367	3304.84473	4152.10742
4334.0	0.0002296	3304.38745	4149.93115
4399.0	0.0002296	3303.92920	4146.75684
4366.0	0.0002296	3303.46973	4142.66602
4219.0	0.0002367	3303.01074	4137.77588
4120.0	0.0002441	3302.55029	4132.17432
4146.0	0.0002441	3302.09033	4125.98877
4272.0	0.0002367	3301.62891	4119.31445
4418.0	0.0002296	3301.16724	4112.27588
4505.0	0.0002228	3300.70508	4104.96533
4487.0	0.0002228	3300.24243	4097.50391
4423.0	0.0002228	3299.77881	4089.96558
4405.0	0.0002296	3299.31567	4082.46167
4490.0	0.0002228	3298.85107	4075.04761
4518.0	0.0002228	3298.38623	4067.80518
4445.0	0.0002228	3297.92139	4060.80200
4442.0	0.0002228	3297.45557	4054.07007
4423.0	0.0002228	3296.98999	4047.66357
4344.0	0.0002296	3296.52319	4041.59131
4399.0	0.0002296	3296.05688	4035.88257
4528.0	0.0002228	3295.58936	4030.62598
4581.0	0.0002163	3295.12231	4025.60229
4527.0	0.0002228	3294.65405	4020.86621
4371.0	0.0002296	3294.18530	4016.37158
4198.0	0.0002367	3293.71729	4012.05225
4254.0	0.0002367	3293.24805	4007.79834
4397.0	0.0002296	3292.77930	4003.51343
4325.0	0.0002296	3292.30933	3999.05444
4327.0	0.0002296	3291.84009	3994.30029
4412.0	0.0002296	3291.36963	3989.08740
4299.0	0.0002296	3290.89966	3983.28418
4231.0	0.0002367	3290.42896	3976.74023
4284.0	0.0002367	3289.95752	3969.32080
4203.0	0.0002367	3289.48706	3961.02124
4160.0	0.0002441	3289.01538	3951.59180
4221.0	0.0002367	3288.54419	3941.08765
4094.0	0.0002441	3288.07251	3929.47021
3905.0	0.0002601	3287.60083	3916.80054
3865.0	0.0002601	3287.12891	3903.10425
3939.0	0.0002520	3286.65698	3888.51172
4019.0	0.0002520	3286.18433	3873.09570
4019.0	0.0002520	3285.71265	3857.03223
3958.0	0.0002520	3285.23975	3840.41650
3895.0	0.0002601	3284.76685	3823.41553
3849.0	0.0002601	3284.29492	3806.19800

3679.0	0.0002687	3283.82178	3788.84473
3554.0	0.0002778	3283.34961	3771.53149
3769.0	0.0002687	3282.87646	3754.31714
3885.0	0.0002601	3282.40430	3737.34570
3736.0	0.0002687	3281.93115	3720.64917
3614.0	0.0002778	3281.45874	3704.34570
3534.0	0.0002873	3280.98560	3688.43701
3483.0	0.0002873	3280.51270	3672.99219
3519.0	0.0002873	3280.04053	3658.06519
3504.0	0.0002873	3279.56738	3643.63208
3410.0	0.0002973	3279.09546	3629.75098
3499.0	0.0002873	3278.62256	3616.38745
3587.0	0.0002778	3278.15063	3603.58521
3468.0	0.0002873	3277.67798	3591.30273
3429.0	0.0002873	3277.20605	3579.57129
3527.0	0.0002873	3276.73438	3568.35376
3623.0	0.0002778	3276.26172	3557.63232
3584.0	0.0002778	3275.79053	3547.43286
3464.0	0.0002873	3275.31860	3537.70264
3423.0	0.0002873	3274.84766	3528.45508
3442.0	0.0002873	3274.37646	3519.64380
3479.0	0.0002873	3273.90576	3511.27979
3490.0	0.0002873	3273.43457	3503.31714
3358.0	0.0002973	3272.96460	3495.76440
3239.0	0.0003078	3272.49463	3488.58594
3510.0	0.0002873	3272.02368	3481.75879
3604.0	0.0002778	3271.55444	3475.29150
3289.0	0.0003078	3271.08472	3469.14185
3313.0	0.0002973	3270.61621	3463.31128
3529.0	0.0002873	3270.14722	3457.76489
3555.0	0.0002778	3269.67920	3452.50537
3451.0	0.0002873	3269.21069	3447.50073
3370.0	0.0002973	3268.74365	3442.75049
3393.0	0.0002973	3268.27588	3438.22852
3374.0	0.0002973	3267.80933	3433.93433
3359.0	0.0002973	3267.34229	3429.84131
3473.0	0.0002873	3266.87598	3425.94653
3563.0	0.0002778	3266.41064	3422.26147
3552.0	0.0002778	3265.94482	3418.72803
3483.0	0.0002873	3265.48071	3415.36597
3415.0	0.0002973	3265.01587	3412.15601
3403.0	0.0002973	3264.55225	3409.09937
3479.0	0.0002873	3264.08862	3406.18018
3555.0	0.0002778	3263.62573	3403.39819
3530.0	0.0002873	3263.16357	3400.74438
3370.0	0.0002973	3262.70093	3398.20947
3285.0	0.0003078	3262.23999	3395.79663
3336.0	0.0002973	3261.77905	3393.49365
3204.0	0.0003078	3261.31885	3391.30249
3096.0	0.0003189	3260.85889	3389.21411
3248.0	0.0003078	3260.40039	3387.23291
3322.0	0.0002973	3259.94141	3385.34766
3279.0	0.0003078	3259.48389	3383.56421
3267.0	0.0003078	3259.02686	3381.87573

3266.0	0.0003078	3258.56934	3380.28271
3242.0	0.0003078	3258.11401	3378.78882
3213.0	0.0003078	3257.65820	3377.38672
3318.0	0.0002973	3257.20435	3376.08521
3431.0	0.0002873	3256.75000	3374.87744
3257.0	0.0003078	3256.29712	3373.76929
3109.0	0.0003189	3255.84424	3372.76050
3215.0	0.0003078	3255.39282	3371.85522
3432.0	0.0002873	3254.94165	3371.05396
3466.0	0.0002873	3254.49170	3370.36230
3258.0	0.0003078	3254.04175	3369.78198
3159.0	0.0003189	3253.59277	3369.31763
3200.0	0.0003078	3253.14526	3368.97290
3265.0	0.0003078	3252.69775	3368.75415
3292.0	0.0003078	3252.25195	3368.66675
3304.0	0.0003078	3251.80591	3368.71387
3349.0	0.0002973	3251.36157	3368.90283
3428.0	0.0002873	3250.91772	3369.24097
3433.0	0.0002873	3250.47485	3369.73267
3295.0	0.0003078	3250.03247	3370.38623
3276.0	0.0003078	3249.59131	3371.20776
3389.0	0.0002973	3249.15088	3372.27661
3417.0	0.0002973	3248.71167	3373.45410
3398.0	0.0002973	3248.27344	3374.81885
3372.0	0.0002973	3247.83545	3376.37939
3325.0	0.0002973	3247.39941	3378.14014
3365.0	0.0002973	3246.96338	3380.11060
3445.0	0.0002873	3246.52930	3382.28931
3305.0	0.0003078	3246.09570	3384.68774
3186.0	0.0003189	3245.66235	3387.30933
3271.0	0.0003078	3245.23120	3390.14966
3278.0	0.0003078	3244.80029	3393.58398
3316.0	0.0002973	3244.37109	3396.87427
3517.0	0.0002873	3243.94238	3400.39063
3561.0	0.0002778	3243.51514	3404.11768
3462.0	0.0002873	3243.08862	3408.06055
3414.0	0.0002973	3242.66357	3412.19092
3378.0	0.0002973	3242.23901	3416.51001
3406.0	0.0002973	3241.81641	3420.97827
3544.0	0.0002778	3241.39404	3425.58691
3416.0	0.0002973	3240.97290	3430.29077
3417.0	0.0002973	3240.55371	3435.53662
3424.0	0.0002873	3240.13477	3440.30615
3563.0	0.0002778	3239.71753	3445.01953
3512.0	0.0002873	3239.30127	3449.62378
3585.0	0.0002778	3238.88647	3454.03174
3516.0	0.0002873	3238.47241	3458.17773
3620.0	0.0002778	3238.06006	3461.96606
3380.0	0.0002973	3237.64819	3465.31982
3636.0	0.0002778	3237.23804	3468.15088
3619.0	0.0002778	3236.82935	3470.37744
3398.0	0.0002973	3236.42139	3471.93530
3273.0	0.0003078	3236.01538	3472.76587
3852.0	0.0002601	3235.61011	3472.83203

3518.0	0.0002873	3235.20654	3472.11816
3599.0	0.0002778	3234.80371	3470.62305
3600.0	0.0002778	3234.40308	3468.37476
3582.0	0.0002778	3234.00293	3465.41333
3656.0	0.0002778	3233.60376	3461.79297
3764.0	0.0002687	3233.20703	3457.60156
3406.0	0.0002973	3232.81104	3452.90405
3573.0	0.0002778	3232.41675	3447.79785
3537.0	0.0002873	3232.02344	3442.35571
3489.0	0.0002873	3231.63232	3436.67603
3461.0	0.0002873	3231.24146	3430.81885
3387.0	0.0002973	3230.85303	3424.87500
3493.0	0.0002873	3230.46533	3418.88501
3506.0	0.0002873	3230.07959	3412.92822
3549.0	0.0002778	3229.69482	3407.03027
3490.0	0.0002873	3229.31152	3401.23804
3511.0	0.0002873	3228.93018	3395.59399
3550.0	0.0002778	3228.54956	3390.10645
3346.0	0.0002973	3228.17114	3384.81177
3501.0	0.0002873	3227.79395	3379.70752
3413.0	0.0002973	3227.41846	3374.82227
3326.0	0.0002973	3227.04395	3370.14624
3494.0	0.0002873	3226.67163	3365.70093
3393.0	0.0002973	3226.30029	3361.47095
3413.0	0.0002973	3225.93042	3357.46729
3302.0	0.0003078	3225.56299	3353.69189
3408.0	0.0002973	3225.19629	3350.13037
3422.0	0.0002873	3224.83179	3346.78979
3288.0	0.0003078	3224.46826	3344.34473
3165.0	0.0003189	3224.10693	3341.42456
3314.0	0.0002973	3223.74658	3338.69897
3472.0	0.0002873	3223.38867	3336.17261
3238.0	0.0003078	3223.03174	3334.10547
3343.0	0.0002973	3222.67627	3331.94092
3135.0	0.0003189	3222.32300	3329.95459
3224.0	0.0003078	3221.97095	3328.13306
3325.0	0.0002973	3221.62134	3326.47461
3366.0	0.0002973	3221.27246	3324.96729
3387.0	0.0002973	3220.92627	3323.61206
3290.0	0.0003078	3220.58081	3322.39673
3419.0	0.0002973	3220.23779	3321.31958
3379.0	0.0002973	3219.89600	3320.37451
3365.0	0.0002973	3219.55566	3319.55566
3325.0	0.0002973	3219.21802	3318.86304
3539.0	0.0002873	3218.88135	3318.28809
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3357.0	0.0002973	3218.21387	3317.48926
3377.0	0.0002973	3217.88281	3317.25854
3335.0	0.0002973	3217.55322	3317.13818
3369.0	0.0002973	3217.22607	3317.12622
3273.0	0.0003078	3216.90015	3317.22607
3377.0	0.0002973	3216.57666	3317.43359
3343.0	0.0002973	3216.25439	3317.75000
3264.0	0.0003078	3215.93384	3318.17847

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3336.0	0.0002973	3215.29907	3319.37598
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3449.0	0.0002873	3214.67163	3321.27832
3265.0	0.0003078	3214.36108	3322.30322
3288.0	0.0003078	3214.05176	3323.46094
3266.0	0.0003078	3213.74487	3324.75708
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3379.0	0.0002973	3213.13574	3327.79956
3349.0	0.0002973	3212.83472	3329.55933
3212.0	0.0003078	3212.53491	3331.49707
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3380.0	0.0002973	3211.94189	3335.94507
3237.0	0.0003078	3211.64868	3338.48486
3410.0	0.0002973	3211.35669	3341.26440
3433.0	0.0002873	3211.06714	3344.29736
3305.0	0.0003078	3210.77930	3347.61182
3315.0	0.0002973	3210.49316	3351.24146
3332.0	0.0002973	3210.20972	3355.20337
3294.0	0.0003078	3209.92773	3359.54932
3454.0	0.0002873	3209.64819	3364.30542
3316.0	0.0002973	3209.37036	3369.53540
3474.0	0.0002873	3209.09497	3375.27661
3135.0	0.0003189	3208.82104	3381.60596
3378.0	0.0002973	3208.54956	3388.57153
3272.0	0.0003078	3208.27979	3396.27100
3398.0	0.0002973	3208.01270	3404.76221
3396.0	0.0002973	3207.74683	3414.16211
3464.0	0.0002873	3207.48340	3424.55615
3335.0	0.0002973	3207.22241	3436.03271
3507.0	0.0002873	3206.96313	3448.73462
3392.0	0.0002973	3206.70605	3462.73901
3395.0	0.0002973	3206.45093	3478.20752
3360.0	0.0002973	3206.19824	3495.20850
3648.0	0.0002778	3205.94727	3513.91187
3422.0	0.0002973	3205.69897	3534.37012
3724.0	0.0002687	3205.45239	3556.74512
3470.0	0.0002873	3205.20776	3581.09644
3431.0	0.0002873	3204.96558	3607.45215
3621.0	0.0002778	3204.72534	3635.93994
3467.0	0.0002873	3204.48779	3666.49463
3672.0	0.0002687	3204.25195	3699.19312
3621.0	0.0002778	3204.01831	3733.88477
3763.0	0.0002687	3203.78687	3770.57593
3679.0	0.0002687	3203.55762	3809.00366
3660.0	0.0002778	3203.33081	3849.03662
3669.0	0.0002687	3203.10571	3890.42285
3617.0	0.0002778	3202.88306	3932.63599
3876.0	0.0002601	3202.66260	3975.37256
3982.0	0.0002520	3202.44458	4017.93506
3752.0	0.0002687	3202.22827	4059.77197
4331.0	0.0002296	3202.01489	4099.96533
3783.0	0.0002601	3201.80322	4137.73340
3852.0	0.0002601	3201.59399	4171.97461

3930.0	0.0002520	3201.38696	4201.77051
3977.0	0.0002520	3201.18237	4226.02100
3817.0	0.0002601	3200.97974	4243.89014
3978.0	0.0002520	3200.77930	4254.60840
3994.0	0.0002520	3200.58154	4257.72510
3762.0	0.0002687	3200.38574	4253.10547
3903.0	0.0002601	3200.19238	4240.95947
3712.0	0.0002687	3200.00122	4221.75879
3709.0	0.0002687	3199.81250	4196.31836
3766.0	0.0002687	3199.62598	4165.49561
3898.0	0.0002601	3199.44189	4130.39307
3929.0	0.0002520	3199.25977	4091.92993
3832.0	0.0002601	3199.08008	4051.12988
3803.0	0.0002601	3198.90308	4008.94092
3781.0	0.0002687	3198.72803	3966.01123
3790.0	0.0002601	3198.55542	3923.12915
3727.0	0.0002687	3198.38501	3880.71484
3778.0	0.0002687	3198.21729	3839.34253
3832.0	0.0002601	3198.05151	3799.24243
3600.0	0.0002778	3197.88843	3760.81152
3755.0	0.0002687	3197.72754	3724.16479
3659.0	0.0002778	3197.56885	3689.42700
3700.0	0.0002687	3197.41260	3656.81665
3641.0	0.0002778	3197.25879	3626.25781
3705.0	0.0002687	3197.10742	3597.84766
3599.0	0.0002778	3196.95850	3571.47705
3572.0	0.0002778	3196.81177	3547.17725
3757.0	0.0002687	3196.66748	3524.79907
3433.0	0.0002873	3196.52563	3504.32202
3518.0	0.0002873	3196.38623	3485.59546
3543.0	0.0002778	3196.24902	3468.49902
3421.0	0.0002973	3196.11426	3452.97974
3519.0	0.0002873	3195.98193	3438.86157
3461.0	0.0002873	3195.85205	3426.06763
3164.0	0.0003189	3195.72461	3414.44702
3411.0	0.0002973	3195.59985	3403.92676
3502.0	0.0002873	3195.47705	3394.36938
3533.0	0.0002873	3195.35693	3385.71045
3442.0	0.0002873	3195.23901	3377.83105
3224.0	0.0003078	3195.12378	3370.67725
3583.0	0.0002778	3195.01099	3364.15308
3380.0	0.0002973	3194.90039	3358.20386
3368.0	0.0002973	3194.79248	3352.77661
3269.0	0.0003078	3194.68677	3347.80591
3543.0	0.0002778	3194.58374	3343.25854
3240.0	0.0003078	3194.48315	3339.08179
3346.0	0.0002973	3194.38501	3335.25244
3371.0	0.0002973	3194.28906	3331.72900
3316.0	0.0002973	3194.19580	3328.76294
3461.0	0.0002873	3194.10522	3325.78613
3335.0	0.0002973	3194.01660	3323.04565
3243.0	0.0003078	3193.93091	3320.53418
3300.0	0.0003078	3193.84741	3318.22534
3285.0	0.0003078	3193.76660	3316.11377

3274.0	0.0003078	3193.68799	3314.18115
3265.0	0.0003078	3193.61206	3312.42188
3440.0	0.0002873	3193.53857	3310.82275
3204.0	0.0003078	3193.46777	3309.38062
3299.0	0.0003078	3193.39917	3308.08667
3369.0	0.0002973	3193.33301	3306.93188
3366.0	0.0002973	3193.26953	3305.92041
3314.0	0.0002973	3193.20850	3305.04077
3197.0	0.0003078	3193.14990	3304.29443
3219.0	0.0003078	3193.09399	3303.67944
3284.0	0.0003078	3193.04028	3303.19385
3396.0	0.0002973	3192.98926	3302.84180
3073.0	0.0003306	3192.94092	3302.62158
3245.0	0.0003078	3192.89478	3302.53906
3096.0	0.0003189	3192.85132	3302.59937
3246.0	0.0003078	3192.81030	3302.81104
3279.0	0.0003078	3192.77173	3303.18286
3288.0	0.0003078	3192.73560	3303.72412
3364.0	0.0002973	3192.70239	3304.45532
3374.0	0.0002973	3192.67139	3305.39038
3341.0	0.0002973	3192.64282	3306.55396
3310.0	0.0002973	3192.61694	3307.96899
3230.0	0.0003078	3192.59351	3309.66919
3347.0	0.0002973	3192.57251	3311.97314
3345.0	0.0002973	3192.55420	3314.34497
3252.0	0.0003078	3192.53833	3317.12207
3378.0	0.0002973	3192.52490	3320.33838
3349.0	0.0002973	3192.51416	3324.06079
3374.0	0.0002973	3192.50586	3328.33154
3437.0	0.0002873	3192.50000	3333.22290
3201.0	0.0003078	3192.49683	3338.77954
3348.0	0.0002973	3192.49609	3345.07837
3480.0	0.0002873	3192.49780	3352.15942
3342.0	0.0002973	3192.50220	3360.09644
3494.0	0.0002873	3192.50903	3368.94824
3351.0	0.0002973	3192.51831	3378.72534
3376.0	0.0002973	3192.53027	3389.49707
3536.0	0.0002873	3192.54468	3401.25488
3393.0	0.0002973	3192.56152	3414.04004
3537.0	0.0002873	3192.58105	3427.80176
3419.0	0.0002973	3192.60303	3442.55176
3655.0	0.0002778	3192.62744	3458.18750
3230.0	0.0003078	3192.65454	3474.67310
3549.0	0.0002778	3192.68408	3491.84009
3483.0	0.0002873	3192.71631	3509.58789
3610.0	0.0002778	3192.75098	3527.69165
3666.0	0.0002687	3192.78809	3545.88062
3610.0	0.0002778	3192.82764	3563.91309
3648.0	0.0002778	3192.86987	3581.38696
3627.0	0.0002778	3192.91455	3597.95435
3587.0	0.0002778	3192.96167	3613.12915
3298.0	0.0003078	3193.01147	3626.50488
3497.0	0.0002873	3193.06348	3637.59741
3783.0	0.0002601	3193.11841	3646.05518

3616.0	0.0002778	3193.17578	3651.56714
3649.0	0.0002778	3193.23535	3653.97192
3836.0	0.0002601	3193.29785	3653.27490
3525.0	0.0002873	3193.36255	3649.62305
3438.0	0.0002873	3193.42993	3643.29224
3593.0	0.0002778	3193.49976	3634.68384
3423.0	0.0002873	3193.57202	3624.21338
3651.0	0.0002778	3193.64673	3612.37451
3524.0	0.0002873	3193.72412	3599.57813
3429.0	0.0002873	3193.80420	3586.22144
3516.0	0.0002873	3193.88647	3572.71313
3494.0	0.0002873	3193.97144	3559.30127
3593.0	0.0002778	3194.05859	3546.27661
3559.0	0.0002778	3194.14844	3533.80005
3505.0	0.0002873	3194.24072	3522.06396
3425.0	0.0002873	3194.33569	3511.15210
3643.0	0.0002778	3194.43286	3501.17773
3306.0	0.0003078	3194.53271	3492.16040
3456.0	0.0002873	3194.63501	3484.15576
3485.0	0.0002873	3194.73975	3477.13916
3247.0	0.0003078	3194.84717	3471.10303
3534.0	0.0002873	3194.95679	3466.01855
3322.0	0.0002973	3195.06909	3461.81665
3473.0	0.0002873	3195.18359	3458.44653
3251.0	0.0003078	3195.30078	3455.82251
3594.0	0.0002778	3195.42041	3453.87329
3427.0	0.0002873	3195.54248	3452.50366
3561.0	0.0002778	3195.66699	3451.62964
3382.0	0.0002973	3195.79395	3451.15918
3506.0	0.0002873	3195.92358	3451.00415
3462.0	0.0002873	3196.05518	3451.08301
3400.0	0.0002973	3196.18970	3451.31421
3316.0	0.0002973	3196.32642	3451.62549
3534.0	0.0002873	3196.46558	3451.95435
3424.0	0.0002873	3196.60718	3452.24268
3495.0	0.0002873	3196.75146	3452.44653
3620.0	0.0002778	3196.89771	3452.52759
3453.0	0.0002873	3197.04688	3452.46167
3451.0	0.0002873	3197.19824	3452.22998
3508.0	0.0002873	3197.35205	3451.82861
3379.0	0.0002973	3197.50830	3451.25562
3433.0	0.0002873	3197.66675	3450.52075
3575.0	0.0002778	3197.82788	3449.63965
3371.0	0.0002973	3197.99146	3448.63501
3332.0	0.0002973	3198.15723	3447.52759
3560.0	0.0002778	3198.32544	3446.34937
3443.0	0.0002873	3198.49609	3445.12939
3379.0	0.0002973	3198.66919	3443.89331
3579.0	0.0002778	3198.84473	3442.67944
3430.0	0.0002873	3199.02246	3441.51392
3475.0	0.0002873	3199.20264	3440.42896
3466.0	0.0002873	3199.38525	3439.44800
3349.0	0.0002973	3199.57007	3438.60034
3449.0	0.0002873	3199.75757	3437.90698

3598.0	0.0002778	3199.94702	3437.39233
3580.0	0.0002778	3200.13916	3437.07471
3671.0	0.0002687	3200.33325	3436.97095
3386.0	0.0002973	3200.53003	3437.09863
3264.0	0.0003078	3200.72925	3437.46948
3512.0	0.0002873	3200.93042	3438.09546
3299.0	0.0003078	3201.13428	3438.98730
3552.0	0.0002778	3201.34009	3440.15039
3457.0	0.0002873	3201.54858	3441.59546
3409.0	0.0002973	3201.75903	3443.32080
3350.0	0.0002973	3201.97217	3445.33618
3554.0	0.0002778	3202.18726	3447.63525
3569.0	0.0002778	3202.40479	3450.21973
3650.0	0.0002778	3202.62500	3453.09546
3359.0	0.0002973	3202.84692	3456.24023
3394.0	0.0002973	3203.07153	3459.66138
3488.0	0.0002873	3203.29810	3463.34058
3477.0	0.0002873	3203.52710	3467.27563
3526.0	0.0002873	3203.75830	3471.44189
3268.0	0.0003078	3203.99194	3475.83789
3545.0	0.0002778	3204.22754	3480.43188
3343.0	0.0002973	3204.46558	3485.21753
3732.0	0.0002687	3204.70605	3490.17651
3536.0	0.0002873	3204.94849	3495.27222
3762.0	0.0002687	3205.19336	3500.50342
3485.0	0.0002873	3205.44019	3505.83203
3531.0	0.0002873	3205.68945	3511.25513
3627.0	0.0002778	3205.94067	3516.73828
3585.0	0.0002778	3206.19434	3522.28149
3848.0	0.0002601	3206.44995	3527.85205
3654.0	0.0002778	3206.70801	3533.45264
3535.0	0.0002873	3206.96802	3539.05908
3675.0	0.0002687	3207.23047	3544.67212
3636.0	0.0002778	3207.49536	3550.27661
3711.0	0.0002687	3207.76172	3555.86499
3409.0	0.0002973	3208.03076	3561.41772
3555.0	0.0002778	3208.30151	3566.91284
3551.0	0.0002778	3208.57495	3572.34985
3624.0	0.0002778	3208.84985	3577.68579
3647.0	0.0002778	3209.12769	3582.21509
3573.0	0.0002778	3209.40698	3587.26880
3687.0	0.0002687	3209.68848	3592.12061
3380.0	0.0002973	3209.97266	3596.72266
3588.0	0.0002778	3210.25830	3601.00195
3586.0	0.0002778	3210.54663	3604.91479
3490.0	0.0002873	3210.83643	3608.39038
3529.0	0.0002873	3211.12891	3611.38062
3377.0	0.0002973	3211.42285	3613.82422
3856.0	0.0002601	3211.71948	3615.68848
3458.0	0.0002873	3212.01758	3616.93726
3603.0	0.0002778	3212.31787	3617.56104
3576.0	0.0002778	3212.62085	3617.56250
3790.0	0.0002601	3212.92529	3616.96509
3752.0	0.0002687	3213.23193	3615.80664

3417.0	0.0002973	3213.54028	3614.14722
3439.0	0.0002873	3213.85107	3612.05420
3656.0	0.0002778	3214.16333	3609.61426
3337.0	0.0002973	3214.47827	3606.91016
3623.0	0.0002778	3214.79468	3604.04248
3645.0	0.0002778	3215.11353	3601.09863
3598.0	0.0002778	3215.43359	3598.18018
3423.0	0.0002873	3215.75659	3595.37109
3529.0	0.0002873	3216.08130	3592.75952
3714.0	0.0002687	3216.40747	3590.43237
3548.0	0.0002778	3216.73608	3588.45923
3510.0	0.0002873	3217.06616	3586.91870
3471.0	0.0002873	3217.39868	3585.87378
3635.0	0.0002778	3217.73242	3585.39648
3367.0	0.0002973	3218.06885	3585.55420
3494.0	0.0002873	3218.40698	3586.41870
3570.0	0.0002778	3218.74683	3588.06641
3426.0	0.0002873	3219.08887	3590.58545
3413.0	0.0002973	3219.43237	3594.06958
3471.0	0.0002873	3219.77808	3598.64502
3549.0	0.0002778	3220.12524	3604.43921
3592.0	0.0002778	3220.47485	3611.63696
3479.0	0.0002873	3220.82568	3620.41211
3412.0	0.0002973	3221.17896	3631.03711
3630.0	0.0002778	3221.53345	3643.75659
3665.0	0.0002687	3221.88965	3658.93433
3512.0	0.0002873	3222.24902	3676.97290
3596.0	0.0002778	3222.60889	3698.23779
3693.0	0.0002687	3222.97119	3723.29834
3713.0	0.0002687	3223.33447	3752.61401
3881.0	0.0002601	3223.70044	3786.85327
4091.0	0.0002441	3224.06738	3826.51831
4165.0	0.0002367	3224.43677	3872.33960
4034.0	0.0002441	3224.80713	3924.78027
3925.0	0.0002520	3225.18018	3984.55444
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4109.0	0.0002441	3225.93042	4127.59229
4314.0	0.0002296	3226.30835	4211.56738
4650.0	0.0002163	3226.68750	4304.05420
4764.0	0.0002100	3227.06885	4404.63232
4751.0	0.0002100	3227.45142	4512.83203
4939.0	0.0002041	3227.83618	4628.25977
5332.0	0.0001877	3228.22217	4749.54443
5600.0	0.0001778	3228.61011	4875.98486
5458.0	0.0001826	3228.99927	5004.87061
5648.0	0.0001778	3229.39063	5134.95117
6223.0	0.0001602	3229.78345	5263.19824
6431.0	0.0001562	3230.17773	5386.72510
6428.0	0.0001562	3230.57349	5502.70801
6473.0	0.0001562	3230.97095	5607.40674
6578.0	0.0001524	3231.37036	5697.72852
6712.0	0.0001487	3231.77075	5770.29297
6760.0	0.0001487	3232.17334	5822.83691
6544.0	0.0001524	3232.57666	5853.68799

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6254.0	0.0001602	3233.38965	5850.44727
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5901.0	0.0001687	3234.61890	5710.78955
5764.0	0.0001731	3235.03223	5639.95508
5684.0	0.0001778	3235.44629	5562.39990
5494.0	0.0001826	3235.86255	5480.75635
5394.0	0.0001877	3236.27930	5397.78809
5384.0	0.0001877	3236.69849	5315.48389
5264.0	0.0001877	3237.11938	5235.61230
5175.0	0.0001929	3237.54053	5159.97217
5167.0	0.0001929	3237.96411	5089.47266
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4932.0	0.0002041	3238.81445	4967.76025
4818.0	0.0002100	3239.24146	4917.62842
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4843.0	0.0002041	3240.53198	4812.15771
4767.0	0.0002100	3240.96460	4791.59180
4850.0	0.0002041	3241.39893	4777.74707
4846.0	0.0002041	3241.83472	4770.15234
4879.0	0.0002041	3242.27124	4768.18945
4878.0	0.0002041	3242.70972	4771.13525
4730.0	0.0002100	3243.14868	4778.16455
4704.0	0.0002100	3243.58984	4788.37598
4807.0	0.0002100	3244.03125	4800.69629
4834.0	0.0002041	3244.47485	4814.01074
4865.0	0.0002041	3244.91895	4827.00098
4928.0	0.0002041	3245.36475	4838.32031
4944.0	0.0002041	3245.81226	4846.52441
5000.0	0.0001984	3246.26001	4850.14014
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4782.0	0.0002100	3247.16016	4838.47607
4624.0	0.0002163	3247.61230	4821.21826
4804.0	0.0002100	3248.06470	4795.71094
4965.0	0.0002041	3248.51929	4761.93652
4889.0	0.0002041	3248.97412	4720.49268
4626.0	0.0002163	3249.43066	4672.16455
4528.0	0.0002228	3249.88892	4618.02100
4583.0	0.0002163	3250.34717	4559.53809
4562.0	0.0002163	3250.80737	4497.79004
4357.0	0.0002296	3251.26782	4434.19336
4128.0	0.0002441	3251.73022	4369.67236
4113.0	0.0002441	3252.19312	4305.39063
4151.0	0.0002441	3252.65747	4241.97705
4181.0	0.0002367	3253.12256	4180.29492
4248.0	0.0002367	3253.58936	4120.70361
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3720.0	0.0002687	3254.52466	4009.72729
3749.0	0.0002687	3254.99438	3958.79590
3934.0	0.0002520	3255.46436	3911.21240
3979.0	0.0002520	3255.93604	3866.90186
3909.0	0.0002520	3256.40796	3826.00342

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3882.0	0.0002601	3257.35547	3753.94653
3849.0	0.0002601	3257.83105	3722.57764
3803.0	0.0002601	3258.30664	3694.17676
3809.0	0.0002601	3258.78369	3668.49951
3721.0	0.0002687	3259.26245	3645.34253
3620.0	0.0002778	3259.74072	3624.59229
3653.0	0.0002778	3260.22070	3605.96680
3621.0	0.0002778	3260.70093	3589.32764
3540.0	0.0002873	3261.18286	3574.43286
3591.0	0.0002778	3261.66455	3561.13843
3640.0	0.0002778	3262.14819	3549.23999
3597.0	0.0002778	3262.63184	3538.61670
3515.0	0.0002873	3263.11670	3529.10083
3487.0	0.0002873	3263.60303	3520.56055
3528.0	0.0002873	3264.08887	3512.91089
3535.0	0.0002873	3264.57666	3506.02515
3418.0	0.0002973	3265.06445	3499.83423
3239.0	0.0003078	3265.55322	3494.24438
3268.0	0.0003078	3266.04248	3489.20825
3439.0	0.0002873	3266.53320	3484.65234
3597.0	0.0002778	3267.02368	3480.54688
3760.0	0.0002687	3267.51563	3476.88208
3714.0	0.0002687	3268.00757	3473.54712
3365.0	0.0002973	3268.50098	3470.54834
3329.0	0.0002973	3268.99512	3467.86816
3549.0	0.0002778	3269.48901	3465.48828
3550.0	0.0002778	3269.98438	3463.38721
3588.0	0.0002778	3270.47974	3461.55615
3669.0	0.0002687	3270.97656	3459.97852
3528.0	0.0002873	3271.47290	3458.64966
3484.0	0.0002873	3271.97095	3457.55566
3610.0	0.0002778	3272.46875	3456.69507
3554.0	0.0002778	3272.96777	3456.05688
3446.0	0.0002873	3273.46753	3455.63770
3438.0	0.0002873	3273.96680	3455.43408
3448.0	0.0002873	3274.46777	3455.44189
3490.0	0.0002873	3274.96826	3455.65503
3575.0	0.0002778	3275.47021	3456.07056
3595.0	0.0002778	3275.97168	3456.68042
3509.0	0.0002873	3276.47461	3457.48706
3380.0	0.0002973	3276.97754	3458.47900
3405.0	0.0002973	3277.48096	3459.65430
3525.0	0.0002873	3277.98560	3461.37207
3564.0	0.0002778	3278.48975	3462.88989
3581.0	0.0002778	3278.99487	3464.57251
3620.0	0.0002778	3279.49976	3466.63647
3641.0	0.0002778	3280.00562	3468.60010
3499.0	0.0002873	3280.51172	3470.38672
3340.0	0.0002973	3281.01855	3472.57227
3515.0	0.0002873	3281.52515	3474.83740
3622.0	0.0002778	3282.03271	3477.16504
3498.0	0.0002873	3282.54004	3479.52417
3551.0	0.0002778	3283.04834	3481.89575

3600.0	0.0002778	3283.55713	3484.24829
3489.0	0.0002873	3284.06543	3486.54761
3505.0	0.0002873	3284.57495	3488.77783
3589.0	0.0002778	3285.08350	3490.90552
3579.0	0.0002778	3285.59375	3492.91895
3530.0	0.0002873	3286.10303	3494.79590
3538.0	0.0002873	3286.61377	3496.53540
3627.0	0.0002778	3287.12354	3498.13428
3601.0	0.0002778	3287.63477	3499.60547
3517.0	0.0002873	3288.14600	3500.96631
3564.0	0.0002778	3288.65674	3502.24072
3588.0	0.0002778	3289.16846	3503.46777
3553.0	0.0002778	3289.67944	3504.68408
3577.0	0.0002778	3290.19165	3505.94019
3577.0	0.0002778	3290.70337	3507.28003
3516.0	0.0002873	3291.21558	3508.75732
3472.0	0.0002873	3291.72754	3510.42529
3431.0	0.0002873	3292.23975	3512.33789
3384.0	0.0002973	3292.75293	3514.54956
3394.0	0.0002973	3293.26538	3517.10620
3477.0	0.0002873	3293.77832	3520.07153
3612.0	0.0002778	3294.29102	3523.48682
3739.0	0.0002687	3294.80420	3527.41357
3681.0	0.0002687	3295.31689	3531.89185
3417.0	0.0002973	3295.83032	3536.98633
3422.0	0.0002973	3296.34277	3542.73218
3549.0	0.0002778	3296.85620	3549.19263
3404.0	0.0002973	3297.37012	3556.42236
3391.0	0.0002973	3297.88281	3564.44458
3537.0	0.0002873	3298.39624	3573.33350
3501.0	0.0002873	3298.90918	3583.10718
3453.0	0.0002873	3299.42261	3593.83643
3460.0	0.0002873	3299.93530	3605.52588
3396.0	0.0002973	3300.44873	3618.24194
3470.0	0.0002873	3300.96143	3631.97241
3660.0	0.0002778	3301.47485	3646.77393
3566.0	0.0002778	3301.98730	3662.61133
3488.0	0.0002873	3302.50049	3679.52710
3671.0	0.0002687	3303.01367	3697.48022
3773.0	0.0002687	3303.52563	3716.40820
3770.0	0.0002687	3304.03882	3736.31934
3782.0	0.0002687	3304.55054	3757.07666
3802.0	0.0002601	3305.06323	3778.64966
3771.0	0.0002687	3305.57520	3800.85327
3686.0	0.0002687	3306.08716	3823.60107
3741.0	0.0002687	3306.59863	3846.64209
3848.0	0.0002601	3307.11011	3869.91797
3793.0	0.0002601	3307.62207	3892.97607
3831.0	0.0002601	3308.13306	3915.55054
3957.0	0.0002520	3308.64453	3937.40063
3901.0	0.0002601	3309.15454	3958.11230
3862.0	0.0002601	3309.66553	3977.37622
3924.0	0.0002520	3310.17529	3994.76050
3903.0	0.0002601	3310.68555	4009.96191

3935.0	0.0002520	3311.19482	4022.61548
4054.0	0.0002441	3311.70435	4032.49658
3996.0	0.0002520	3312.21411	4039.44141
3882.0	0.0002601	3312.72241	4043.37134
3910.0	0.0002520	3313.23120	4044.36304
4018.0	0.0002520	3313.73877	4042.59595
4015.0	0.0002520	3314.24707	4038.34839
3836.0	0.0002601	3314.75391	4032.00342
3852.0	0.0002601	3315.26147	4023.96851
3996.0	0.0002520	3315.76782	4014.72656
3981.0	0.0002520	3316.27441	4004.71045
3987.0	0.0002520	3316.78003	3994.39185
4008.0	0.0002520	3317.28589	3984.15063
3877.0	0.0002601	3317.79126	3974.37012
3843.0	0.0002601	3318.29565	3965.38647
3923.0	0.0002520	3318.80029	3957.44434
3853.0	0.0002601	3319.30396	3950.79517
3899.0	0.0002601	3319.80737	3945.60498
4112.0	0.0002441	3320.31006	3942.03491
4067.0	0.0002441	3320.81274	3940.18384
3969.0	0.0002520	3321.31421	3940.13623
4054.0	0.0002441	3321.81616	3941.93970
4129.0	0.0002441	3322.31714	3945.61255
4208.0	0.0002367	3322.81738	3951.13721
4321.0	0.0002296	3323.31763	3958.49023
4260.0	0.0002367	3323.81641	3967.58691
4110.0	0.0002441	3324.31567	3978.35498
4088.0	0.0002441	3324.81323	3990.63672
4160.0	0.0002441	3325.31128	4004.30566
4205.0	0.0002367	3325.80786	4019.12573
4126.0	0.0002441	3326.30444	4034.89307
4063.0	0.0002441	3326.80103	4051.35278
4130.0	0.0002441	3327.29590	4068.13257
4316.0	0.0002296	3327.79077	4084.95435
4416.0	0.0002296	3328.28442	4101.39893
4365.0	0.0002296	3328.77808	4117.12842
4322.0	0.0002296	3329.27051	4131.70313
4319.0	0.0002296	3329.76294	4144.78955
4343.0	0.0002296	3330.25366	4155.99609
4393.0	0.0002296	3330.74487	4165.05029
4410.0	0.0002296	3331.23486	4171.68896
4365.0	0.0002296	3331.72412	4175.76270
4343.0	0.0002296	3332.21313	4177.18408
4386.0	0.0002296	3332.70093	4175.95605
4462.0	0.0002228	3333.18823	4172.15381
4431.0	0.0002228	3333.67432	4165.92822
4383.0	0.0002296	3334.16040	4157.44971
4451.0	0.0002228	3334.64502	4146.96484
4363.0	0.0002296	3335.12939	4134.67383
4199.0	0.0002367	3335.61255	4120.84863
4296.0	0.0002296	3336.09546	4105.70801
4321.0	0.0002296	3336.57764	4089.40869
4210.0	0.0002367	3337.05811	4072.20459
4305.0	0.0002296	3337.53882	4054.21460

4360.0	0.0002296	3338.01758	4035.64966
4179.0	0.0002367	3338.49658	4016.59814
3954.0	0.0002520	3338.97388	3997.24829
3915.0	0.0002520	3339.45093	3977.77222
4054.0	0.0002441	3339.92651	3958.14331
3980.0	0.0002520	3340.40186	3938.53516
3868.0	0.0002601	3340.87671	3919.04468
3966.0	0.0002520	3341.34961	3899.85303
3972.0	0.0002520	3341.82251	3880.98633
4007.0	0.0002520	3342.29346	3862.59473
4096.0	0.0002441	3342.76465	3844.70776
3653.0	0.0002778	3343.23389	3827.45190
3769.0	0.0002687	3343.70313	3810.84155
3831.0	0.0002601	3344.17065	3794.98120
3873.0	0.0002601	3344.63770	3779.86621
3834.0	0.0002601	3345.10352	3765.57593
3786.0	0.0002601	3345.56860	3752.09131
3893.0	0.0002601	3346.03320	3739.45068
3851.0	0.0002601	3346.49609	3727.68115
3834.0	0.0002601	3346.95801	3716.75122
3848.0	0.0002601	3347.41895	3706.68652
3688.0	0.0002687	3347.87939	3697.45459
3846.0	0.0002601	3348.33813	3689.07129
3789.0	0.0002601	3348.79639	3681.49927
3620.0	0.0002778	3349.25293	3674.74658
3762.0	0.0002687	3349.70923	3668.77612
3791.0	0.0002601	3350.16455	3663.58447
3588.0	0.0002778	3350.61792	3659.16089
3637.0	0.0002778	3351.07129	3655.47412
3610.0	0.0002778	3351.52246	3652.52100
3642.0	0.0002778	3351.97339	3650.27783
3659.0	0.0002778	3352.42261	3648.73657
3769.0	0.0002687	3352.87158	3647.88159
3667.0	0.0002687	3353.31860	3647.70166
3741.0	0.0002687	3353.76489	3648.18774
3704.0	0.0002687	3354.21045	3649.33472
3620.0	0.0002778	3354.65430	3651.13428
3565.0	0.0002778	3355.09741	3653.58862
3600.0	0.0002778	3355.53882	3656.68823
3741.0	0.0002687	3355.97974	3660.44727
3815.0	0.0002601	3356.41870	3664.85474
3651.0	0.0002778	3356.85742	3669.92944
3941.0	0.0002520	3357.29443	3675.65723
3837.0	0.0002601	3357.73022	3682.05249
3654.0	0.0002778	3358.16553	3689.11377
3625.0	0.0002778	3358.59912	3696.81006
3760.0	0.0002687	3359.03149	3705.14917
3902.0	0.0002601	3359.46265	3714.07813
3575.0	0.0002778	3359.89282	3723.58325
3605.0	0.0002778	3360.32129	3733.58398
3790.0	0.0002601	3360.74902	3744.03613
3714.0	0.0002687	3361.17505	3754.82031
3804.0	0.0002601	3361.60034	3765.85913
3748.0	0.0002687	3362.02393	3776.98462

3882.0	0.0002601	3362.44678	3788.07764
3835.0	0.0002601	3362.86841	3799.52100
3676.0	0.0002687	3363.28809	3809.96045
3894.0	0.0002601	3363.70728	3819.79663
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3735.0	0.0002687	3364.54077	3836.78174
3885.0	0.0002601	3364.95557	3843.54834
3906.0	0.0002601	3365.36963	3848.94922
3774.0	0.0002687	3365.78149	3852.83057
3706.0	0.0002687	3366.19263	3855.09717
3908.0	0.0002520	3366.60278	3855.66919
3742.0	0.0002687	3367.01099	3854.52344
3830.0	0.0002601	3367.41821	3851.66992
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3738.0	0.0002687	3368.63135	3833.71069
3823.0	0.0002601	3369.03320	3825.03784
3728.0	0.0002687	3369.43359	3815.33813
3709.0	0.0002687	3369.83228	3804.78882
3733.0	0.0002687	3370.23047	3793.58643
3779.0	0.0002687	3370.62671	3781.96118
3802.0	0.0002601	3371.02173	3770.05469
3815.0	0.0002601	3371.41504	3758.06079
3569.0	0.0002778	3371.80762	3746.09082
3713.0	0.0002687	3372.19800	3734.29761
3636.0	0.0002778	3372.58765	3722.74683
3782.0	0.0002601	3372.97534	3711.55420
3889.0	0.0002601	3373.36206	3700.75098
3617.0	0.0002778	3373.74683	3690.41821
3717.0	0.0002687	3374.13086	3680.56201
3728.0	0.0002687	3374.51343	3671.22559
3636.0	0.0002778	3374.89404	3662.69482
3560.0	0.0002778	3375.27368	3654.43604
3646.0	0.0002778	3375.65137	3646.73340
3677.0	0.0002687	3376.02832	3639.56738
3432.0	0.0002873	3376.40308	3632.95020
3745.0	0.0002687	3376.77710	3626.85596
3566.0	0.0002778	3377.14893	3621.29004
3589.0	0.0002778	3377.52002	3616.22559
3534.0	0.0002873	3377.88965	3611.65479
3568.0	0.0002778	3378.25708	3607.56860
3649.0	0.0002778	3378.62378	3603.93970
3717.0	0.0002687	3378.98853	3600.76147
3544.0	0.0002778	3379.35205	3598.00635
3593.0	0.0002778	3379.71387	3595.66724
3373.0	0.0002973	3380.07422	3593.71777
3553.0	0.0002778	3380.43311	3592.14771
3385.0	0.0002973	3380.79053	3590.93774
3496.0	0.0002873	3381.14697	3590.07104
3656.0	0.0002778	3381.50122	3589.53540
3657.0	0.0002778	3381.85449	3589.31494
3408.0	0.0002973	3382.20557	3589.39697
3614.0	0.0002778	3382.55591	3589.76807
3558.0	0.0002778	3382.90381	3590.41650

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3554.0	0.0002778	3383.59619	3592.51318
3585.0	0.0002778	3383.94019	3593.94458
3524.0	0.0002873	3384.28223	3595.61987
3867.0	0.0002601	3384.62329	3597.54004
3504.0	0.0002873	3384.96289	3599.69678
3685.0	0.0002687	3385.30029	3602.08667
3480.0	0.0002873	3385.63672	3604.71289
3497.0	0.0002873	3385.97095	3607.57153
3619.0	0.0002778	3386.30444	3610.66968
3586.0	0.0002778	3386.63550	3614.00122
3563.0	0.0002778	3386.96582	3617.58179
3610.0	0.0002778	3387.29419	3621.40674
3450.0	0.0002873	3387.62109	3625.49097
3531.0	0.0002873	3387.94678	3629.83789
3569.0	0.0002778	3388.27002	3634.44922
3479.0	0.0002873	3388.59253	3639.35083
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3516.0	0.0002873	3389.23218	3650.03369
3691.0	0.0002687	3389.54956	3655.83960
3747.0	0.0002687	3389.86572	3661.98462
3468.0	0.0002873	3390.17969	3668.46655
3875.0	0.0002601	3390.49243	3675.31128
3673.0	0.0002687	3390.80420	3682.54419
3725.0	0.0002687	3391.11328	3690.14990
3732.0	0.0002687	3391.42163	3698.17627
3858.0	0.0002601	3391.72778	3706.61621
3782.0	0.0002601	3392.03271	3715.50635
3700.0	0.0002687	3392.33594	3724.84009
3794.0	0.0002601	3392.63770	3734.65967
3670.0	0.0002687	3392.93750	3744.95190
3952.0	0.0002520	3393.23633	3755.75928
3663.0	0.0002687	3393.53271	3767.06445
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3797.0	0.0002601	3394.12231	3791.29565
3793.0	0.0002601	3394.41406	3804.20117
3818.0	0.0002601	3394.70483	3817.67114
3937.0	0.0002520	3394.99341	3831.66309
3813.0	0.0002601	3395.28101	3846.21631
3804.0	0.0002601	3395.56641	3861.27173
3902.0	0.0002601	3395.85083	3876.85669
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3920.0	0.0002520	3396.41406	3909.39551
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4047.0	0.0002441	3397.24731	3960.86963
4128.0	0.0002441	3397.52173	3978.38159
4053.0	0.0002441	3397.79468	3995.90747
4169.0	0.0002367	3398.06567	4013.24097
4122.0	0.0002441	3398.33569	4030.26147
4367.0	0.0002296	3398.60352	4046.72095
4378.0	0.0002296	3398.86987	4062.44849
4301.0	0.0002296	3399.13525	4077.23438
4203.0	0.0002367	3399.39795	4090.80469

4396.0	0.0002296	3399.65991	4103.10352
4174.0	0.0002367	3399.91968	4113.71533
4661.0	0.0002163	3400.17822	4122.62988
4481.0	0.0002228	3400.43481	4129.71533
4566.0	0.0002163	3400.69043	4134.95654
4510.0	0.0002228	3400.94360	4138.35498
4620.0	0.0002163	3401.19556	4139.99414
4462.0	0.0002228	3401.44653	4140.00098
4398.0	0.0002296	3401.69482	4138.55469
4577.0	0.0002163	3401.94238	4135.85840
4147.0	0.0002441	3402.18774	4132.14697
4442.0	0.0002228	3402.43188	4127.64697
4251.0	0.0002367	3402.67407	4122.60156
4233.0	0.0002367	3402.91504	4117.21680
4303.0	0.0002296	3403.15405	4111.71094
4296.0	0.0002296	3403.39185	4106.24854
4192.0	0.0002367	3403.62769	4100.99902
4114.0	0.0002441	3403.86230	4096.08008
4172.0	0.0002367	3404.09521	4091.60571
4037.0	0.0002441	3404.32617	4087.66895
4130.0	0.0002441	3404.55591	4084.32324
3979.0	0.0002520	3404.78394	4081.62622
4110.0	0.0002441	3405.01050	4079.60083
4034.0	0.0002441	3405.23511	4078.26660
3959.0	0.0002520	3405.45874	4077.62842
4162.0	0.0002367	3405.68018	4077.67676
4156.0	0.0002441	3405.90039	4078.39551
3976.0	0.0002520	3406.11914	4079.75854
4176.0	0.0002367	3406.33594	4081.72559
4153.0	0.0002441	3406.55151	4084.26099
4095.0	0.0002441	3406.76514	4087.30493
4003.0	0.0002520	3406.97754	4090.81250
4143.0	0.0002441	3407.18799	4094.71045
4235.0	0.0002367	3407.39722	4098.94531
4012.0	0.0002520	3407.60474	4103.43262
4186.0	0.0002367	3407.81079	4108.10547
4281.0	0.0002367	3408.01538	4112.89600
4243.0	0.0002367	3408.21802	4117.70166
4232.0	0.0002367	3408.41968	4122.46240
4159.0	0.0002441	3408.61914	4127.08154
4351.0	0.0002296	3408.81763	4131.49268
4054.0	0.0002441	3409.01416	4135.60791
4292.0	0.0002296	3409.20923	4139.35840
4158.0	0.0002441	3409.40283	4142.66260
4204.0	0.0002367	3409.59497	4145.46436
4223.0	0.0002367	3409.78540	4147.69287
4372.0	0.0002296	3409.97461	4149.29883
4505.0	0.0002228	3410.16211	4150.23340
4247.0	0.0002367	3410.34790	4150.45557
4093.0	0.0002441	3410.53247	4149.93457
4204.0	0.0002367	3410.71533	4148.65479
4164.0	0.0002367	3410.89673	4146.59375
4217.0	0.0002367	3411.07642	4143.75732
4289.0	0.0002367	3411.25488	4140.14404

4289.0	0.0002367	3411.43164	4136.46338
4140.0	0.0002441	3411.60718	4131.35791
4247.0	0.0002367	3411.78125	4125.54541
4103.0	0.0002441	3411.95337	4119.07324
4348.0	0.0002296	3412.12451	4111.96924
4266.0	0.0002367	3412.29370	4104.29590
4184.0	0.0002367	3412.46167	4096.08594
4389.0	0.0002296	3412.62793	4087.41772
4166.0	0.0002367	3412.79297	4078.32153
4162.0	0.0002367	3412.95654	4068.88379
4032.0	0.0002520	3413.11865	4059.13770
4227.0	0.0002367	3413.27930	4049.13550
4145.0	0.0002441	3413.43823	4038.96802
4225.0	0.0002367	3413.59595	4028.65381
4270.0	0.0002367	3413.75220	4018.27563
4103.0	0.0002441	3413.90698	4007.84912
4277.0	0.0002367	3414.06030	3997.45435
4129.0	0.0002441	3414.21216	3987.10645
3897.0	0.0002601	3414.36255	3976.87109
3983.0	0.0002520	3414.51172	3966.76099
4125.0	0.0002441	3414.65918	3956.83813
4140.0	0.0002441	3414.80566	3947.10645
4140.0	0.0002441	3414.95044	3937.61060
3920.0	0.0002520	3415.09375	3928.39087
3878.0	0.0002601	3415.23584	3919.44214
3858.0	0.0002601	3415.37622	3910.81909
4151.0	0.0002441	3415.51563	3902.51245
3873.0	0.0002601	3415.65332	3894.56885
4074.0	0.0002441	3415.78979	3886.97998
3827.0	0.0002601	3415.92480	3879.78809
3871.0	0.0002601	3416.05859	3872.98633
3780.0	0.0002687	3416.19092	3866.59863
4176.0	0.0002367	3416.32178	3860.65186
4149.0	0.0002441	3416.45166	3855.13940
3888.0	0.0002601	3416.57959	3850.09595
3823.0	0.0002601	3416.70679	3845.51538
3945.0	0.0002520	3416.83228	3841.42700
3994.0	0.0002520	3416.95654	3837.83154
3968.0	0.0002520	3417.07935	3834.75366
3797.0	0.0002601	3417.20093	3832.20093
3836.0	0.0002601	3417.32153	3830.18896
3850.0	0.0002601	3417.44019	3828.73291
3969.0	0.0002520	3417.55811	3827.84692
3909.0	0.0002520	3417.67432	3827.54492
3846.0	0.0002601	3417.78931	3827.84253
3983.0	0.0002520	3417.90308	3828.75244
3794.0	0.0002601	3418.01587	3830.29199
3878.0	0.0002601	3418.12695	3832.47144
3745.0	0.0002687	3418.23706	3835.30811
3612.0	0.0002778	3418.34570	3838.80933
4002.0	0.0002520	3418.45313	3842.99902
3871.0	0.0002601	3418.55957	3847.87769
4001.0	0.0002520	3418.66431	3853.45117
3868.0	0.0002601	3418.76831	3859.74243

3954.0	0.0002520	3418.87061	3866.73828
3799.0	0.0002601	3418.97192	3874.46362
3745.0	0.0002687	3419.07202	3882.89160
3750.0	0.0002687	3419.17090	3892.07886
4083.0	0.0002441	3419.26855	3901.92188
3869.0	0.0002601	3419.36523	3912.47021
3811.0	0.0002601	3419.46045	3923.68481
3811.0	0.0002601	3419.55444	3935.51831
3677.0	0.0002687	3419.64746	3947.97021
3947.0	0.0002520	3419.73926	3960.94800
3897.0	0.0002601	3419.82983	3974.43286
3985.0	0.0002520	3419.91943	3988.30566
3922.0	0.0002520	3420.00757	4002.51563
4190.0	0.0002367	3420.09473	4016.91357
4146.0	0.0002441	3420.18091	4031.40210
4120.0	0.0002441	3420.26587	4045.84912
3901.0	0.0002601	3420.34961	4060.03687
4104.0	0.0002441	3420.43237	4073.84058
4045.0	0.0002441	3420.51392	4087.02515
4048.0	0.0002441	3420.59448	4099.42725
4004.0	0.0002520	3420.67383	4110.80469
4045.0	0.0002441	3420.75220	4120.98535
4009.0	0.0002520	3420.82935	4129.75195
4274.0	0.0002367	3420.90552	4136.94434
4165.0	0.0002367	3420.98096	4142.42334
4125.0	0.0002441	3421.05493	4146.05225
4208.0	0.0002367	3421.12793	4147.78369
3961.0	0.0002520	3421.19995	4147.58301
4343.0	0.0002296	3421.27100	4144.26807
4246.0	0.0002367	3421.34082	4140.30615
4226.0	0.0002367	3421.40991	4134.58398
4096.0	0.0002441	3421.47778	4127.44434
4174.0	0.0002367	3421.54492	4118.64600
4124.0	0.0002441	3421.61084	4108.57715
4154.0	0.0002441	3421.67578	4097.40137
4089.0	0.0002441	3421.73999	4085.32178
4283.0	0.0002367	3421.80298	4072.55127
3978.0	0.0002520	3421.86499	4059.23511
4102.0	0.0002441	3421.92627	4045.58643
3994.0	0.0002520	3421.98657	4031.72217
4093.0	0.0002441	3422.04590	4017.82983
3895.0	0.0002601	3422.10425	4003.99561
4096.0	0.0002441	3422.16162	3990.37378
4055.0	0.0002441	3422.21826	3977.03076
4103.0	0.0002441	3422.27393	3964.04053
4093.0	0.0002441	3422.32886	3951.52100
3928.0	0.0002520	3422.38257	3939.47925
3959.0	0.0002520	3422.43579	3927.99805
3907.0	0.0002520	3422.48779	3917.07520
3715.0	0.0002687	3422.53931	3906.77173
3877.0	0.0002601	3422.58984	3897.07251
3849.0	0.0002601	3422.63940	3888.01831
3669.0	0.0002687	3422.68823	3879.59326
3907.0	0.0002520	3422.73633	3871.79321

3696.0	0.0002687	3422.78345	3864.69165
3706.0	0.0002687	3422.82983	3858.15698
3455.0	0.0002873	3422.87549	3852.24487
3890.0	0.0002601	3422.92017	3846.92798
3643.0	0.0002778	3422.96436	3842.07397
3910.0	0.0002520	3423.00757	3837.92969
3863.0	0.0002601	3423.05005	3834.35645
3939.0	0.0002520	3423.09180	3831.33350
3558.0	0.0002778	3423.13281	3828.85962
3646.0	0.0002778	3423.17334	3826.92114
3767.0	0.0002687	3423.21289	3825.51343
3871.0	0.0002601	3423.25171	3824.63916
3853.0	0.0002601	3423.29004	3824.29663
3930.0	0.0002520	3423.32739	3824.49170
3750.0	0.0002687	3423.36426	3825.23657
3720.0	0.0002687	3423.40039	3826.53979
3724.0	0.0002687	3423.43579	3828.42480
3594.0	0.0002778	3423.47070	3830.90796
4113.0	0.0002441	3423.50488	3834.01929
3756.0	0.0002687	3423.53833	3837.78394
3784.0	0.0002601	3423.57129	3842.22290
3721.0	0.0002687	3423.60352	3847.45654
3765.0	0.0002687	3423.63525	3853.35669
3875.0	0.0002601	3423.66626	3860.04565
3907.0	0.0002520	3423.69678	3867.53711
3697.0	0.0002687	3423.72681	3875.88818
3869.0	0.0002601	3423.75610	3885.10278
3927.0	0.0002520	3423.78467	3895.22876
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3866.0	0.0002601	3423.84082	3918.31250
3832.0	0.0002601	3423.86792	3931.31128
4046.0	0.0002441	3423.89453	3945.27856
3957.0	0.0002520	3423.92065	3960.26563
4085.0	0.0002441	3423.94629	3976.22583
3924.0	0.0002520	3423.97144	3993.20142
3979.0	0.0002520	3423.99585	4011.12378
4119.0	0.0002441	3424.02002	4030.01392
4207.0	0.0002367	3424.04370	4049.76782
4119.0	0.0002441	3424.06714	4070.38379
4231.0	0.0002367	3424.08984	4091.74780
4128.0	0.0002441	3424.11206	4113.72510
4152.0	0.0002441	3424.13403	4136.26611
4206.0	0.0002367	3424.15552	4159.17139
4171.0	0.0002367	3424.17676	4182.37842
4225.0	0.0002367	3424.19751	4205.68604
4312.0	0.0002296	3424.21777	4229.04639
4288.0	0.0002367	3424.23755	4252.30420
4119.0	0.0002441	3424.25732	4275.47852
4054.0	0.0002441	3424.27661	4298.52246
4276.0	0.0002367	3424.29541	4321.43311
4378.0	0.0002296	3424.31396	4344.35400
4304.0	0.0002296	3424.33203	4367.31445
4286.0	0.0002367	3424.34985	4390.49756
4352.0	0.0002296	3424.36743	4413.93799

4464.0	0.0002228	3424.38477	4437.78760
4568.0	0.0002163	3424.40186	4461.99707
4637.0	0.0002163	3424.41846	4486.57666
4656.0	0.0002163	3424.43506	4511.41357
4622.0	0.0002163	3424.45117	4536.16797
4591.0	0.0002163	3424.46704	4560.57520
4617.0	0.0002163	3424.48267	4584.07324
4719.0	0.0002100	3424.49829	4606.11719
4804.0	0.0002100	3424.51343	4625.91602
4807.0	0.0002100	3424.52856	4642.71533
4796.0	0.0002100	3424.54346	4655.60889
4788.0	0.0002100	3424.55811	4663.79199
4761.0	0.0002100	3424.57251	4666.51416
4684.0	0.0002163	3424.58691	4663.19434
4608.0	0.0002163	3424.60107	4653.49316
4578.0	0.0002163	3424.61499	4637.39307
4471.0	0.0002228	3424.62891	4615.08252
4375.0	0.0002296	3424.64258	4587.14502
4468.0	0.0002228	3424.65625	4554.22852
4474.0	0.0002228	3424.66968	4517.30273
4354.0	0.0002296	3424.68335	4477.21045
4346.0	0.0002296	3424.69653	4435.03076
4253.0	0.0002367	3424.70972	4391.55664
4036.0	0.0002441	3424.72314	4347.70947
3987.0	0.0002520	3424.73608	4304.31689
4083.0	0.0002441	3424.74927	4261.92822
4169.0	0.0002367	3424.76221	4221.26318
4122.0	0.0002441	3424.77539	4182.71973
4020.0	0.0002520	3424.78833	4146.86182
3966.0	0.0002520	3424.80127	4113.97559
3926.0	0.0002520	3424.81421	4084.50439
3961.0	0.0002520	3424.82739	4058.68262
4117.0	0.0002441	3424.84033	4036.76245
4208.0	0.0002367	3424.85352	4019.04810
4185.0	0.0002367	3424.86670	4005.65723
4129.0	0.0002441	3424.87988	3996.77856
4098.0	0.0002441	3424.89307	3992.48926
4111.0	0.0002441	3424.90625	3992.86206
4140.0	0.0002441	3424.91968	3998.40234
4101.0	0.0002441	3424.93335	4008.03882
4030.0	0.0002520	3424.94702	4022.16235
4083.0	0.0002441	3424.96069	4040.60010
4170.0	0.0002367	3424.97461	4063.00098
4172.0	0.0002367	3424.98853	4089.07617
4097.0	0.0002441	3425.00269	4118.29346
4260.0	0.0002367	3425.01685	4150.18408
4662.0	0.0002163	3425.03149	4184.00293
4588.0	0.0002163	3425.04614	4219.09521
4357.0	0.0002296	3425.06079	4254.50000
4509.0	0.0002228	3425.07593	4289.36377
4650.0	0.0002163	3425.09106	4322.54102
4610.0	0.0002163	3425.10645	4353.02637
4510.0	0.0002228	3425.12207	4379.63965
4551.0	0.0002228	3425.13794	4401.28174

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4665.0	0.0002163	3425.17041	4426.29346
4626.0	0.0002163	3425.18701	4428.67578
4598.0	0.0002163	3425.20410	4424.00146
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4476.0	0.0002228	3425.23877	4395.51514
4521.0	0.0002228	3425.25659	4373.27002
4488.0	0.0002228	3425.27466	4346.96631
4338.0	0.0002296	3425.29321	4317.78027
4191.0	0.0002367	3425.31201	4286.64844
4280.0	0.0002367	3425.33105	4254.64404
4371.0	0.0002296	3425.35059	4222.92334
4239.0	0.0002367	3425.37036	4191.65723
4173.0	0.0002367	3425.39063	4161.80811
4208.0	0.0002367	3425.41113	4134.05469
4217.0	0.0002367	3425.43213	4108.84229
4191.0	0.0002367	3425.45361	4086.57544
4165.0	0.0002367	3425.47534	4067.67456
4180.0	0.0002367	3425.49756	4052.33472
4236.0	0.0002367	3425.52026	4040.80615
4288.0	0.0002367	3425.54321	4033.20972
4283.0	0.0002367	3425.56689	4029.67896
4266.0	0.0002367	3425.59082	4030.28223
4260.0	0.0002367	3425.61523	4035.05884
4227.0	0.0002367	3425.64038	4044.06128
4204.0	0.0002367	3425.66553	4057.28101
4203.0	0.0002367	3425.69165	4074.76416
4178.0	0.0002367	3425.71802	4096.49512
4219.0	0.0002367	3425.74512	4122.41943
4366.0	0.0002296	3425.77246	4152.59229
4452.0	0.0002228	3425.80054	4186.88232
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4284.0	0.0002367	3425.85815	4267.71191
4362.0	0.0002296	3425.88794	4314.02539
4583.0	0.0002163	3425.91821	4363.94189
4718.0	0.0002100	3425.94897	4417.35889
4758.0	0.0002100	3425.98047	4473.87744
4740.0	0.0002100	3426.01245	4532.99658
4722.0	0.0002100	3426.04517	4594.37939
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4951.0	0.0002041	3426.11230	4720.93750
4996.0	0.0001984	3426.14673	4784.44873
5067.0	0.0001984	3426.18188	4846.88672
5181.0	0.0001929	3426.21777	4906.87061
5126.0	0.0001929	3426.25415	4963.20508
4952.0	0.0002041	3426.29126	5014.50586
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5053.0	0.0001984	3426.44678	5141.09521
5049.0	0.0001984	3426.48755	5147.99219
5122.0	0.0001929	3426.52905	5144.04248
5010.0	0.0001984	3426.57104	5129.45947
4940.0	0.0002041	3426.61401	5104.75488

4987.0	0.0001984	3426.65747	5070.83740
5005.0	0.0001984	3426.70190	5028.65088
4766.0	0.0002100	3426.74707	4979.40137
4485.0	0.0002228	3426.79297	4924.39746
4639.0	0.0002163	3426.83960	4864.69629
4817.0	0.0002100	3426.88721	4801.65869
4734.0	0.0002100	3426.93530	4736.21777
4567.0	0.0002163	3426.98462	4669.60498
4473.0	0.0002228	3427.03442	4602.55908
4427.0	0.0002228	3427.08521	4536.11328
4229.0	0.0002367	3427.13672	4470.78906
4152.0	0.0002441	3427.18921	4407.29346
4323.0	0.0002296	3427.24243	4346.21680
4215.0	0.0002367	3427.29663	4287.76611
3985.0	0.0002520	3427.35181	4232.41113
4005.0	0.0002520	3427.40771	4180.19092
4078.0	0.0002441	3427.46436	4131.38770
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4082.0	0.0002441	3427.58057	4043.91162
4039.0	0.0002441	3427.64014	4005.22998
4039.0	0.0002441	3427.70068	3969.76880
4121.0	0.0002441	3427.76196	3937.62354
4007.0	0.0002520	3427.82422	3908.37256
3731.0	0.0002687	3427.88745	3882.03174
3685.0	0.0002687	3427.95142	3858.35938
3830.0	0.0002601	3428.01660	3837.26587
3943.0	0.0002520	3428.08276	3818.52026
3820.0	0.0002601	3428.14966	3802.01636
3683.0	0.0002687	3428.21777	3787.55835
3724.0	0.0002687	3428.28687	3774.99268
3781.0	0.0002687	3428.35669	3764.22168
3764.0	0.0002687	3428.42773	3755.07056
3685.0	0.0002687	3428.49976	3747.44531
3655.0	0.0002778	3428.57275	3741.20581
3713.0	0.0002687	3428.64673	3736.26611
3790.0	0.0002601	3428.72192	3732.51001
3694.0	0.0002687	3428.79785	3729.85620
3528.0	0.0002873	3428.87500	3728.21191
3552.0	0.0002778	3428.95313	3727.49292
3688.0	0.0002687	3429.03247	3727.61938
3769.0	0.0002687	3429.11279	3728.51172
3691.0	0.0002687	3429.19409	3730.08691
3678.0	0.0002687	3429.27686	3732.26294
3757.0	0.0002687	3429.36011	3734.94849
3656.0	0.0002778	3429.44482	3738.05591
3518.0	0.0002873	3429.53076	3741.47803
3504.0	0.0002873	3429.61743	3745.11377
3559.0	0.0002778	3429.70532	3748.83691
3630.0	0.0002778	3429.79443	3752.53223
3670.0	0.0002687	3429.88477	3756.07153
3644.0	0.0002778	3429.97607	3759.31079
3559.0	0.0002778	3430.06860	3762.13086
3508.0	0.0002873	3430.16211	3764.40332
3698.0	0.0002687	3430.25708	3766.02539

3880.0	0.0002601	3430.35278	3766.90552
3730.0	0.0002687	3430.44995	3766.98438
3723.0	0.0002687	3430.54810	3766.22949
3820.0	0.0002601	3430.64746	3764.64478
3599.0	0.0002778	3430.74829	3762.37402
3566.0	0.0002778	3430.84985	3759.24341
3762.0	0.0002687	3430.95288	3755.63623
3613.0	0.0002778	3431.05713	3751.27002
3506.0	0.0002873	3431.16260	3746.42578
3670.0	0.0002687	3431.26904	3741.22046
3710.0	0.0002687	3431.37695	3735.73389
3684.0	0.0002687	3431.48584	3730.07007
3734.0	0.0002687	3431.59619	3724.29102
3782.0	0.0002687	3431.70752	3718.47339
3809.0	0.0002601	3431.82031	3712.65161
3820.0	0.0002601	3431.93433	3706.86792
3782.0	0.0002687	3432.04956	3701.15576
3754.0	0.0002687	3432.16602	3695.50757
3771.0	0.0002687	3432.28369	3689.94629
3624.0	0.0002778	3432.40259	3684.44897
3437.0	0.0002873	3432.52271	3679.02588
3511.0	0.0002873	3432.64453	3673.65234
3686.0	0.0002687	3432.76709	3668.33081
3704.0	0.0002687	3432.89111	3663.04297
3441.0	0.0002873	3433.01685	3657.77734
3340.0	0.0002973	3433.14331	3652.55176
3550.0	0.0002778	3433.27124	3647.34961
3692.0	0.0002687	3433.40039	3642.19238
3700.0	0.0002687	3433.53101	3637.07593
3607.0	0.0002778	3433.66284	3632.02881
3429.0	0.0002873	3433.79614	3627.05029
3399.0	0.0002973	3433.93042	3622.17310
3572.0	0.0002778	3434.06641	3617.40308
3508.0	0.0002873	3434.20361	3612.75220
3385.0	0.0002973	3434.34204	3608.25317
3527.0	0.0002873	3434.48193	3603.90063
3627.0	0.0002778	3434.62280	3599.71655
3612.0	0.0002778	3434.76563	3595.70068
3606.0	0.0002778	3434.90918	3591.86572
3544.0	0.0002778	3435.05444	3588.20532
3468.0	0.0002873	3435.20093	3584.73486
3497.0	0.0002873	3435.34888	3581.43921
3549.0	0.0002778	3435.49805	3578.32959
3555.0	0.0002778	3435.64893	3575.28833
3528.0	0.0002873	3435.80103	3572.52930
3486.0	0.0002873	3435.95410	3569.94458
3454.0	0.0002873	3436.10889	3567.52100
3466.0	0.0002873	3436.26514	3565.26416
3543.0	0.0002778	3436.42261	3563.15967
3651.0	0.0002778	3436.58130	3561.20825
3685.0	0.0002687	3436.74170	3559.40161
3624.0	0.0002778	3436.90332	3557.73779
3533.0	0.0002873	3437.06641	3556.30957
3544.0	0.0002778	3437.23096	3554.90820

3572.0	0.0002778	3437.39673	3553.63623
3495.0	0.0002873	3437.56396	3552.48340
3501.0	0.0002873	3437.73242	3551.44873
3560.0	0.0002778	3437.90259	3550.52393
3499.0	0.0002873	3438.07397	3549.70898
3475.0	0.0002873	3438.24707	3548.99536
3489.0	0.0002873	3438.42114	3548.38379
3395.0	0.0002973	3438.59692	3547.86572
3432.0	0.0002873	3438.77417	3547.44092
3632.0	0.0002778	3438.95264	3547.10645
3668.0	0.0002687	3439.13281	3547.08252
3592.0	0.0002778	3439.31396	3546.91797
3529.0	0.0002873	3439.49683	3546.83521
3468.0	0.0002873	3439.68091	3546.82959
3415.0	0.0002973	3439.86670	3546.90137
3404.0	0.0002973	3440.05371	3547.04565
3493.0	0.0002873	3440.24243	3547.26416
3598.0	0.0002778	3440.43213	3547.55322
3614.0	0.0002778	3440.62378	3547.91211
3591.0	0.0002778	3440.81665	3548.34155
3516.0	0.0002873	3441.01074	3548.83521
3400.0	0.0002973	3441.20654	3549.39868
3520.0	0.0002873	3441.40356	3550.02856
3733.0	0.0002687	3441.60229	3550.72607
3632.0	0.0002778	3441.80225	3551.48877
3572.0	0.0002778	3442.00391	3552.32153
3696.0	0.0002687	3442.20654	3553.21924
3725.0	0.0002687	3442.41113	3554.18921
3733.0	0.0002687	3442.61719	3555.22900
3772.0	0.0002687	3442.82422	3556.33765
3693.0	0.0002687	3443.03296	3557.52246
3495.0	0.0002873	3443.24292	3558.77881
3403.0	0.0002973	3443.45483	3560.11450
3648.0	0.0002778	3443.66772	3561.52856
3468.0	0.0002873	3443.88232	3563.02563
3575.0	0.0002778	3444.09814	3564.60742
3642.0	0.0002778	3444.31543	3566.27832
3486.0	0.0002873	3444.53467	3568.04395
3667.0	0.0002687	3444.75464	3569.90283
3583.0	0.0002778	3444.97656	3571.79907
3622.0	0.0002778	3445.19971	3573.86572
3675.0	0.0002687	3445.42432	3576.04492
3763.0	0.0002687	3445.65039	3578.33911
3777.0	0.0002687	3445.87793	3580.75928
3569.0	0.0002778	3446.10693	3583.30518
3616.0	0.0002778	3446.33716	3585.99048
3686.0	0.0002687	3446.56934	3588.82349
3711.0	0.0002687	3446.80249	3591.80298
3717.0	0.0002687	3447.03760	3594.94678
3569.0	0.0002778	3447.27344	3598.25635
3592.0	0.0002778	3447.51123	3601.75049
3756.0	0.0002687	3447.75024	3605.42773
3555.0	0.0002778	3447.99072	3609.31299
3947.0	0.0002520	3448.23242	3613.40259

3567.0	0.0002778	3448.47607	3617.72388
3596.0	0.0002778	3448.72070	3622.27197
3715.0	0.0002687	3448.96704	3627.07715
3618.0	0.0002778	3449.21509	3632.30981
3690.0	0.0002687	3449.46387	3637.64673
3729.0	0.0002687	3449.71460	3643.28174
3712.0	0.0002687	3449.96631	3649.21313
3753.0	0.0002687	3450.21997	3655.47583
3578.0	0.0002778	3450.47461	3662.06543
3681.0	0.0002687	3450.73096	3669.01685
3602.0	0.0002778	3450.98853	3676.32764
3789.0	0.0002601	3451.24756	3684.02686
3695.0	0.0002687	3451.50830	3692.14063
4027.0	0.0002520	3451.77002	3700.65356
3759.0	0.0002687	3452.03345	3709.61572
3849.0	0.0002601	3452.29810	3719.01416
3772.0	0.0002687	3452.56421	3728.89429
3738.0	0.0002687	3452.83179	3739.24194
3431.0	0.0002873	3453.10083	3750.10278
4029.0	0.0002520	3453.37109	3761.45874
3786.0	0.0002601	3453.64258	3773.34741
3855.0	0.0002601	3453.91602	3785.79199
4112.0	0.0002441	3454.19043	3798.75586
3838.0	0.0002601	3454.46655	3812.29468
4017.0	0.0002520	3454.74365	3826.37402
4004.0	0.0002520	3455.02246	3841.04175
4216.0	0.0002367	3455.30200	3856.25024
3936.0	0.0002520	3455.58374	3872.04175
3955.0	0.0002520	3455.86621	3888.36548
3891.0	0.0002601	3456.15039	3905.25098
4316.0	0.0002296	3456.43555	3922.63062
4182.0	0.0002367	3456.72266	3940.67456
4082.0	0.0002441	3457.01099	3959.03467
4174.0	0.0002367	3457.30029	3977.78198
4316.0	0.0002296	3457.59131	3996.91748
4226.0	0.0002367	3457.88330	4016.32007
4006.0	0.0002520	3458.17700	4035.96875
4361.0	0.0002296	3458.47168	4055.71411
4155.0	0.0002441	3458.76807	4075.50952
3948.0	0.0002520	3459.06543	4095.18579
4138.0	0.0002441	3459.36426	4114.63232
4211.0	0.0002367	3459.66479	4133.72363
4210.0	0.0002367	3459.96606	4152.22803
4359.0	0.0002296	3460.26904	4170.03760
4256.0	0.0002367	3460.57300	4186.97070
4496.0	0.0002228	3460.87842	4202.78467
4336.0	0.0002296	3461.18481	4217.29688
4480.0	0.0002228	3461.49316	4230.36523
4347.0	0.0002296	3461.80200	4241.77637
4266.0	0.0002367	3462.11230	4251.39648
4440.0	0.0002228	3462.42456	4259.08936
4238.0	0.0002367	3462.73730	4264.71240
4280.0	0.0002367	3463.05200	4268.21289
4667.0	0.0002163	3463.36719	4269.52588

4365.0	0.0002296	3463.68408	4268.64941
4350.0	0.0002296	3464.00195	4265.60791
4335.0	0.0002296	3464.32129	4260.45313
4358.0	0.0002296	3464.64160	4253.29053
4282.0	0.0002367	3464.96338	4244.22607
4448.0	0.0002228	3465.28613	4233.42773
4352.0	0.0002296	3465.61060	4221.03076
4284.0	0.0002367	3465.93604	4207.22266
4228.0	0.0002367	3466.26221	4192.21729
4020.0	0.0002520	3466.59033	4176.15186
4224.0	0.0002367	3466.91895	4159.26318
4216.0	0.0002367	3467.24927	4141.67578
4075.0	0.0002441	3467.58032	4123.61328
4205.0	0.0002367	3467.91284	4105.17334
3991.0	0.0002520	3468.24634	4086.55957
3944.0	0.0002520	3468.58130	4067.84448
4123.0	0.0002441	3468.91724	4049.17139
3973.0	0.0002520	3469.25439	4030.67065
4095.0	0.0002441	3469.59253	4012.37280
4001.0	0.0002520	3469.93164	3994.40747
4141.0	0.0002441	3470.27246	3976.78467
4018.0	0.0002520	3470.61353	3959.60669
3938.0	0.0002520	3470.95654	3942.86670
4042.0	0.0002441	3471.29980	3926.78613
3905.0	0.0002601	3471.64478	3911.07690
4180.0	0.0002367	3471.99121	3895.88623
3984.0	0.0002520	3472.33789	3881.28198
4051.0	0.0002441	3472.68604	3867.21777
3965.0	0.0002520	3473.03491	3853.74023
3944.0	0.0002520	3473.38525	3840.80811
3850.0	0.0002601	3473.73608	3828.45630
3848.0	0.0002601	3474.08862	3816.64575
3919.0	0.0002520	3474.44165	3805.39868
3790.0	0.0002601	3474.79614	3794.67505
3824.0	0.0002601	3475.15112	3784.49683
3734.0	0.0002687	3475.50781	3774.81714
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3682.0	0.0002687	3476.22314	3756.96777
3948.0	0.0002520	3476.58276	3748.75391
3848.0	0.0002601	3476.94263	3741.00830
3782.0	0.0002687	3477.30420	3733.69727
3618.0	0.0002778	3477.66626	3726.82324
3612.0	0.0002778	3478.02930	3720.35181
3788.0	0.0002601	3478.39331	3714.28687
3669.0	0.0002687	3478.75854	3708.59326
3925.0	0.0002520	3479.12427	3703.26855
3866.0	0.0002601	3479.49097	3698.30225
3584.0	0.0002778	3479.85913	3693.66772
3639.0	0.0002778	3480.22729	3689.36401
3865.0	0.0002601	3480.59692	3685.36548
3637.0	0.0002778	3480.96680	3681.67114
3774.0	0.0002687	3481.33838	3678.25806
3799.0	0.0002601	3481.70996	3675.12500
3568.0	0.0002778	3482.08301	3672.25488

3815.0	0.0002601	3482.45728	3669.63770
3719.0	0.0002687	3482.83154	3667.26953
3687.0	0.0002687	3483.20703	3665.13770
3675.0	0.0002687	3483.58276	3663.23877
3663.0	0.0002687	3483.96021	3661.56201
3734.0	0.0002687	3484.33740	3660.10669
3587.0	0.0002778	3484.71631	3658.86597
3777.0	0.0002687	3485.09521	3657.83716
3677.0	0.0002687	3485.47534	3657.01855
3806.0	0.0002601	3485.85669	3656.40747
3651.0	0.0002778	3486.23779	3656.01050
3648.0	0.0002778	3486.62036	3655.82568
3627.0	0.0002778	3487.00293	3655.85864
3854.0	0.0002601	3487.38696	3656.11450
3743.0	0.0002687	3487.77100	3656.60254
3884.0	0.0002601	3488.15625	3657.33032
3460.0	0.0002873	3488.54175	3658.30933
3679.0	0.0002687	3488.92847	3659.55640
3908.0	0.0002520	3489.31519	3661.08472
3596.0	0.0002778	3489.70313	3662.91406
3739.0	0.0002687	3490.09155	3665.06445
3615.0	0.0002778	3490.48022	3667.55371
3757.0	0.0002687	3490.87012	3670.41431
3656.0	0.0002778	3491.25977	3673.66357
3742.0	0.0002687	3491.65088	3677.33716
3874.0	0.0002601	3492.04175	3681.45654
3880.0	0.0002601	3492.43384	3686.06299
3682.0	0.0002687	3492.82593	3691.17529
3899.0	0.0002601	3493.21899	3696.83447
4020.0	0.0002520	3493.61279	3703.07666
3856.0	0.0002601	3494.00635	3709.91187
3852.0	0.0002601	3494.40137	3717.39233
4040.0	0.0002441	3494.79590	3725.51929
3849.0	0.0002601	3495.19165	3734.35571
3879.0	0.0002601	3495.58716	3743.87402
3910.0	0.0002520	3495.98389	3754.12988
3926.0	0.0002520	3496.38037	3765.10254
4100.0	0.0002441	3496.77783	3776.82153
3971.0	0.0002520	3497.17603	3789.29590
4035.0	0.0002441	3497.57373	3802.46777
3989.0	0.0002520	3497.97266	3816.37109
4136.0	0.0002441	3498.37134	3830.93286
4070.0	0.0002441	3498.77075	3846.15967
4264.0	0.0002367	3499.17017	3861.95190
4149.0	0.0002441	3499.57056	3878.29297
4162.0	0.0002367	3499.97046	3895.05444
4389.0	0.0002296	3500.37158	3912.18799
3901.0	0.0002601	3500.77222	3929.53125
4260.0	0.0002367	3501.17383	3947.00513
4220.0	0.0002367	3501.57568	3964.44336
4276.0	0.0002367	3501.97729	3981.67090
4216.0	0.0002367	3502.37964	3998.59351
4246.0	0.0002367	3502.78174	4015.02563
4329.0	0.0002296	3503.18457	4030.90576

4323.0	0.0002296	3503.58716	4046.12842
4203.0	0.0002367	3503.99048	4060.73706
4257.0	0.0002367	3504.39331	4074.76367
4327.0	0.0002296	3504.79712	4088.40845
4283.0	0.0002367	3505.20117	4101.89697
4340.0	0.0002296	3505.60474	4115.54004
4310.0	0.0002296	3506.00879	4129.76953
4272.0	0.0002367	3506.41260	4144.98828
4405.0	0.0002296	3506.81714	4161.71289
4387.0	0.0002296	3507.22119	4180.35742
4792.0	0.0002100	3507.62598	4201.43604
4322.0	0.0002296	3508.03027	4225.28760
4475.0	0.0002228	3508.43481	4252.31006
4298.0	0.0002296	3508.84009	4282.82715
4386.0	0.0002296	3509.24438	4316.87744
4549.0	0.0002228	3509.64941	4354.69385
4671.0	0.0002163	3510.05396	4396.14795
4455.0	0.0002228	3510.45898	4441.24023
4690.0	0.0002163	3510.86353	4489.59521
4457.0	0.0002228	3511.26855	4540.96338
4559.0	0.0002163	3511.67285	4594.69092
4670.0	0.0002163	3512.07788	4650.27930
4733.0	0.0002100	3512.48218	4706.75537
4863.0	0.0002041	3512.88696	4763.32275
4675.0	0.0002163	3513.29175	4818.76855
4556.0	0.0002228	3513.69580	4871.73291
5052.0	0.0001984	3514.10034	4920.96826
4766.0	0.0002100	3514.50391	4964.83398
4720.0	0.0002100	3514.90820	5001.95996
5058.0	0.0001984	3515.31177	5031.06396
4944.0	0.0002041	3515.71558	5050.54346
4879.0	0.0002041	3516.11865	5059.70020
4770.0	0.0002100	3516.52222	5058.10547
5049.0	0.0001984	3516.92578	5045.74902
4814.0	0.0002100	3517.32813	5023.15625
4835.0	0.0002041	3517.73096	4991.13965
4540.0	0.0002228	3518.13306	4950.97803
4555.0	0.0002228	3518.53540	4903.89941
4735.0	0.0002100	3518.93677	4851.47363
4514.0	0.0002228	3519.33838	4794.93457
4478.0	0.0002228	3519.73950	4735.76953
4327.0	0.0002296	3520.14014	4675.02783
4382.0	0.0002296	3520.54126	4613.71777
4346.0	0.0002296	3520.94116	4552.97461
4116.0	0.0002441	3521.34106	4493.34082
4259.0	0.0002367	3521.74023	4435.63867
4191.0	0.0002367	3522.13965	4380.21826
4201.0	0.0002367	3522.53784	4327.65381
4099.0	0.0002441	3522.93628	4278.10400
4228.0	0.0002367	3523.33374	4231.93262
4125.0	0.0002441	3523.73145	4189.14063
4165.0	0.0002367	3524.12769	4149.91553
4145.0	0.0002441	3524.52441	4114.13623
3966.0	0.0002520	3524.92041	4081.80835

4068.0	0.0002441	3525.31543	4052.86914
4216.0	0.0002367	3525.71045	4027.09570
3937.0	0.0002520	3526.10449	4004.40015
4103.0	0.0002441	3526.49829	3984.53467
4047.0	0.0002441	3526.89111	3967.37085
4110.0	0.0002441	3527.28418	3952.66797
4001.0	0.0002520	3527.67554	3940.28296
4061.0	0.0002441	3528.06714	3930.00269
3874.0	0.0002601	3528.45825	3921.68604
4121.0	0.0002441	3528.84790	3915.19458
4213.0	0.0002367	3529.23779	3910.38159
4072.0	0.0002441	3529.62598	3907.15332
4097.0	0.0002441	3530.01440	3905.41260
4002.0	0.0002520	3530.40161	3905.09717
3936.0	0.0002520	3530.78833	3906.15454
3910.0	0.0002520	3531.17407	3908.55200
4309.0	0.0002296	3531.55908	3912.27759
4027.0	0.0002520	3531.94409	3917.35303
3779.0	0.0002687	3532.32764	3923.74268
4162.0	0.0002367	3532.71045	3931.50732
3908.0	0.0002520	3533.09229	3940.65576
3802.0	0.0002601	3533.47388	3951.26514
4225.0	0.0002367	3533.85400	3963.34814
4109.0	0.0002441	3534.23389	3976.99561
4115.0	0.0002441	3534.61206	3992.22217
3975.0	0.0002520	3534.98999	4009.12158
4264.0	0.0002367	3535.36743	4027.77124
4109.0	0.0002441	3535.74316	4048.15356
4095.0	0.0002441	3536.11841	4070.39771
4167.0	0.0002367	3536.49219	4094.48511
4323.0	0.0002296	3536.86572	4120.52881
4247.0	0.0002367	3537.23755	4148.48291
4363.0	0.0002296	3537.60913	4178.45264
4369.0	0.0002296	3537.97900	4210.35449
4374.0	0.0002296	3538.34839	4244.27637
4185.0	0.0002367	3538.71631	4280.09180
4423.0	0.0002228	3539.08374	4317.85596
4396.0	0.0002296	3539.45020	4357.44385
4860.0	0.0002041	3539.81494	4398.68652
4255.0	0.0002367	3540.17920	4441.56445
4682.0	0.0002163	3540.54199	4485.77100
4808.0	0.0002100	3540.90381	4531.21240
4671.0	0.0002163	3541.26416	4577.46729
4894.0	0.0002041	3541.62378	4624.33691
5019.0	0.0001984	3541.98193	4671.27344
4818.0	0.0002100	3542.33887	4717.90674
5010.0	0.0001984	3542.69531	4763.72510
4935.0	0.0002041	3543.05005	4807.93799
5076.0	0.0001984	3543.40381	4850.03174
5064.0	0.0001984	3543.75586	4889.15771
5284.0	0.0001877	3544.10718	4924.67871
5244.0	0.0001929	3544.45654	4955.88965
5216.0	0.0001929	3544.80542	4981.84619
5515.0	0.0001826	3545.15234	5001.98438

5549.0	0.0001826	3545.49854	5015.81982
5199.0	0.0001929	3545.84351	5022.95703
5317.0	0.0001877	3546.18628	5023.16504
5152.0	0.0001929	3546.52856	5016.43213
5281.0	0.0001877	3546.86890	5002.95361
5231.0	0.0001929	3547.20825	4983.03662
5211.0	0.0001929	3547.54565	4957.24561
5245.0	0.0001929	3547.88232	4926.12988
4892.0	0.0002041	3548.21704	4890.48535
5154.0	0.0001929	3548.55078	4850.95166
4791.0	0.0002100	3548.88281	4808.40088
4705.0	0.0002100	3549.21338	4763.43311
4888.0	0.0002041	3549.54297	4716.79688
4650.0	0.0002163	3549.87012	4669.19043
4660.0	0.0002163	3550.19678	4621.02539
4542.0	0.0002228	3550.52100	4572.93066
4382.0	0.0002296	3550.84424	4525.17139
4549.0	0.0002228	3551.16577	4478.24463
4581.0	0.0002163	3551.48584	4432.29248
4287.0	0.0002367	3551.80396	4387.68604
4466.0	0.0002228	3552.12109	4344.47705
4311.0	0.0002296	3552.43652	4302.87402
4096.0	0.0002441	3552.74976	4263.04297
4111.0	0.0002441	3553.06177	4224.93652
4159.0	0.0002441	3553.37183	4188.72168
4170.0	0.0002367	3553.68066	4154.31104
4067.0	0.0002441	3553.98730	4121.81787
4128.0	0.0002441	3554.29272	4091.12866
4171.0	0.0002367	3554.59595	4062.31128
4035.0	0.0002441	3554.89795	4035.26294
3885.0	0.0002601	3555.19849	4009.91919
3845.0	0.0002601	3555.49658	3986.31836
4000.0	0.0002520	3555.79346	3964.30713
3780.0	0.0002687	3556.08789	3943.88354
3809.0	0.0002601	3556.38110	3924.91260
4051.0	0.0002441	3556.67212	3907.37891
4038.0	0.0002441	3556.96167	3891.15210
3821.0	0.0002601	3557.24878	3876.20166
3839.0	0.0002601	3557.53491	3862.40796
3852.0	0.0002601	3557.81860	3849.73706
3923.0	0.0002520	3558.10059	3838.07422
3793.0	0.0002601	3558.38086	3827.36816
3696.0	0.0002687	3558.65918	3817.56641
3645.0	0.0002778	3558.93530	3808.56934
3777.0	0.0002687	3559.20972	3800.34326
3824.0	0.0002601	3559.48218	3792.80469
3928.0	0.0002520	3559.75244	3785.91821
3930.0	0.0002520	3560.02124	3779.61475
3700.0	0.0002687	3560.28760	3773.86304
3743.0	0.0002687	3560.55225	3768.60620
3670.0	0.0002687	3560.81494	3763.80908
3963.0	0.0002520	3561.07544	3759.44165
3720.0	0.0002687	3561.33398	3755.45923
3767.0	0.0002687	3561.59009	3751.84570

3662.0	0.0002687	3561.84473	3748.55981
3564.0	0.0002778	3562.09692	3745.58984
3737.0	0.0002687	3562.34741	3742.90552
3768.0	0.0002687	3562.59521	3740.49634
3507.0	0.0002873	3562.84131	3738.34106
3816.0	0.0002601	3563.08569	3736.42310
3887.0	0.0002601	3563.32715	3734.92554
3701.0	0.0002687	3563.56689	3733.46118
3660.0	0.0002778	3563.80420	3732.21216
3732.0	0.0002687	3564.03979	3731.16748
3821.0	0.0002601	3564.27271	3730.32715
3837.0	0.0002601	3564.50366	3729.68823
3831.0	0.0002601	3564.73242	3729.24927
3775.0	0.0002687	3564.95898	3729.01489
3702.0	0.0002687	3565.18311	3728.98804
3732.0	0.0002687	3565.40527	3729.18042
3799.0	0.0002601	3565.62524	3729.61108
3790.0	0.0002601	3565.84253	3730.26904
3666.0	0.0002687	3566.05786	3731.25708
3636.0	0.0002778	3566.27075	3732.46167
3794.0	0.0002601	3566.48169	3733.97998
3786.0	0.0002601	3566.68970	3735.84424
3699.0	0.0002687	3566.89575	3738.10376
3762.0	0.0002687	3567.09937	3740.80396
3793.0	0.0002601	3567.30078	3744.00952
3744.0	0.0002687	3567.50000	3747.78833
3709.0	0.0002687	3567.69629	3752.21436
3742.0	0.0002687	3567.89063	3757.38940
3765.0	0.0002687	3568.08228	3763.40063
3676.0	0.0002687	3568.27173	3770.37744
3778.0	0.0002687	3568.45850	3778.51929
4003.0	0.0002520	3568.64331	3787.78711
3866.0	0.0002601	3568.82520	3798.38525
3713.0	0.0002687	3569.00488	3810.48340
3791.0	0.0002601	3569.18237	3824.23730
3806.0	0.0002601	3569.35693	3839.73486
3801.0	0.0002601	3569.52930	3857.17188
3879.0	0.0002601	3569.69897	3876.61987
3943.0	0.0002520	3569.86621	3898.24438
3942.0	0.0002520	3570.03076	3922.06763
3888.0	0.0002601	3570.19312	3948.21997
3854.0	0.0002601	3570.35278	3976.64941
3878.0	0.0002601	3570.50977	4007.40283
3958.0	0.0002520	3570.66455	4040.45337
4043.0	0.0002441	3570.81641	4075.56470
4076.0	0.0002441	3570.96606	4112.70508
4051.0	0.0002441	3571.11279	4151.53906
4148.0	0.0002441	3571.25708	4191.89697
4302.0	0.0002296	3571.39868	4233.30273
4222.0	0.0002367	3571.53760	4275.44775
4075.0	0.0002441	3571.67407	4317.70361
4072.0	0.0002441	3571.80786	4359.61768
4240.0	0.0002367	3571.93896	4400.41455
4300.0	0.0002296	3572.06738	4439.51465

4165.0	0.0002367	3572.19336	4476.13379
4212.0	0.0002367	3572.31641	4509.51074
4395.0	0.0002296	3572.43701	4539.10059
4500.0	0.0002228	3572.55469	4564.29932
4453.0	0.0002228	3572.66968	4584.83740
4323.0	0.0002296	3572.78198	4600.51123
4265.0	0.0002367	3572.89185	4611.43896
4430.0	0.0002228	3572.99854	4617.84766
4621.0	0.0002163	3573.10278	4620.15918
4542.0	0.0002228	3573.20435	4618.85107
4481.0	0.0002228	3573.30298	4614.44287
4527.0	0.0002228	3573.39893	4607.40625
4504.0	0.0002228	3573.49194	4598.18359
4461.0	0.0002228	3573.58252	4587.09277
4392.0	0.0002296	3573.67017	4574.41455
4211.0	0.0002367	3573.75488	4560.27832
4176.0	0.0002367	3573.83691	4544.81299
4389.0	0.0002296	3573.91602	4528.01807
4556.0	0.0002163	3573.99243	4509.87402
4492.0	0.0002228	3574.06616	4490.43750
4276.0	0.0002367	3574.13696	4469.62061
4310.0	0.0002296	3574.20483	4447.50830
4402.0	0.0002296	3574.27002	4424.08936
4256.0	0.0002367	3574.33203	4399.53516
4144.0	0.0002441	3574.39136	4373.91650
4221.0	0.0002367	3574.44800	4347.49902
4394.0	0.0002296	3574.50146	4320.41260
4278.0	0.0002367	3574.55225	4292.97021
4020.0	0.0002520	3574.60010	4265.32373
4091.0	0.0002441	3574.64502	4237.73926
4206.0	0.0002367	3574.68701	4210.46875
4189.0	0.0002367	3574.72632	4183.61426
4148.0	0.0002441	3574.76245	4157.41650
4063.0	0.0002441	3574.79565	4131.92627
3906.0	0.0002601	3574.82617	4107.32666
3727.0	0.0002687	3574.85376	4083.62573
3735.0	0.0002687	3574.87817	4060.95142
3920.0	0.0002520	3574.89966	4039.27881
3873.0	0.0002601	3574.91846	4018.66870
3847.0	0.0002601	3574.93408	3999.15918
4086.0	0.0002441	3574.94678	3980.69897
4117.0	0.0002441	3574.95654	3963.33301
4031.0	0.0002520	3574.96313	3946.99976
4099.0	0.0002441	3574.96704	3931.72656
3963.0	0.0002520	3574.96777	3917.43921
3750.0	0.0002687	3574.96558	3904.15527
3851.0	0.0002601	3574.96069	3891.80518
3967.0	0.0002520	3574.95239	3880.34692
3904.0	0.0002601	3574.94116	3869.77905
3742.0	0.0002687	3574.92700	3860.01880
3659.0	0.0002778	3574.90991	3851.04663
3726.0	0.0002687	3574.88965	3842.78589
3850.0	0.0002601	3574.86646	3835.21460
3873.0	0.0002601	3574.84033	3828.25610

3765.0	0.0002687	3574.81104	3821.88330
3699.0	0.0002687	3574.77881	3816.02710
3727.0	0.0002687	3574.74341	3810.65674
3796.0	0.0002601	3574.70508	3805.71289
3790.0	0.0002601	3574.66382	3801.16187
3736.0	0.0002687	3574.61938	3796.97290
3727.0	0.0002687	3574.57178	3793.09839
3811.0	0.0002601	3574.52124	3789.52222
3907.0	0.0002520	3574.46777	3786.29150
3904.0	0.0002601	3574.41113	3783.23389
3854.0	0.0002601	3574.35132	3780.40503
3802.0	0.0002601	3574.28857	3777.80298
3763.0	0.0002687	3574.22290	3775.41235
3770.0	0.0002687	3574.15381	3773.23315
3779.0	0.0002687	3574.08179	3771.26636
3702.0	0.0002687	3574.00684	3769.50684
3658.0	0.0002778	3573.92871	3767.96167
3693.0	0.0002687	3573.84766	3766.63330
3675.0	0.0002687	3573.76343	3765.57495
3649.0	0.0002778	3573.67578	3764.69775
3698.0	0.0002687	3573.58569	3764.05981
3831.0	0.0002601	3573.49219	3763.66504
3916.0	0.0002520	3573.39526	3763.52734
3857.0	0.0002601	3573.29565	3763.65308
3784.0	0.0002601	3573.19287	3764.05908
3794.0	0.0002601	3573.08716	3764.76294
3869.0	0.0002601	3572.97803	3765.75830
3811.0	0.0002601	3572.86621	3767.06958
3729.0	0.0002687	3572.75098	3768.71191
3854.0	0.0002601	3572.63281	3770.69897
3912.0	0.0002520	3572.51147	3773.05249
3831.0	0.0002601	3572.38696	3775.78394
3802.0	0.0002601	3572.25952	3778.91968
3774.0	0.0002687	3572.12891	3782.47461
3719.0	0.0002687	3571.99536	3786.46240
3726.0	0.0002687	3571.85840	3790.91504
3846.0	0.0002601	3571.71875	3795.83936
3968.0	0.0002520	3571.57544	3801.26831
3827.0	0.0002601	3571.42969	3807.20581
3683.0	0.0002687	3571.28027	3813.68555
3795.0	0.0002601	3571.12817	3820.70508
3939.0	0.0002520	3570.97290	3828.29712
4013.0	0.0002520	3570.81421	3836.46387
4018.0	0.0002520	3570.65283	3845.19849
3962.0	0.0002520	3570.48828	3854.53223
3956.0	0.0002520	3570.32080	3864.43433
4051.0	0.0002441	3570.14990	3874.92749
3918.0	0.0002520	3569.97607	3885.97217
3744.0	0.0002687	3569.79907	3897.58154
3970.0	0.0002520	3569.61938	3909.70044
3958.0	0.0002520	3569.43604	3922.32422
3706.0	0.0002687	3569.24976	3935.42578
3978.0	0.0002520	3569.06055	3948.91528
4231.0	0.0002367	3568.86816	3962.78491

4141.0	0.0002441	3568.67310	3976.93750
4206.0	0.0002367	3568.47461	3991.34375
4215.0	0.0002367	3568.27319	4005.87988
3996.0	0.0002520	3568.06836	4020.49463
3960.0	0.0002520	3567.86108	4035.03809
4136.0	0.0002441	3567.65039	4049.41895
4296.0	0.0002296	3567.43652	4063.51221
4186.0	0.0002367	3567.21997	4077.10742
4014.0	0.0002520	3567.00000	4090.08472
4115.0	0.0002441	3566.77734	4102.21875
4305.0	0.0002296	3566.55127	4113.35547
4409.0	0.0002296	3566.32275	4123.26514
4358.0	0.0002296	3566.09058	4131.79346
4188.0	0.0002367	3565.85571	4138.74951
4040.0	0.0002441	3565.61768	4144.01855
4066.0	0.0002441	3565.37695	4147.49609
4058.0	0.0002441	3565.13281	4149.15137
3969.0	0.0002520	3564.88574	4148.99854
4033.0	0.0002441	3564.63574	4147.11182
4180.0	0.0002367	3564.38257	4143.61377
4223.0	0.0002367	3564.12720	4138.68652
4045.0	0.0002441	3563.86792	4132.51367
4006.0	0.0002520	3563.60620	4125.33789
4277.0	0.0002367	3563.34106	4117.37061
4272.0	0.0002367	3563.07324	4108.86523
4045.0	0.0002441	3562.80273	4100.02100
3956.0	0.0002520	3562.52856	4091.03247
4052.0	0.0002441	3562.25195	4082.11304
4181.0	0.0002367	3561.97217	4073.39160
4163.0	0.0002367	3561.68970	4065.02954
4066.0	0.0002441	3561.40430	4057.12036
3973.0	0.0002520	3561.11597	4049.77563
3932.0	0.0002520	3560.82446	4043.05713
3974.0	0.0002520	3560.53003	4037.03784
4066.0	0.0002441	3560.23315	4031.75269
4120.0	0.0002441	3559.93237	4027.22534
4161.0	0.0002367	3559.63013	4023.49365
4175.0	0.0002367	3559.32397	4020.54370
4076.0	0.0002441	3559.01538	4018.38403
3986.0	0.0002520	3558.70337	4016.99341
4024.0	0.0002520	3558.38965	4016.35352
4135.0	0.0002441	3558.07202	4016.43018
4153.0	0.0002441	3557.75195	4017.18774
4007.0	0.0002520	3557.42871	4018.57959
3933.0	0.0002520	3557.10352	4020.55542
3970.0	0.0002520	3556.77466	4023.05640
4003.0	0.0002520	3556.44312	4026.01831
3924.0	0.0002520	3556.10889	4029.36230
3837.0	0.0002601	3555.77173	4033.01929
3912.0	0.0002520	3555.43262	4036.89160
3924.0	0.0002520	3555.08960	4040.89014
3906.0	0.0002601	3554.74438	4044.89990
4107.0	0.0002441	3554.39624	4048.81738
4133.0	0.0002441	3554.04565	4052.50024

3932.0	0.0002520	3553.69214	4055.82739
4011.0	0.0002520	3553.33569	4058.64819
4144.0	0.0002441	3552.97681	4060.80713
4092.0	0.0002441	3552.61475	4062.16797
4038.0	0.0002441	3552.25049	4062.58716
3957.0	0.0002520	3551.88330	4061.94043
3842.0	0.0002601	3551.51416	4060.13208
3905.0	0.0002601	3551.14136	4057.08838
3934.0	0.0002520	3550.76660	4052.79517
3741.0	0.0002687	3550.38892	4047.25366
3839.0	0.0002601	3550.00781	4040.51367
4102.0	0.0002441	3549.62549	4032.75977
4077.0	0.0002441	3549.23975	4023.96387
4035.0	0.0002441	3548.85181	4014.36230
4112.0	0.0002441	3548.46069	4004.08936
4188.0	0.0002367	3548.06812	3993.34058
4157.0	0.0002441	3547.67188	3982.24829
4022.0	0.0002520	3547.27368	3971.00195
3907.0	0.0002520	3546.87256	3959.71240
3920.0	0.0002520	3546.46973	3948.53857
4017.0	0.0002520	3546.06323	3937.56372
3990.0	0.0002520	3545.65454	3926.90332
3906.0	0.0002601	3545.24390	3916.65869
3884.0	0.0002601	3544.83008	3907.18164
3919.0	0.0002520	3544.41479	3897.93677
3934.0	0.0002520	3543.99609	3889.25952
3881.0	0.0002601	3543.57568	3881.21362
3835.0	0.0002601	3543.15210	3873.80859
3858.0	0.0002601	3542.72656	3867.08813
3937.0	0.0002520	3542.29834	3861.05029
3913.0	0.0002520	3541.86816	3855.71655
3803.0	0.0002601	3541.43555	3851.10034
3764.0	0.0002687	3541.00000	3847.18457
3857.0	0.0002601	3540.56299	3843.98047
3957.0	0.0002520	3540.12280	3841.46655
3852.0	0.0002601	3539.68140	3839.64307
3699.0	0.0002687	3539.23657	3838.50244
3640.0	0.0002778	3538.79028	3837.98999
3656.0	0.0002778	3538.34155	3838.09937
3769.0	0.0002687	3537.88940	3838.80615
3897.0	0.0002601	3537.43677	3840.07373
3810.0	0.0002601	3536.98071	3841.86963
3718.0	0.0002687	3536.52319	3844.15161
3824.0	0.0002601	3536.06274	3846.87427
3907.0	0.0002520	3535.60132	3849.98755
4034.0	0.0002441	3535.13647	3853.43677
4267.0	0.0002367	3534.67017	3857.30664
4165.0	0.0002367	3534.20166	3861.23169
3892.0	0.0002601	3533.73022	3865.29443
3922.0	0.0002520	3533.25806	3869.40063
4038.0	0.0002441	3532.78271	3873.47974
4073.0	0.0002441	3532.30591	3877.43628
4053.0	0.0002441	3531.82642	3881.28271
4057.0	0.0002441	3531.34546	3884.74390

4134.0	0.0002441	3530.86279	3887.83984
4258.0	0.0002367	3530.37793	3890.48438
4194.0	0.0002367	3529.89038	3892.62354
4047.0	0.0002441	3529.40161	3894.19995
4142.0	0.0002441	3528.91016	3895.18530
4124.0	0.0002441	3528.41748	3895.55591
4094.0	0.0002441	3527.92285	3895.31445
4057.0	0.0002441	3527.42578	3894.47412
4306.0	0.0002296	3526.92725	3893.07056
4261.0	0.0002367	3526.42651	3891.14600
4239.0	0.0002367	3525.92505	3888.75610
4253.0	0.0002367	3525.42065	3885.95654
3931.0	0.0002520	3524.91479	3882.81592
3968.0	0.0002520	3524.40723	3879.38818
4196.0	0.0002367	3523.89673	3875.73193
4278.0	0.0002367	3523.38647	3871.91138
4027.0	0.0002520	3522.87305	3867.95752
4015.0	0.0002520	3522.35864	3863.91699
3964.0	0.0002520	3521.84180	3859.80884
3865.0	0.0002601	3521.32471	3855.66113
4000.0	0.0002520	3520.80444	3851.46802
4107.0	0.0002441	3520.28345	3847.24561
3904.0	0.0002601	3519.76074	3842.98047
3886.0	0.0002601	3519.23511	3838.65405
3965.0	0.0002520	3518.70972	3834.27173
4050.0	0.0002441	3518.18164	3829.79614
3896.0	0.0002601	3517.65259	3825.22266
3774.0	0.0002687	3517.12134	3820.60229
4005.0	0.0002520	3516.58936	3815.77148
3857.0	0.0002601	3516.05591	3810.78589
3808.0	0.0002601	3515.52075	3805.65625
4035.0	0.0002441	3514.98389	3800.36353
3912.0	0.0002520	3514.44604	3794.92822
3980.0	0.0002520	3513.90625	3789.34839
3832.0	0.0002601	3513.36499	3783.64282
3838.0	0.0002601	3512.82349	3777.84521
3801.0	0.0002601	3512.27954	3771.95874
3889.0	0.0002601	3511.73511	3766.03101
3763.0	0.0002687	3511.18848	3760.06982
3841.0	0.0002601	3510.64185	3754.12598
3920.0	0.0002520	3510.09277	3748.20752
3802.0	0.0002601	3509.54321	3742.36084
3779.0	0.0002687	3508.99243	3736.60010
3768.0	0.0002687	3508.43896	3730.94458
3860.0	0.0002601	3507.88623	3725.43848
3806.0	0.0002601	3507.33130	3720.08276
3861.0	0.0002601	3506.77588	3714.92358
3679.0	0.0002687	3506.21851	3709.93188
3706.0	0.0002687	3505.66162	3705.14917
3668.0	0.0002687	3505.10205	3700.57300
3788.0	0.0002601	3504.54248	3696.22754
3843.0	0.0002601	3503.98169	3692.11108
3613.0	0.0002778	3503.41846	3688.22656
3651.0	0.0002778	3502.85645	3684.59839

3804.0	0.0002601	3502.29199	3681.21484
3656.0	0.0002778	3501.72754	3678.09302
3577.0	0.0002778	3501.16138	3675.22974
3749.0	0.0002687	3500.59497	3672.63379
3700.0	0.0002687	3500.02710	3670.30688
3652.0	0.0002778	3499.45972	3668.26123
3638.0	0.0002778	3498.89014	3666.49243
3480.0	0.0002873	3498.32056	3665.46826
3715.0	0.0002687	3497.74951	3664.28491
3685.0	0.0002687	3497.17749	3663.40234
3424.0	0.0002873	3496.60645	3662.82959
3503.0	0.0002873	3496.03320	3662.57349
3757.0	0.0002687	3495.45996	3662.64136
3506.0	0.0002873	3494.88550	3663.04004
3870.0	0.0002601	3494.31152	3663.78076
3659.0	0.0002778	3493.73584	3664.87329
3615.0	0.0002778	3493.16016	3666.32593
3721.0	0.0002687	3492.58325	3668.14917
3727.0	0.0002687	3492.00586	3670.35449
3703.0	0.0002687	3491.42920	3672.94360
3686.0	0.0002687	3490.85083	3675.93628
3694.0	0.0002687	3490.27271	3679.33130
3695.0	0.0002687	3489.69360	3683.14551
3841.0	0.0002601	3489.11523	3687.37598
3768.0	0.0002687	3488.53516	3692.04150
3689.0	0.0002687	3487.95557	3697.12915
3671.0	0.0002687	3487.37549	3702.65894
3693.0	0.0002687	3486.79395	3708.63037
3762.0	0.0002687	3486.21313	3715.02539
3879.0	0.0002601	3485.63232	3721.86011
3696.0	0.0002687	3485.05127	3729.10254
3534.0	0.0002873	3484.46924	3736.77124
3465.0	0.0002873	3483.88770	3744.82446
3809.0	0.0002601	3483.30542	3753.27051
3668.0	0.0002687	3482.72461	3762.06714
3679.0	0.0002687	3482.14185	3771.21411
3701.0	0.0002687	3481.56006	3780.66431
4105.0	0.0002441	3480.97729	3790.42139
3562.0	0.0002778	3480.39478	3800.44604
3854.0	0.0002601	3479.81348	3810.70386
3738.0	0.0002687	3479.23071	3821.19019
3875.0	0.0002601	3478.64893	3831.85132
3913.0	0.0002520	3478.06641	3842.68701
3946.0	0.0002520	3477.48535	3853.62622
3825.0	0.0002601	3476.90308	3864.65723
3921.0	0.0002520	3476.32153	3875.69116
3660.0	0.0002687	3475.73975	3886.69360
3859.0	0.0002601	3475.15796	3897.56592
3977.0	0.0002520	3474.57788	3908.19678
3943.0	0.0002520	3473.99658	3918.50903
3979.0	0.0002520	3473.41626	3928.34521
3891.0	0.0002601	3472.83569	3937.60107
4043.0	0.0002441	3472.25610	3946.10449
4024.0	0.0002520	3471.67700	3953.73560

3904.0	0.0002601	3471.09814	3960.32080
3885.0	0.0002601	3470.51978	3965.73901
3952.0	0.0002520	3469.94043	3969.85986
4064.0	0.0002441	3469.36304	3972.56372
4029.0	0.0002520	3468.78589	3973.77759
4029.0	0.0002520	3468.20947	3973.44556
3985.0	0.0002520	3467.63281	3971.54785
3835.0	0.0002601	3467.05762	3968.10132
4084.0	0.0002441	3466.48218	3963.14746
3948.0	0.0002520	3465.90869	3956.77905
4044.0	0.0002441	3465.33447	3949.33081
3912.0	0.0002520	3464.76123	3940.43628
3957.0	0.0002520	3464.18921	3930.51245
3837.0	0.0002601	3463.61719	3919.67505
3844.0	0.0002601	3463.04736	3908.10962
3937.0	0.0002520	3462.47705	3895.93823
3722.0	0.0002687	3461.90820	3883.34326
3650.0	0.0002778	3461.33960	3870.42139
4078.0	0.0002441	3460.77295	3857.34180
3800.0	0.0002601	3460.20605	3844.17920
3950.0	0.0002520	3459.64087	3831.07422
3595.0	0.0002778	3459.07593	3818.08130
3771.0	0.0002687	3458.51196	3805.29565
3646.0	0.0002778	3457.95020	3792.80322
3944.0	0.0002520	3457.38818	3780.62549
3789.0	0.0002601	3456.82788	3768.84473
3696.0	0.0002687	3456.26831	3757.46973
3635.0	0.0002778	3455.71021	3746.56689
3896.0	0.0002601	3455.15332	3736.13647
3701.0	0.0002687	3454.59766	3726.23242
3719.0	0.0002687	3454.04321	3716.85254
3811.0	0.0002601	3453.48877	3708.01196
3868.0	0.0002601	3452.93677	3699.76025
3721.0	0.0002687	3452.38550	3692.08374
3847.0	0.0002601	3451.83691	3685.02173
3768.0	0.0002687	3451.28833	3678.56519
3838.0	0.0002601	3450.74170	3672.75024
3827.0	0.0002601	3450.19580	3667.57617
3710.0	0.0002687	3449.65259	3663.07227
3807.0	0.0002601	3449.10962	3659.24536
3789.0	0.0002601	3448.56836	3656.10938
3783.0	0.0002601	3448.02905	3653.68848
3834.0	0.0002601	3447.49048	3651.98730
3869.0	0.0002601	3446.95508	3651.02344
3833.0	0.0002601	3446.41968	3650.80103
3735.0	0.0002687	3445.88672	3651.32593
3888.0	0.0002601	3445.35474	3652.60181
3836.0	0.0002601	3444.82593	3654.62061
4024.0	0.0002520	3444.29736	3657.37549
3908.0	0.0002520	3443.77100	3660.83936
3782.0	0.0002687	3443.24609	3664.99561
3941.0	0.0002520	3442.72290	3669.80322
3843.0	0.0002601	3442.20264	3675.20923
3826.0	0.0002601	3441.68311	3681.16382

3867.0	0.0002601	3441.16602	3687.58374
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4070.0	0.0002441	3440.13696	3701.49438
3917.0	0.0002520	3439.62500	3708.77661
4132.0	0.0002441	3439.11646	3716.09302
4021.0	0.0002520	3438.60889	3723.31714
4269.0	0.0002367	3438.10254	3730.29419
4096.0	0.0002441	3437.59937	3736.82910
4056.0	0.0002441	3437.09766	3742.77222
4167.0	0.0002367	3436.59937	3747.93555
3757.0	0.0002687	3436.10205	3752.17773
4028.0	0.0002520	3435.60742	3755.35449
4078.0	0.0002441	3435.11450	3757.38477
4038.0	0.0002441	3434.62500	3758.21362
4117.0	0.0002441	3434.13647	3757.84229
4128.0	0.0002441	3433.65015	3756.31836
4016.0	0.0002520	3433.16699	3753.73560
4012.0	0.0002520	3432.68530	3750.20044
4027.0	0.0002520	3432.20752	3745.86060
3765.0	0.0002687	3431.73071	3740.83667
3861.0	0.0002601	3431.25684	3735.28467
4087.0	0.0002441	3430.78516	3729.30933
4071.0	0.0002441	3430.31689	3723.04541
3966.0	0.0002520	3429.85010	3716.57349
3898.0	0.0002601	3429.38623	3709.99536
3915.0	0.0002520	3428.92456	3703.36279
3951.0	0.0002520	3428.46558	3696.74243
4047.0	0.0002441	3428.00952	3690.19507
3901.0	0.0002601	3427.55640	3683.75854
4020.0	0.0002520	3427.10571	3677.43823
4067.0	0.0002441	3426.65723	3671.26074
3987.0	0.0002520	3426.21191	3665.26514
4037.0	0.0002441	3425.76904	3659.44482
3963.0	0.0002520	3425.32983	3653.82983
4056.0	0.0002441	3424.89258	3648.41064
4021.0	0.0002520	3424.45801	3643.20508
3841.0	0.0002601	3424.02686	3638.22314
3928.0	0.0002520	3423.59814	3633.45703
4014.0	0.0002520	3423.17334	3628.92676
4181.0	0.0002367	3422.75049	3624.71924
4030.0	0.0002520	3422.33105	3620.66089
3712.0	0.0002687	3421.91406	3616.84497
3770.0	0.0002687	3421.50122	3613.29321
3948.0	0.0002520	3421.09033	3610.00415
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3857.0	0.0002601	3420.27856	3604.27637
3829.0	0.0002601	3419.87720	3601.86816
3965.0	0.0002520	3419.47974	3599.79126
3949.0	0.0002520	3419.08447	3598.05933
3819.0	0.0002601	3418.69312	3596.69922
3825.0	0.0002601	3418.30444	3595.73340
3843.0	0.0002601	3417.91943	3595.19116
4067.0	0.0002441	3417.53784	3595.09619
3737.0	0.0002687	3417.15942	3595.47876

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3991.0	0.0002520	3416.41187	3597.80322
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3738.0	0.0002687	3415.67871	3602.40234
3739.0	0.0002687	3415.31738	3605.62695
3755.0	0.0002687	3414.95898	3609.50830
3709.0	0.0002687	3414.60474	3614.05981
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3925.0	0.0002520	3413.90625	3625.27271
3985.0	0.0002520	3413.56201	3631.95923
3848.0	0.0002601	3413.22144	3639.37109
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3998.0	0.0002520	3412.22266	3665.82739
3859.0	0.0002601	3411.89673	3676.44385
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3845.0	0.0002601	3411.25635	3698.50586
3917.0	0.0002520	3410.94238	3710.26367
3975.0	0.0002520	3410.63135	3722.40088
4186.0	0.0002367	3410.32422	3734.81567
4093.0	0.0002441	3410.02148	3747.32837
4054.0	0.0002441	3409.72192	3759.82593
4036.0	0.0002441	3409.42725	3772.09448
3994.0	0.0002520	3409.13550	3784.29102
4117.0	0.0002441	3408.84839	3795.50732
4222.0	0.0002367	3408.56470	3805.86304
4034.0	0.0002441	3408.28516	3815.08398
4253.0	0.0002367	3408.01001	3822.95581
4217.0	0.0002367	3407.73828	3829.25513
4173.0	0.0002367	3407.47119	3833.78027
3908.0	0.0002520	3407.20752	3836.41406
4198.0	0.0002367	3406.94849	3837.07422
3979.0	0.0002520	3406.69336	3835.75879
4215.0	0.0002367	3406.44287	3832.54126
4151.0	0.0002441	3406.19580	3827.53491
4236.0	0.0002367	3405.95337	3820.94385
4011.0	0.0002520	3405.71484	3812.96436
4002.0	0.0002520	3405.48120	3803.87158
3991.0	0.0002520	3405.25122	3793.88379
3961.0	0.0002520	3405.02563	3783.27173
3803.0	0.0002601	3404.80444	3772.28540
4125.0	0.0002441	3404.58740	3761.11401
3849.0	0.0002601	3404.37524	3749.98169
4043.0	0.0002441	3404.16675	3739.02954
3851.0	0.0002601	3403.96313	3728.43799
3865.0	0.0002601	3403.76367	3718.30493
3908.0	0.0002520	3403.56909	3708.76343
3733.0	0.0002687	3403.37842	3699.88257
3894.0	0.0002601	3403.19238	3691.72583
3848.0	0.0002601	3403.01099	3684.38062
3750.0	0.0002687	3402.83374	3677.85864
3744.0	0.0002687	3402.66162	3672.21436
3689.0	0.0002687	3402.49365	3667.44531
3786.0	0.0002601	3402.33057	3663.57764

3653.0	0.0002778	3402.17163	3660.59668
3753.0	0.0002687	3402.01782	3658.50439
3785.0	0.0002601	3401.86865	3657.27539
3743.0	0.0002687	3401.72363	3656.89014
3723.0	0.0002687	3401.58374	3657.31470
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3630.0	0.0002778	3401.31787	3660.44678
3916.0	0.0002520	3401.19189	3663.05835
3689.0	0.0002687	3401.07104	3666.38135
3868.0	0.0002601	3400.95459	3670.18237
3761.0	0.0002687	3400.84326	3674.99658
3790.0	0.0002601	3400.73633	3679.71729
3718.0	0.0002687	3400.63477	3684.77515
3619.0	0.0002778	3400.53760	3690.09253
3814.0	0.0002601	3400.44556	3695.57300
3724.0	0.0002687	3400.35840	3700.97192
3825.0	0.0002601	3400.27588	3706.46362
3864.0	0.0002601	3400.19873	3711.79028
3830.0	0.0002601	3400.12622	3716.85352
3664.0	0.0002687	3400.05884	3721.52075
3796.0	0.0002601	3399.99634	3725.13281
3836.0	0.0002601	3399.93896	3728.69312
3679.0	0.0002687	3399.88672	3731.54883
3739.0	0.0002687	3399.83911	3733.61084
3618.0	0.0002778	3399.79688	3734.80542
3725.0	0.0002687	3399.75977	3735.08569
3813.0	0.0002601	3399.72754	3734.51172
3641.0	0.0002778	3399.70044	3732.89429
3754.0	0.0002687	3399.67847	3730.34595
3757.0	0.0002687	3399.66187	3726.89697
3509.0	0.0002873	3399.65015	3722.61401
3745.0	0.0002687	3399.64355	3717.56006
3648.0	0.0002778	3399.64233	3711.81104
3768.0	0.0002687	3399.64624	3705.48511
3697.0	0.0002687	3399.65527	3698.65234
3555.0	0.0002778	3399.66968	3691.42871
3805.0	0.0002601	3399.68945	3683.88550
3618.0	0.0002778	3399.71411	3676.13379
3762.0	0.0002687	3399.74438	3668.23096
3685.0	0.0002687	3399.77979	3660.27856
3705.0	0.0002687	3399.82056	3652.31519
3581.0	0.0002778	3399.86670	3644.42432
3708.0	0.0002687	3399.91797	3636.62939
3567.0	0.0002778	3399.97485	3628.98828
3804.0	0.0002601	3400.03687	3621.54565
3566.0	0.0002778	3400.10449	3614.31104
3613.0	0.0002778	3400.17725	3607.32764
3510.0	0.0002873	3400.25562	3600.59326
3742.0	0.0002687	3400.33936	3594.14355
3791.0	0.0002601	3400.42847	3587.96802
3706.0	0.0002687	3400.52295	3582.09619
3562.0	0.0002778	3400.62280	3576.51318
3776.0	0.0002687	3400.72852	3571.32959
3666.0	0.0002687	3400.83936	3566.35522

3613.0	0.0002778	3400.95581	3561.67407
3628.0	0.0002778	3401.07764	3557.29395
3618.0	0.0002778	3401.20532	3553.20117
3728.0	0.0002687	3401.33813	3549.40112
3661.0	0.0002687	3401.47681	3545.87915
3656.0	0.0002778	3401.62061	3542.63599
3773.0	0.0002687	3401.77026	3539.65796
3611.0	0.0002778	3401.92578	3536.93774
3612.0	0.0002778	3402.08618	3534.47754
3613.0	0.0002778	3402.25269	3532.25830
3717.0	0.0002687	3402.42456	3530.27979
3712.0	0.0002687	3402.60229	3528.52637
3452.0	0.0002873	3402.78516	3526.99902
3653.0	0.0002778	3402.97412	3525.68457
3693.0	0.0002687	3403.16846	3524.57739
3669.0	0.0002687	3403.36841	3523.66821
3691.0	0.0002687	3403.57397	3522.95654
3682.0	0.0002687	3403.78540	3522.42944
3655.0	0.0002778	3404.00269	3522.08447
3556.0	0.0002778	3404.22534	3521.92041
3453.0	0.0002873	3404.45386	3521.92578
3492.0	0.0002873	3404.68774	3522.10156
3630.0	0.0002778	3404.92773	3522.44531
3496.0	0.0002873	3405.17285	3522.95142
3397.0	0.0002973	3405.42432	3523.61963
3801.0	0.0002601	3405.68115	3524.44922
3584.0	0.0002778	3405.94385	3525.44067
3571.0	0.0002778	3406.21240	3526.59497
3754.0	0.0002687	3406.48633	3527.91797
3539.0	0.0002873	3406.76660	3529.39795
3584.0	0.0002778	3407.05225	3531.04395
3675.0	0.0002687	3407.34375	3532.86353
3776.0	0.0002687	3407.64038	3534.85181
3675.0	0.0002687	3407.94360	3537.02148
3456.0	0.0002873	3408.25220	3539.37280
3483.0	0.0002873	3408.56665	3541.91772
3641.0	0.0002778	3408.88745	3544.66040
3549.0	0.0002778	3409.21289	3547.59790
3534.0	0.0002873	3409.54517	3550.75391
3727.0	0.0002687	3409.88257	3554.12158
3887.0	0.0002601	3410.22632	3557.72021
3851.0	0.0002601	3410.57520	3561.54761
3692.0	0.0002687	3410.93042	3565.62866
3696.0	0.0002687	3411.29126	3569.95874
3775.0	0.0002687	3411.65771	3574.55688
3776.0	0.0002687	3412.03101	3579.55762
3688.0	0.0002687	3412.40869	3584.83887
3550.0	0.0002778	3412.79321	3590.31104
3430.0	0.0002873	3413.18311	3596.08740
3417.0	0.0002973	3413.57910	3602.20020
3509.0	0.0002873	3413.97998	3608.64307
3657.0	0.0002778	3414.38794	3615.45117
3824.0	0.0002601	3414.80103	3622.61572
3901.0	0.0002601	3415.22046	3630.17236

3804.0	0.0002601	3415.64526	3638.11108
3715.0	0.0002687	3416.07642	3646.46655
3726.0	0.0002687	3416.51270	3655.23633
3788.0	0.0002601	3416.95508	3664.41846
3837.0	0.0002601	3417.40356	3674.04492
3832.0	0.0002601	3417.85742	3684.08984
3774.0	0.0002687	3418.31787	3694.58643
3775.0	0.0002687	3418.78271	3705.49927
3874.0	0.0002601	3419.25464	3716.85376
3956.0	0.0002520	3419.73193	3728.60522
3901.0	0.0002601	3420.21484	3740.75830
3750.0	0.0002687	3420.70508	3753.30200
3793.0	0.0002601	3421.19897	3766.15088
3961.0	0.0002520	3421.70020	3779.31372
4047.0	0.0002441	3422.20654	3792.70215
4028.0	0.0002520	3422.71924	3806.32056
4015.0	0.0002520	3423.23657	3819.99048
4098.0	0.0002441	3423.76099	3833.70386
4095.0	0.0002441	3424.29053	3847.31323
4004.0	0.0002520	3424.82568	3860.74243
3960.0	0.0002520	3425.36816	3873.87305
3878.0	0.0002601	3425.91431	3886.52124
3823.0	0.0002601	3426.46777	3898.58643
3971.0	0.0002520	3427.02612	3909.88965
3981.0	0.0002520	3427.59106	3920.30981
3816.0	0.0002601	3428.16113	3929.66870
3942.0	0.0002520	3428.73682	3937.85669
4079.0	0.0002441	3429.31836	3944.73022
3965.0	0.0002520	3429.90649	3950.20972
3866.0	0.0002601	3430.49951	3954.20654
3887.0	0.0002601	3431.09888	3956.69287
3975.0	0.0002520	3431.70337	3957.65381
3989.0	0.0002520	3432.31372	3957.12500
3953.0	0.0002520	3432.93042	3955.16577
3976.0	0.0002520	3433.55200	3951.87769
4085.0	0.0002441	3434.18018	3947.37524
4109.0	0.0002441	3434.81250	3941.81519
3885.0	0.0002601	3435.45190	3935.33813
3793.0	0.0002601	3436.09644	3928.13184
3914.0	0.0002520	3436.74731	3920.34570
3982.0	0.0002520	3437.40381	3912.16138
3986.0	0.0002520	3438.06470	3903.75684
3963.0	0.0002520	3438.73242	3895.25537
3926.0	0.0002520	3439.40503	3886.83130
3885.0	0.0002601	3440.08423	3878.58154
3887.0	0.0002601	3440.76758	3870.77222
4002.0	0.0002520	3441.45776	3863.22681
4062.0	0.0002441	3442.15308	3856.17847
3950.0	0.0002520	3442.85376	3849.68018
3843.0	0.0002601	3443.56177	3843.78540
3839.0	0.0002601	3444.27295	3838.56006
3925.0	0.0002520	3444.99121	3834.01489
3987.0	0.0002520	3445.71411	3830.18237
3955.0	0.0002520	3446.44360	3827.05859

3830.0	0.0002601	3447.17749	3824.64771
3693.0	0.0002687	3447.91724	3822.93018
3686.0	0.0002687	3448.66211	3821.88208
3902.0	0.0002601	3449.41357	3821.45898
4123.0	0.0002441	3450.16943	3821.61841
4168.0	0.0002367	3450.93188	3822.30908
4038.0	0.0002441	3451.69971	3823.42065
3997.0	0.0002520	3452.47095	3824.87573
4107.0	0.0002441	3453.24976	3826.57788
4098.0	0.0002441	3454.03271	3828.40479
4046.0	0.0002441	3454.82227	3830.23486
4048.0	0.0002441	3455.61499	3831.92554
4004.0	0.0002520	3456.41528	3833.34277
3965.0	0.0002520	3457.21973	3834.41187
3991.0	0.0002520	3458.03076	3834.87817
3990.0	0.0002520	3458.84692	3834.68726
3926.0	0.0002520	3459.66626	3833.75317
3864.0	0.0002601	3460.49316	3832.01294
3973.0	0.0002520	3461.32397	3829.44434
4106.0	0.0002441	3462.16138	3826.04102
4011.0	0.0002520	3463.00195	3821.85645
4008.0	0.0002520	3463.84961	3816.93970
4129.0	0.0002441	3464.70142	3811.39771
4078.0	0.0002441	3465.55859	3805.32227
3928.0	0.0002520	3466.42261	3798.81738
3832.0	0.0002601	3467.28906	3792.02612
3890.0	0.0002601	3468.16260	3785.03101
4025.0	0.0002520	3469.04004	3777.96191
4090.0	0.0002441	3469.92383	3770.89355
3952.0	0.0002520	3470.81152	3763.93188
3754.0	0.0002687	3471.70532	3757.12720
3693.0	0.0002687	3472.60205	3750.56299
3805.0	0.0002601	3473.50586	3744.28003
3827.0	0.0002601	3474.41382	3738.33618
3587.0	0.0002778	3475.32764	3732.75049
3493.0	0.0002873	3476.24634	3727.62842
3657.0	0.0002778	3477.16772	3722.86230
3889.0	0.0002601	3478.09644	3718.52222
3918.0	0.0002520	3479.02881	3714.62769
3785.0	0.0002601	3479.96729	3711.17700
3737.0	0.0002687	3480.90820	3708.17798
3684.0	0.0002687	3481.85620	3705.62036
3645.0	0.0002778	3482.80786	3703.50464
3779.0	0.0002687	3483.76538	3701.81763
3840.0	0.0002601	3484.72778	3700.54810
3766.0	0.0002687	3485.69263	3699.68311
3857.0	0.0002601	3486.66455	3699.20532
3928.0	0.0002520	3487.63989	3699.10107
3801.0	0.0002601	3488.62085	3699.34668
3663.0	0.0002687	3489.60449	3699.92456
3673.0	0.0002687	3490.59473	3700.81689
3802.0	0.0002601	3491.58862	3701.99927
3750.0	0.0002687	3492.58691	3703.46240
3679.0	0.0002687	3493.59229	3705.16187

3862.0	0.0002601	3494.59961	3707.07886
3974.0	0.0002520	3495.61157	3709.19751
3893.0	0.0002601	3496.62793	3711.49536
3752.0	0.0002687	3497.64990	3713.95288
3742.0	0.0002687	3498.67505	3716.53882
3826.0	0.0002601	3499.70605	3719.24194
3791.0	0.0002601	3500.73877	3722.03003
3721.0	0.0002687	3501.77710	3724.89307
3728.0	0.0002687	3502.82202	3727.81152
3824.0	0.0002601	3503.86890	3730.75732
3846.0	0.0002601	3504.92114	3733.72217
3720.0	0.0002687	3505.97559	3736.68359
3594.0	0.0002778	3507.03613	3739.63770
3548.0	0.0002778	3508.09985	3742.56274
3611.0	0.0002778	3509.16895	3745.45581
3768.0	0.0002687	3510.23975	3748.30322
3865.0	0.0002601	3511.31714	3751.10889
3807.0	0.0002601	3512.39722	3753.86084
3815.0	0.0002601	3513.48242	3756.56641
3866.0	0.0002601	3514.57178	3759.22168
3813.0	0.0002601	3515.66284	3761.82593
3777.0	0.0002687	3516.76001	3764.39502
3792.0	0.0002601	3517.86011	3766.92603
3789.0	0.0002601	3518.96509	3769.43481
3787.0	0.0002601	3520.07275	3771.92261
3779.0	0.0002687	3521.18433	3774.40479
3726.0	0.0002687	3522.29956	3776.88892
3718.0	0.0002687	3523.41846	3779.38647
3787.0	0.0002601	3524.54395	3781.91260
3835.0	0.0002601	3525.67041	3784.46948
3866.0	0.0002601	3526.80054	3787.07324
3883.0	0.0002601	3527.93408	3789.73193
3821.0	0.0002601	3529.07275	3792.45996
3757.0	0.0002687	3530.21362	3795.26099
3774.0	0.0002687	3531.35962	3798.15186
3790.0	0.0002601	3532.50610	3801.13745
3843.0	0.0002601	3533.65894	3804.35840
3947.0	0.0002520	3534.81519	3807.58105
3848.0	0.0002601	3535.97339	3810.93579
3733.0	0.0002687	3537.13647	3814.44385
3951.0	0.0002520	3538.30005	3818.11621
4024.0	0.0002520	3539.46973	3821.98486
3865.0	0.0002601	3540.64111	3826.06226
3861.0	0.0002601	3541.81738	3830.38721
3888.0	0.0002601	3542.99390	3834.97925
3857.0	0.0002601	3544.17651	3839.89478
3895.0	0.0002601	3545.36084	3845.15894
3963.0	0.0002520	3546.54956	3850.84106
4004.0	0.0002520	3547.74146	3856.99194
4031.0	0.0002520	3548.93335	3863.66650
4019.0	0.0002520	3550.13135	3870.95532
3967.0	0.0002520	3551.33081	3878.92358
3955.0	0.0002520	3552.53442	3887.67798
3975.0	0.0002520	3553.73975	3897.29395

3989.0	0.0002520	3554.94775	3907.89746
4023.0	0.0002520	3556.15869	3919.57153
4061.0	0.0002441	3557.37378	3932.46216
4075.0	0.0002441	3558.59155	3946.66699
4128.0	0.0002441	3559.81079	3962.27808
4167.0	0.0002367	3561.03394	3979.45996
4089.0	0.0002441	3562.25684	3998.26514
4094.0	0.0002441	3563.48535	4018.85767
4226.0	0.0002367	3564.71509	4041.26440
4293.0	0.0002296	3565.94849	4065.63232
4269.0	0.0002367	3567.18164	4091.94165
4246.0	0.0002367	3568.42017	4120.28906
4365.0	0.0002296	3569.66089	4150.71143
4446.0	0.0002228	3570.90283	4183.07422
4375.0	0.0002296	3572.14819	4217.43945
4367.0	0.0002296	3573.39331	4253.61133
4466.0	0.0002228	3574.64331	4291.56104
4593.0	0.0002163	3575.89429	4330.99951
4640.0	0.0002163	3577.14868	4371.80176
4672.0	0.0002163	3578.40234	4413.55322
4773.0	0.0002100	3579.66113	4456.02734
4756.0	0.0002100	3580.92041	4498.67041
4686.0	0.0002163	3582.18335	4541.11230
4766.0	0.0002100	3583.44800	4582.70801
4807.0	0.0002100	3584.71167	4622.75244
4825.0	0.0002100	3585.98022	4660.64600
5019.0	0.0001984	3587.24927	4695.49414
5060.0	0.0001984	3588.52173	4726.59863
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4723.0	0.0002100	3591.06982	4774.17529
4716.0	0.0002100	3592.34448	4789.24658
4735.0	0.0002100	3593.62354	4797.80566
4733.0	0.0002100	3594.90430	4799.50781
4730.0	0.0002100	3596.18506	4794.28174
4734.0	0.0002100	3597.46875	4782.26660
4673.0	0.0002163	3598.75122	4763.86133
4603.0	0.0002163	3600.03784	4739.57617
4631.0	0.0002163	3601.32446	4710.17627
4759.0	0.0002100	3602.61401	4676.35645
4720.0	0.0002100	3603.90186	4639.03711
4328.0	0.0002296	3605.19385	4598.99707
4235.0	0.0002367	3606.48730	4556.87549
4411.0	0.0002296	3607.78027	4513.66846
4262.0	0.0002367	3609.07593	4469.69727
4164.0	0.0002367	3610.36963	4425.73730
4285.0	0.0002367	3611.66748	4382.13818
4307.0	0.0002296	3612.96484	4339.45361
4184.0	0.0002367	3614.26465	4297.89258
4027.0	0.0002520	3615.56250	4257.87061
3993.0	0.0002520	3616.86401	4219.49561
4083.0	0.0002441	3618.16504	4183.06104
4168.0	0.0002367	3619.46826	4148.58545
4051.0	0.0002441	3620.77222	4116.21680
3909.0	0.0002520	3622.07544	4086.04712

3912.0	0.0002520	3623.37939	4058.00562
3798.0	0.0002601	3624.68408	4032.16675
3702.0	0.0002687	3625.99048	4008.41113
3861.0	0.0002601	3627.29614	3986.74854
3912.0	0.0002520	3628.60376	3967.03760
3806.0	0.0002601	3629.90894	3949.24854
3780.0	0.0002687	3631.21729	3933.25171
3805.0	0.0002601	3632.52637	3918.90137
3855.0	0.0002601	3633.83398	3906.13379
3948.0	0.0002520	3635.14331	3894.78784
3964.0	0.0002520	3636.44995	3884.78247
3909.0	0.0002520	3637.75977	3875.97363
3955.0	0.0002520	3639.06836	3868.27905
3938.0	0.0002520	3640.37817	3861.56323
3812.0	0.0002601	3641.68530	3855.75220
3882.0	0.0002601	3642.99536	3850.73682
4012.0	0.0002520	3644.30542	3846.43335
3980.0	0.0002520	3645.61377	3842.77905
3859.0	0.0002601	3646.92358	3839.68628
3774.0	0.0002687	3648.23022	3837.10571
3803.0	0.0002601	3649.53955	3834.97363
3881.0	0.0002601	3650.84717	3833.24512
3873.0	0.0002601	3652.15601	3831.87866
3707.0	0.0002687	3653.46289	3830.83569
3612.0	0.0002778	3654.76929	3830.08228
3717.0	0.0002687	3656.07690	3829.59375
3765.0	0.0002687	3657.38232	3829.35156
3726.0	0.0002687	3658.68896	3829.32983
3807.0	0.0002601	3659.99341	3829.51514
3773.0	0.0002687	3661.29688	3829.89551
3709.0	0.0002687	3662.59985	3830.46069
3715.0	0.0002687	3663.90381	3831.20142
3748.0	0.0002687	3665.20532	3832.11108
3673.0	0.0002687	3666.50757	3833.18652
3827.0	0.0002601	3667.80566	3834.42285
4180.0	0.0002367	3669.10596	3835.81860
3749.0	0.0002687	3670.40552	3837.37476
3618.0	0.0002778	3671.70239	3839.08643
3840.0	0.0002601	3672.99976	3840.96045
3923.0	0.0002520	3674.29297	3842.99292
3633.0	0.0002778	3675.58789	3845.19189
3802.0	0.0002601	3676.88013	3847.55713
3894.0	0.0002601	3678.17285	3850.09937
3778.0	0.0002687	3679.46094	3852.81494
3976.0	0.0002520	3680.75098	3855.71851
3901.0	0.0002601	3682.03955	3858.81348
3965.0	0.0002520	3683.32520	3862.10010
3729.0	0.0002687	3684.61060	3865.59839
4084.0	0.0002441	3685.89185	3869.30615
3815.0	0.0002601	3687.17432	3873.24292
3752.0	0.0002687	3688.45361	3877.40869
3800.0	0.0002601	3689.73291	3881.82715
3655.0	0.0002778	3691.00879	3886.49268
3716.0	0.0002687	3692.28296	3891.42993

3878.0	0.0002601	3693.55688	3896.65747
3917.0	0.0002520	3694.82739	3902.17090
3990.0	0.0002520	3696.09741	3908.00195
3794.0	0.0002601	3697.36401	3914.14380
3836.0	0.0002601	3698.63013	3920.63403
3864.0	0.0002601	3699.89136	3927.46655
3809.0	0.0002601	3701.15332	3934.68042
3897.0	0.0002601	3702.41162	3942.26416
3973.0	0.0002520	3703.66919	3950.25708
4237.0	0.0002367	3704.92163	3958.64746
3800.0	0.0002601	3706.17480	3967.47656
3849.0	0.0002601	3707.42554	3976.74268
4146.0	0.0002441	3708.67236	3986.44653
4029.0	0.0002520	3709.91846	3996.62378
3972.0	0.0002520	3711.15894	4007.25000
3919.0	0.0002520	3712.39990	4018.36523
4150.0	0.0002441	3713.63672	4029.93970
4022.0	0.0002520	3714.87256	4042.00928
4182.0	0.0002367	3716.10278	4054.53101
4264.0	0.0002367	3717.33325	4067.53687
4090.0	0.0002441	3718.56079	4080.99829
4066.0	0.0002441	3719.78418	4094.87402
4301.0	0.0002296	3721.00610	4109.18555
4113.0	0.0002441	3722.22241	4123.85791
4159.0	0.0002441	3723.43848	4138.90430
4222.0	0.0002367	3724.65015	4154.23193
4272.0	0.0002367	3725.86035	4169.84180
4137.0	0.0002441	3727.06592	4185.62256
4161.0	0.0002367	3728.26831	4201.54395
4355.0	0.0002296	3729.46899	4217.53906
4191.0	0.0002367	3730.66504	4233.46631
4304.0	0.0002296	3731.85913	4249.28809
4286.0	0.0002367	3733.04858	4264.85352
4394.0	0.0002296	3734.23608	4280.10010
4318.0	0.0002296	3735.41748	4294.86475
4320.0	0.0002296	3736.59814	4309.06982
4517.0	0.0002228	3737.77393	4322.54736
4355.0	0.0002296	3738.94751	4335.20850
4385.0	0.0002296	3740.11475	4346.88818
4314.0	0.0002296	3741.28101	4357.53076
4351.0	0.0002296	3742.44360	4366.93506
4393.0	0.0002296	3743.60132	4375.00928
4432.0	0.0002228	3744.75659	4381.67822
4400.0	0.0002296	3745.90503	4386.83789
4374.0	0.0002296	3747.05249	4390.45117
4370.0	0.0002296	3748.19482	4392.46143
4482.0	0.0002228	3749.33447	4392.86963
4377.0	0.0002296	3750.46729	4391.68555
4191.0	0.0002367	3751.59912	4388.96436
4377.0	0.0002296	3752.72632	4384.78662
4220.0	0.0002367	3753.84839	4379.26904
4073.0	0.0002441	3754.96753	4372.52979
4122.0	0.0002441	3756.08130	4364.73926
4290.0	0.0002367	3757.19067	4356.03027

4274.0	0.0002367	3758.29565	4346.60352
4265.0	0.0002367	3759.39771	4336.60303
4161.0	0.0002367	3760.49390	4326.21436
4156.0	0.0002441	3761.58569	4315.57520
4060.0	0.0002441	3762.67432	4304.82227
4153.0	0.0002441	3763.75732	4294.12549
4195.0	0.0002367	3764.83667	4283.55859
4072.0	0.0002441	3765.91040	4273.26025
3983.0	0.0002520	3766.98071	4263.27930
3995.0	0.0002520	3768.04370	4253.73145
4111.0	0.0002441	3769.10449	4244.64600
4223.0	0.0002367	3770.15918	4236.10400
3873.0	0.0002601	3771.21045	4228.12354
3954.0	0.0002520	3772.25415	4220.76270
4066.0	0.0002441	3773.29565	4214.02979
3986.0	0.0002520	3774.33203	4207.95215
4159.0	0.0002441	3775.36206	4202.56006
4018.0	0.0002520	3776.38843	4197.84619
3982.0	0.0002520	3777.40723	4193.82910
4208.0	0.0002367	3778.42334	4190.50439
4020.0	0.0002520	3779.43311	4187.88477
4258.0	0.0002367	3780.43896	4186.01416
4099.0	0.0002441	3781.43799	4184.78369
4199.0	0.0002367	3782.43213	4184.24072
4174.0	0.0002367	3783.42188	4184.38428
4219.0	0.0002367	3784.40527	4185.20361
4021.0	0.0002520	3785.38428	4186.69580
4014.0	0.0002520	3786.35645	4188.84766
4200.0	0.0002367	3787.32349	4191.65576
4137.0	0.0002441	3788.28491	4195.10889
4141.0	0.0002441	3789.24170	4199.20898
3981.0	0.0002520	3790.19189	4203.93506
4133.0	0.0002441	3791.13647	4209.29736
4241.0	0.0002367	3792.07764	4215.29102
4116.0	0.0002441	3793.00952	4221.89453
4260.0	0.0002367	3793.93799	4229.12891
4042.0	0.0002441	3794.85938	4236.97217
3953.0	0.0002520	3795.77612	4245.45264
4374.0	0.0002296	3796.68506	4254.54736
4222.0	0.0002367	3797.58984	4264.29150
4103.0	0.0002441	3798.48755	4274.66797
4254.0	0.0002367	3799.37939	4285.71143
4127.0	0.0002441	3800.26733	4297.45020
4447.0	0.0002228	3801.14600	4309.85938
4118.0	0.0002441	3802.02075	4323.01465
4315.0	0.0002296	3802.88818	4336.90527
4396.0	0.0002296	3803.75024	4351.60986
4192.0	0.0002367	3804.60449	4367.13037
4366.0	0.0002296	3805.45435	4383.56055
4477.0	0.0002228	3806.29663	4400.91113
4335.0	0.0002296	3807.13379	4419.29834
4212.0	0.0002367	3807.96362	4438.74414
4543.0	0.0002228	3808.78687	4459.37939
4579.0	0.0002163	3809.60474	4481.27881

4391.0	0.0002296	3810.41528	4504.49512
4855.0	0.0002041	3811.21997	4529.20947
4495.0	0.0002228	3812.01733	4555.46240
4673.0	0.0002163	3812.80908	4583.44580
4831.0	0.0002041	3813.59229	4613.19922
4811.0	0.0002100	3814.37085	4644.94141
4807.0	0.0002100	3815.14160	4678.69531
4701.0	0.0002100	3815.90576	4714.65674
4708.0	0.0002100	3816.66479	4752.96924
4709.0	0.0002100	3817.41431	4793.58838
4985.0	0.0001984	3818.15894	4836.74707
4887.0	0.0002041	3818.89600	4882.37500
4898.0	0.0002041	3819.62671	4930.64648
5153.0	0.0001929	3820.34912	4981.45459
4996.0	0.0001984	3821.06592	5034.84082
5199.0	0.0001929	3821.77515	5090.59863
5215.0	0.0001929	3822.47729	5148.75488
5072.0	0.0001984	3823.17407	5209.13672
5519.0	0.0001826	3823.86108	5271.31055
5326.0	0.0001877	3824.54297	5335.21533
5487.0	0.0001826	3825.21680	5400.31299
5242.0	0.0001929	3825.88428	5466.39746
5489.0	0.0001826	3826.54272	5532.79395
5505.0	0.0001826	3827.19580	5599.17529
5789.0	0.0001731	3827.84082	5664.74414
5840.0	0.0001731	3828.47900	5729.03223
6073.0	0.0001644	3829.10938	5791.11816
5680.0	0.0001778	3829.73315	5850.39209
5903.0	0.0001687	3830.34888	5905.90137
5812.0	0.0001731	3830.95728	5956.67871
5961.0	0.0001687	3831.55859	6001.94873
6319.0	0.0001602	3832.15210	6040.67236
5899.0	0.0001687	3832.73853	6072.09570
6121.0	0.0001644	3833.31641	6095.36377
5983.0	0.0001687	3833.88770	6109.93408
6102.0	0.0001644	3834.45117	6115.35645
5702.0	0.0001731	3835.00757	6111.48047
5672.0	0.0001778	3835.55615	6098.39307
5678.0	0.0001778	3836.09595	6076.50342
5561.0	0.0001778	3836.62939	6046.38477
5730.0	0.0001731	3837.15454	6008.96826
5627.0	0.0001778	3837.67261	5965.15283
5830.0	0.0001731	3838.18164	5916.19434
5491.0	0.0001826	3838.68433	5863.11670
5448.0	0.0001826	3839.17847	5807.23877
5304.0	0.0001877	3839.66479	5749.55371
5473.0	0.0001826	3840.14429	5691.04492
5181.0	0.0001929	3840.61450	5632.87842
5278.0	0.0001877	3841.07788	5575.67090
5249.0	0.0001929	3841.53271	5520.32129
4954.0	0.0002041	3841.98022	5467.29443
5318.0	0.0001877	3842.41919	5417.26953
4928.0	0.0002041	3842.85034	5370.54053
5244.0	0.0001929	3843.27344	5327.59570

5103.0	0.0001984	3843.68921	5288.57813
5001.0	0.0001984	3844.09619	5253.80518
5006.0	0.0001984	3844.49585	5223.29883
5149.0	0.0001929	3844.88672	5197.17822
4906.0	0.0002041	3845.26978	5175.49609
5194.0	0.0001929	3845.64502	5158.08740
5155.0	0.0001929	3846.01172	5144.91064
4791.0	0.0002100	3846.37085	5135.76172
5114.0	0.0001929	3846.72070	5130.44775
5209.0	0.0001929	3847.06348	5128.68018
4866.0	0.0002041	3847.39746	5130.13818
4813.0	0.0002100	3847.72363	5134.45801
5193.0	0.0001929	3848.04175	5141.21387
5327.0	0.0001877	3848.35083	5149.92285
5319.0	0.0001877	3848.65234	5160.09570
5203.0	0.0001929	3848.94531	5171.14355
5007.0	0.0001984	3849.23022	5182.50732
5326.0	0.0001877	3849.50635	5193.53857
5515.0	0.0001826	3849.77466	5203.65576
5207.0	0.0001929	3850.03418	5212.21143
5262.0	0.0001877	3850.28564	5218.65967
5209.0	0.0001929	3850.52930	5222.47559
5331.0	0.0001877	3850.76367	5223.22656
5117.0	0.0001929	3850.99023	5220.72412
5280.0	0.0001877	3851.20801	5214.51465
5174.0	0.0001929	3851.41797	5204.64844
5121.0	0.0001929	3851.61890	5191.21875
4914.0	0.0002041	3851.81177	5174.36426
5252.0	0.0001929	3851.99585	5154.40869
4797.0	0.0002100	3852.17163	5131.67041
4917.0	0.0002041	3852.33936	5106.51514
4872.0	0.0002041	3852.49829	5079.46777
4865.0	0.0002041	3852.64868	5050.84863
4800.0	0.0002100	3852.79053	5021.14990
4817.0	0.0002100	3852.92407	4990.66113
4746.0	0.0002100	3853.04907	4959.81250
4721.0	0.0002100	3853.16577	4928.81006
4508.0	0.0002228	3853.27344	4898.00293
4695.0	0.0002100	3853.37280	4867.51660
4626.0	0.0002163	3853.46362	4837.62451
4531.0	0.0002228	3853.54614	4808.37939
4691.0	0.0002163	3853.61987	4779.94922
4447.0	0.0002228	3853.68506	4752.46094
4399.0	0.0002296	3853.74194	4725.90576
4278.0	0.0002367	3853.79004	4700.40967
4390.0	0.0002296	3853.82959	4675.93213
4229.0	0.0002367	3853.86060	4652.56689
4358.0	0.0002296	3853.88306	4630.33691
4312.0	0.0002296	3853.89673	4609.13477
4361.0	0.0002296	3853.90210	4588.99414
4261.0	0.0002367	3853.89868	4569.88037
4190.0	0.0002367	3853.88696	4551.85010
4295.0	0.0002296	3853.86646	4534.80127
4286.0	0.0002367	3853.83740	4518.76514

4378.0	0.0002296	3853.79956	4503.64844
4153.0	0.0002441	3853.75342	4489.46533
4238.0	0.0002367	3853.69849	4476.13184
4288.0	0.0002367	3853.63501	4463.64648
4343.0	0.0002296	3853.56323	4451.93457
4285.0	0.0002367	3853.48242	4440.95068
4345.0	0.0002296	3853.39331	4430.67529
4146.0	0.0002441	3853.29541	4421.02832
4357.0	0.0002296	3853.18921	4411.98242
4187.0	0.0002367	3853.07397	4403.46094
4457.0	0.0002228	3852.95068	4395.43652
4094.0	0.0002441	3852.81836	4387.83057
4305.0	0.0002296	3852.67773	4380.61621
4288.0	0.0002367	3852.52856	4373.71533
4197.0	0.0002367	3852.37061	4367.09961
4322.0	0.0002296	3852.20410	4360.70117
4337.0	0.0002296	3852.02905	4354.48389
4446.0	0.0002228	3851.84595	4348.42383
4349.0	0.0002296	3851.65356	4342.46094
4335.0	0.0002296	3851.45313	4336.59082
4279.0	0.0002367	3851.24390	4330.77246
3968.0	0.0002520	3851.02661	4325.01416
4233.0	0.0002367	3850.80029	4319.29785
4070.0	0.0002441	3850.56567	4313.64404
4369.0	0.0002296	3850.32251	4308.05371
4119.0	0.0002441	3850.07031	4302.54980
4284.0	0.0002367	3849.81030	4297.18164
4334.0	0.0002296	3849.54175	4291.96582
4158.0	0.0002441	3849.26465	4287.07275
4247.0	0.0002367	3848.97900	4282.31689
4039.0	0.0002441	3848.68506	4277.87402
4217.0	0.0002367	3848.38232	4273.78613
4079.0	0.0002441	3848.07202	4270.12842
4182.0	0.0002367	3847.75293	4266.95166
4236.0	0.0002367	3847.42456	4264.31738
4018.0	0.0002520	3847.08862	4262.29932
4040.0	0.0002441	3846.74390	4260.95410
4369.0	0.0002296	3846.39185	4260.35059
3928.0	0.0002520	3846.03027	4260.61719
4140.0	0.0002441	3845.66089	4261.68945
4021.0	0.0002520	3845.28296	4263.70264
4214.0	0.0002367	3844.89746	4266.71143
4007.0	0.0002520	3844.50269	4270.78516
4095.0	0.0002441	3844.10010	4275.96973
4069.0	0.0002441	3843.68896	4282.36523
4005.0	0.0002520	3843.26953	4289.96436
4070.0	0.0002441	3842.84302	4298.81738
4198.0	0.0002367	3842.40698	4309.04346
3976.0	0.0002520	3841.96313	4320.54443
3950.0	0.0002520	3841.51099	4333.42139
4013.0	0.0002520	3841.05103	4347.64502
4129.0	0.0002441	3840.58301	4363.25732
4075.0	0.0002441	3840.10693	4380.19287
4059.0	0.0002441	3839.62207	4398.47070

4246.0	0.0002367	3839.12915	4418.01465
4123.0	0.0002441	3838.62891	4438.72607
4257.0	0.0002367	3838.12061	4460.58691
4409.0	0.0002296	3837.60400	4483.39014
4092.0	0.0002441	3837.07910	4507.08203
4171.0	0.0002367	3836.54663	4531.42432
4310.0	0.0002296	3836.00586	4556.29346
4317.0	0.0002296	3835.45825	4581.38184
4365.0	0.0002296	3834.90137	4606.49023
4530.0	0.0002228	3834.33691	4631.34229
4571.0	0.0002163	3833.76489	4655.52393
4259.0	0.0002367	3833.18457	4678.78271
4588.0	0.0002163	3832.59790	4700.69873
4271.0	0.0002367	3832.00195	4720.97607
4572.0	0.0002163	3831.39893	4739.21436
4440.0	0.0002228	3830.78760	4755.16064
4508.0	0.0002228	3830.16992	4768.49268
4627.0	0.0002163	3829.54297	4779.02979
4324.0	0.0002296	3828.90918	4786.58008
4368.0	0.0002296	3828.26733	4791.06494
4559.0	0.0002163	3827.61743	4792.41992
4389.0	0.0002296	3826.96167	4790.64502
4434.0	0.0002228	3826.29688	4785.78027
4698.0	0.0002100	3825.62549	4777.91309
4051.0	0.0002441	3824.94556	4766.52930
4434.0	0.0002228	3824.25928	4753.02734
4546.0	0.0002228	3823.56543	4736.94238
4473.0	0.0002228	3822.86401	4718.52686
4175.0	0.0002367	3822.15479	4697.97021
4149.0	0.0002441	3821.43799	4675.56250
4376.0	0.0002296	3820.71484	4651.61719
4391.0	0.0002296	3819.98340	4626.36230
4254.0	0.0002367	3819.24658	4600.16553
4400.0	0.0002296	3818.50073	4573.23193
4500.0	0.0002228	3817.74878	4545.91943
4168.0	0.0002367	3816.98853	4518.40527
4298.0	0.0002296	3816.22314	4491.00684
4076.0	0.0002441	3815.44897	4463.86328
4304.0	0.0002296	3814.66748	4437.14209
4209.0	0.0002367	3813.88037	4411.09375
4165.0	0.0002367	3813.08496	4385.75000
4320.0	0.0002296	3812.28467	4361.28564
4029.0	0.0002520	3811.47559	4337.71191
4040.0	0.0002441	3810.66064	4315.15430
4051.0	0.0002441	3809.83789	4293.59473
4043.0	0.0002441	3809.01025	4273.12305
3949.0	0.0002520	3808.17407	4253.71191
4120.0	0.0002441	3807.33105	4235.35889
4073.0	0.0002441	3806.48242	4218.13135
4000.0	0.0002520	3805.62622	4201.96094
3878.0	0.0002601	3804.76514	4186.88818
3921.0	0.0002520	3803.89575	4172.85889
4232.0	0.0002367	3803.02075	4159.90576
3940.0	0.0002520	3802.13843	4147.97852

4057.0	0.0002441	3801.25049	4137.10156
3758.0	0.0002687	3800.35522	4127.24463
3681.0	0.0002687	3799.45581	4118.42627
3846.0	0.0002601	3798.54785	4110.61865
4024.0	0.0002520	3797.63379	4103.84180
4050.0	0.0002441	3796.71436	4098.10303
3927.0	0.0002520	3795.78760	4093.39380
3866.0	0.0002601	3794.85718	4089.73706
4026.0	0.0002520	3793.91821	4087.13379
4040.0	0.0002441	3792.97437	4085.59741
3936.0	0.0002520	3792.02344	4085.13525
4015.0	0.0002520	3791.06885	4085.75952
4005.0	0.0002520	3790.10596	4087.47095
3859.0	0.0002601	3789.13721	4090.27808
3844.0	0.0002601	3788.16382	4094.16162
3860.0	0.0002601	3787.18335	4099.12402
3832.0	0.0002601	3786.19971	4105.12744
3857.0	0.0002601	3785.20776	4112.15820
3947.0	0.0002520	3784.21143	4120.15186
4051.0	0.0002441	3783.20850	4129.19629
4089.0	0.0002441	3782.20215	4138.96191
4056.0	0.0002441	3781.18799	4149.50098
4003.0	0.0002520	3780.16846	4160.73633
4014.0	0.0002520	3779.14453	4172.50635
4081.0	0.0002441	3778.11401	4184.73193
4130.0	0.0002441	3777.07959	4197.23438
4086.0	0.0002441	3776.03979	4209.90283
4076.0	0.0002441	3774.99463	4222.52441
4246.0	0.0002367	3773.94312	4234.96777
4297.0	0.0002296	3772.88794	4247.01514
4231.0	0.0002367	3771.82617	4258.52246
4316.0	0.0002296	3770.76196	4269.29785
4337.0	0.0002296	3769.69043	4279.21631
4202.0	0.0002367	3768.61377	4288.16016
4106.0	0.0002441	3767.53345	4296.04199
4134.0	0.0002441	3766.44727	4302.86230
4245.0	0.0002367	3765.35864	4308.61670
4301.0	0.0002296	3764.26270	4313.38477
4314.0	0.0002296	3763.16357	4317.23535
4321.0	0.0002296	3762.05835	4320.29541
4294.0	0.0002296	3760.95117	4322.68604
4301.0	0.0002296	3759.83691	4324.54102
4371.0	0.0002296	3758.71826	4325.99756
4325.0	0.0002296	3757.59644	4327.17480
4226.0	0.0002367	3756.46899	4328.22119
4232.0	0.0002367	3755.33984	4329.18750
4230.0	0.0002367	3754.20386	4330.18457
4195.0	0.0002367	3753.06494	4331.26758
4210.0	0.0002367	3751.92065	4332.47559
4285.0	0.0002367	3750.77344	4333.80322
4376.0	0.0002296	3749.62207	4335.22363
4401.0	0.0002296	3748.46558	4336.66406
4298.0	0.0002296	3747.30664	4338.00928
4119.0	0.0002441	3746.14233	4339.11523

4047.0	0.0002441	3744.97559	4339.79980
4167.0	0.0002367	3743.80493	4339.85352
4350.0	0.0002296	3742.63086	4339.04834
4252.0	0.0002367	3741.45166	4337.15625
4090.0	0.0002441	3740.27026	4333.96191
4130.0	0.0002441	3739.08374	4329.27832
4138.0	0.0002441	3737.89673	4322.98096
4033.0	0.0002441	3736.70337	4314.98291
3909.0	0.0002520	3735.50684	4305.28711
3934.0	0.0002520	3734.30835	4293.98340
4032.0	0.0002520	3733.10522	4281.17090
4005.0	0.0002520	3731.90137	4267.07568
3937.0	0.0002520	3730.69189	4251.87012
3911.0	0.0002520	3729.48071	4235.84131
3938.0	0.0002520	3728.26514	4219.18652
3976.0	0.0002520	3727.04932	4202.19873
3976.0	0.0002520	3725.82788	4185.05127
3910.0	0.0002520	3724.60352	4167.97803
3861.0	0.0002601	3723.37793	4151.19287
3883.0	0.0002601	3722.14819	4134.81250
3927.0	0.0002520	3720.91846	4119.02393
3930.0	0.0002520	3719.68335	4103.90381
3877.0	0.0002601	3718.44727	4089.60278
3848.0	0.0002601	3717.20728	4076.15454
3883.0	0.0002601	3715.96606	4063.66675
3949.0	0.0002520	3714.72266	4052.16235
3916.0	0.0002520	3713.47534	4041.66528
3867.0	0.0002601	3712.22754	4032.23438
3925.0	0.0002520	3710.97583	4023.84106
3871.0	0.0002601	3709.72339	4016.50293
3763.0	0.0002687	3708.46753	4010.18262
3850.0	0.0002601	3707.21265	4004.88379
3956.0	0.0002520	3705.95313	4000.53784
3966.0	0.0002520	3704.69263	3997.12891
3929.0	0.0002520	3703.42920	3994.59985
3769.0	0.0002687	3702.16699	3992.91479
3600.0	0.0002778	3700.90015	3992.00244
3762.0	0.0002687	3699.63159	3991.82080
3999.0	0.0002520	3698.36304	3992.30762
4027.0	0.0002520	3697.09131	3993.40405
3936.0	0.0002520	3695.82129	3995.05103
3891.0	0.0002601	3694.54688	3997.19043
3949.0	0.0002520	3693.27246	3999.76001
3921.0	0.0002520	3691.99536	4002.70679
3887.0	0.0002601	3690.72021	4005.97070
3974.0	0.0002520	3689.44092	4009.48950
3931.0	0.0002520	3688.16040	4013.21191
3806.0	0.0002601	3686.88037	4017.07251
3858.0	0.0002601	3685.59814	4021.02661
4075.0	0.0002441	3684.31787	4025.00854
4178.0	0.0002367	3683.03394	4028.97119
3873.0	0.0002601	3681.75024	4032.84595
3717.0	0.0002687	3680.46484	4036.58960
3970.0	0.0002520	3679.18018	4040.13403

4240.0	0.0002367	3677.89502	4043.42749
4233.0	0.0002367	3676.60767	4046.41406
4024.0	0.0002520	3675.32129	4049.02588
4084.0	0.0002441	3674.03320	4051.21387
4148.0	0.0002441	3672.74634	4052.93457
3997.0	0.0002520	3671.45776	4054.10254
4104.0	0.0002441	3670.17188	4054.70801
4240.0	0.0002367	3668.88281	4054.66260
4074.0	0.0002441	3667.59546	4053.95068
4093.0	0.0002441	3666.30786	4052.53979
4319.0	0.0002296	3665.01733	4050.40381
4414.0	0.0002296	3663.73145	4047.54517
4246.0	0.0002367	3662.44287	4043.94922
3984.0	0.0002520	3661.15601	4039.63647
3939.0	0.0002520	3659.86792	4034.61938
4020.0	0.0002520	3658.58325	4028.94165
4128.0	0.0002441	3657.29590	4022.62915
4248.0	0.0002367	3656.01074	4015.75049
4278.0	0.0002367	3654.72437	4008.36157
4142.0	0.0002441	3653.44189	4000.51172
3880.0	0.0002601	3652.15698	3992.26172
3777.0	0.0002687	3650.87280	3983.68921
3932.0	0.0002520	3649.59106	3974.88062
4004.0	0.0002520	3648.30884	3965.87427
3995.0	0.0002520	3647.02881	3956.76294
4009.0	0.0002520	3645.74976	3947.57886
3945.0	0.0002520	3644.47192	3938.40625
3844.0	0.0002601	3643.19385	3929.26611
3807.0	0.0002601	3641.91821	3920.23560
3796.0	0.0002601	3640.64404	3911.33350
3831.0	0.0002601	3639.36938	3902.61597
3927.0	0.0002520	3638.09790	3894.08667
3870.0	0.0002601	3636.82642	3885.77075
3689.0	0.0002687	3635.55786	3877.71533
3641.0	0.0002778	3634.28931	3869.90991
3672.0	0.0002687	3633.02539	3862.39868
3702.0	0.0002687	3631.76025	3855.16406
3733.0	0.0002687	3630.49829	3848.24146
3763.0	0.0002687	3629.23828	3841.58398
3775.0	0.0002687	3627.97705	3835.26831
3754.0	0.0002687	3626.72241	3829.28369
3781.0	0.0002687	3625.46655	3823.60889
3868.0	0.0002601	3624.21436	3818.26880
3836.0	0.0002601	3622.96289	3813.24243
3779.0	0.0002687	3621.71655	3808.40771
3802.0	0.0002601	3620.46948	3804.03174
3648.0	0.0002778	3619.22607	3799.98389
3533.0	0.0002873	3617.98389	3796.25732
3758.0	0.0002687	3616.74536	3792.85791
3740.0	0.0002687	3615.50928	3789.77905
3540.0	0.0002873	3614.27441	3787.02148
3729.0	0.0002687	3613.04370	3784.59106
3935.0	0.0002520	3611.81421	3782.47925
3883.0	0.0002601	3610.58862	3780.69263

3708.0	0.0002687	3609.36621	3779.22827
3660.0	0.0002687	3608.14648	3778.08691
3741.0	0.0002687	3606.92847	3777.26855
3645.0	0.0002778	3605.71460	3776.77466
3562.0	0.0002778	3604.50244	3776.60669
3673.0	0.0002687	3603.29321	3776.76440
3762.0	0.0002687	3602.09033	3777.25073
3731.0	0.0002687	3600.88745	3778.05957
3631.0	0.0002778	3599.68945	3779.19409
3630.0	0.0002778	3598.49341	3780.65552
3708.0	0.0002687	3597.30347	3782.44019
3746.0	0.0002687	3596.11426	3784.54443
3737.0	0.0002687	3594.92993	3786.96216
3705.0	0.0002687	3593.74927	3789.69702
3692.0	0.0002687	3592.56909	3792.73682
3755.0	0.0002687	3591.39722	3796.08472
3850.0	0.0002601	3590.22607	3799.70605
3854.0	0.0002601	3589.06006	3803.59473
3777.0	0.0002687	3587.89673	3807.76489
3696.0	0.0002687	3586.73999	3812.14868
3686.0	0.0002687	3585.58447	3816.75098
3652.0	0.0002778	3584.43408	3821.53345
3635.0	0.0002778	3583.28662	3826.47974
3905.0	0.0002601	3582.14478	3831.53613
4082.0	0.0002441	3581.00684	3836.67725
3873.0	0.0002601	3579.87207	3841.84473
3749.0	0.0002687	3578.74268	3846.97656
3744.0	0.0002687	3577.61646	3852.02710
3718.0	0.0002687	3576.49585	3856.91431
3855.0	0.0002601	3575.37842	3861.58228
3983.0	0.0002520	3574.26831	3865.94287
3843.0	0.0002601	3573.15991	3869.92969
3852.0	0.0002601	3572.05762	3873.46069
4022.0	0.0002520	3570.95850	3876.47339
3976.0	0.0002520	3569.86426	3878.90137
3801.0	0.0002601	3568.77734	3880.69263
3714.0	0.0002687	3567.69263	3881.81323
3844.0	0.0002601	3566.61401	3882.23730
3820.0	0.0002601	3565.53931	3881.96802
3592.0	0.0002778	3564.47168	3881.01807
3686.0	0.0002687	3563.40698	3879.41626
3875.0	0.0002601	3562.34839	3877.20923
3848.0	0.0002601	3561.29492	3874.45215
3744.0	0.0002687	3560.24438	3871.20142
3687.0	0.0002687	3559.20239	3867.54590
3720.0	0.0002687	3558.16357	3863.53442
3782.0	0.0002687	3557.13110	3859.25610
3844.0	0.0002601	3556.10278	3854.76587
3902.0	0.0002601	3555.08228	3850.14014
3923.0	0.0002520	3554.06494	3845.42529
3869.0	0.0002601	3553.05444	3840.69214
3735.0	0.0002687	3552.04810	3836.24023
3643.0	0.0002778	3551.04858	3831.60303
3683.0	0.0002687	3550.05371	3827.06763

3838.0	0.0002601	3549.06543	3822.67920
3856.0	0.0002601	3548.08301	3818.47534
3753.0	0.0002687	3547.10522	3814.47266
3869.0	0.0002601	3546.13452	3810.70288
3912.0	0.0002520	3545.16846	3807.18066
3719.0	0.0002687	3544.21069	3803.93604
3671.0	0.0002687	3543.25635	3800.96680
3696.0	0.0002687	3542.30957	3798.29907
3681.0	0.0002687	3541.36743	3795.93188
3873.0	0.0002601	3540.43140	3793.88062
4024.0	0.0002520	3539.50366	3792.15063
3858.0	0.0002601	3538.58008	3790.73877
3816.0	0.0002601	3537.66357	3789.64795
3829.0	0.0002601	3536.75244	3788.87573
3596.0	0.0002778	3535.84961	3788.41919
3593.0	0.0002778	3534.95117	3788.27197
3776.0	0.0002687	3534.06006	3788.42456
3668.0	0.0002687	3533.17529	3788.86938
3632.0	0.0002778	3532.29492	3789.59473
3763.0	0.0002687	3531.42432	3790.58447
3691.0	0.0002687	3530.55786	3791.82446
3634.0	0.0002778	3529.69922	3793.28882
3720.0	0.0002687	3528.84619	3794.96802
3705.0	0.0002687	3528.00073	3796.82910
3724.0	0.0002687	3527.16187	3798.85376
3812.0	0.0002601	3526.32983	3801.00317
3585.0	0.0002778	3525.50439	3803.25684
3388.0	0.0002973	3524.68408	3805.58130
3633.0	0.0002778	3523.87231	3807.93359
3948.0	0.0002520	3523.06738	3810.28662
4060.0	0.0002441	3522.26929	3812.72314
3919.0	0.0002520	3521.47729	3814.96045
3703.0	0.0002687	3520.69287	3817.08325
3621.0	0.0002778	3519.91479	3819.06299
3758.0	0.0002687	3519.14551	3820.85962
3814.0	0.0002601	3518.38159	3822.44604
3737.0	0.0002687	3517.62524	3823.79370
3775.0	0.0002687	3516.87524	3824.87793
3914.0	0.0002520	3516.13257	3825.67651
4018.0	0.0002520	3515.39868	3826.16772
3958.0	0.0002520	3514.67041	3826.33765
3942.0	0.0002520	3513.94971	3826.16431
4028.0	0.0002520	3513.23584	3825.63501
3894.0	0.0002601	3512.53076	3824.73389
3773.0	0.0002687	3511.83130	3823.43799
3915.0	0.0002520	3511.13989	3821.72900
4039.0	0.0002441	3510.45605	3819.58545
4066.0	0.0002441	3509.77783	3816.97900
4022.0	0.0002520	3509.10938	3813.89844
3802.0	0.0002601	3508.44678	3810.31372
3670.0	0.0002687	3507.79224	3806.22290
3928.0	0.0002520	3507.14453	3801.61401
3684.0	0.0002687	3506.50513	3796.50415
3752.0	0.0002687	3505.87305	3790.90308

3559.0	0.0002778	3505.24854	3784.85913
3897.0	0.0002601	3504.63159	3778.40454
3852.0	0.0002601	3504.02075	3771.58838
4021.0	0.0002520	3503.41895	3764.65210
3753.0	0.0002687	3502.82397	3757.32373
3715.0	0.0002687	3502.23804	3749.83911
3680.0	0.0002687	3501.65845	3742.24414
3692.0	0.0002687	3501.08716	3734.61377
3645.0	0.0002778	3500.52271	3726.98267
3744.0	0.0002687	3499.96729	3719.42358
3471.0	0.0002873	3499.41846	3711.96558
3763.0	0.0002687	3498.87769	3704.64990
3595.0	0.0002778	3498.34424	3697.50073
3806.0	0.0002601	3497.81836	3690.55664
3763.0	0.0002687	3497.30151	3683.84912
3677.0	0.0002687	3496.79126	3677.38159
3802.0	0.0002601	3496.28931	3671.18091
3745.0	0.0002687	3495.79468	3665.24756
3546.0	0.0002778	3495.30884	3659.59790
3723.0	0.0002687	3494.82983	3654.22095
3587.0	0.0002778	3494.35913	3649.13306
3686.0	0.0002687	3493.89575	3644.31543
3695.0	0.0002687	3493.43994	3639.77026
3637.0	0.0002778	3492.99316	3635.49487
3587.0	0.0002778	3492.55347	3631.47144
3767.0	0.0002687	3492.12183	3627.69727
3675.0	0.0002687	3491.69775	3624.15259
3681.0	0.0002687	3491.28174	3620.83472
3788.0	0.0002601	3490.87329	3617.72607
3744.0	0.0002687	3490.47363	3614.81885
3480.0	0.0002873	3490.08130	3612.09937
3709.0	0.0002687	3489.69604	3609.55298
3586.0	0.0002778	3489.31958	3607.17822
3501.0	0.0002873	3488.95068	3604.95654
3662.0	0.0002687	3488.59033	3602.88550
3583.0	0.0002778	3488.23706	3600.94922
3741.0	0.0002687	3487.89209	3599.14819
3623.0	0.0002778	3487.55444	3597.46509
3569.0	0.0002778	3487.22559	3595.90234
3624.0	0.0002778	3486.90405	3594.44604
3492.0	0.0002873	3486.59058	3593.09814
3608.0	0.0002778	3486.28442	3591.84619
3633.0	0.0002778	3485.98633	3590.68848
3368.0	0.0002973	3485.69678	3589.62427
3591.0	0.0002778	3485.41455	3588.64478
3863.0	0.0002601	3485.14038	3587.79956
3596.0	0.0002778	3484.87378	3586.98145
3804.0	0.0002601	3484.61548	3586.24561
3638.0	0.0002778	3484.36450	3585.58179
3506.0	0.0002873	3484.12158	3584.99170
3536.0	0.0002873	3483.88623	3584.47070
3377.0	0.0002973	3483.65869	3584.01782
3741.0	0.0002687	3483.43921	3583.63110
3691.0	0.0002687	3483.22778	3583.31348

3769.0	0.0002687	3483.02368	3583.05664
3658.0	0.0002778	3482.82739	3582.86279
3758.0	0.0002687	3482.63892	3582.72876
3666.0	0.0002687	3482.45801	3582.65723
3802.0	0.0002601	3482.28540	3582.64795
3704.0	0.0002687	3482.12012	3582.69751
3661.0	0.0002687	3481.96216	3582.80591
3614.0	0.0002778	3481.81226	3582.97363
3627.0	0.0002778	3481.66992	3583.20142
3602.0	0.0002778	3481.53564	3583.48779
3501.0	0.0002873	3481.40845	3583.83594
3505.0	0.0002873	3481.28906	3584.24243
3602.0	0.0002778	3481.17700	3584.71240
3843.0	0.0002601	3481.07300	3585.24414
3459.0	0.0002873	3480.97632	3585.83887
3678.0	0.0002687	3480.88721	3586.49829
3606.0	0.0002778	3480.80542	3587.22461
3604.0	0.0002778	3480.73120	3588.01929
3685.0	0.0002687	3480.66455	3588.88452
3607.0	0.0002778	3480.60522	3589.82080
3664.0	0.0002687	3480.55347	3590.82959
3692.0	0.0002687	3480.50879	3591.91479
3675.0	0.0002687	3480.47168	3593.07617
3561.0	0.0002778	3480.44214	3594.32422
3712.0	0.0002687	3480.41943	3595.64990
3430.0	0.0002873	3480.40430	3597.06470
3856.0	0.0002601	3480.39648	3598.57080
3656.0	0.0002778	3480.39575	3600.16357
3696.0	0.0002687	3480.40234	3601.85425
3607.0	0.0002778	3480.41602	3603.64160
3644.0	0.0002778	3480.43677	3605.53223
3450.0	0.0002873	3480.46460	3607.52393
3649.0	0.0002778	3480.49976	3609.62866
3613.0	0.0002778	3480.54175	3611.83887
3580.0	0.0002778	3480.59082	3614.16650
3624.0	0.0002778	3480.64697	3616.61597
3444.0	0.0002873	3480.70996	3619.18384
3735.0	0.0002687	3480.78003	3621.88208
3585.0	0.0002778	3480.85645	3624.70459
3715.0	0.0002687	3480.94019	3627.66626
3560.0	0.0002778	3481.03076	3630.75903
3613.0	0.0002778	3481.12793	3634.00073
3517.0	0.0002873	3481.23169	3637.38037
3727.0	0.0002687	3481.34253	3640.91089
3548.0	0.0002778	3481.45972	3644.60352
3674.0	0.0002687	3481.58374	3648.44238
3548.0	0.0002778	3481.71436	3652.44434
3468.0	0.0002873	3481.85107	3656.62036
3779.0	0.0002687	3481.99463	3660.95142
3663.0	0.0002687	3482.14453	3665.44360
3595.0	0.0002778	3482.30127	3670.11279
3858.0	0.0002601	3482.46387	3674.94727
3642.0	0.0002778	3482.63281	3679.95923
3548.0	0.0002778	3482.80811	3685.13916

3601.0	0.0002778	3482.98975	3690.54346
3795.0	0.0002601	3483.17773	3696.07520
3479.0	0.0002873	3483.37158	3701.76709
3898.0	0.0002601	3483.57178	3707.63452
3731.0	0.0002687	3483.77734	3713.65210
3632.0	0.0002778	3483.98975	3719.87329
3846.0	0.0002601	3484.20752	3726.19189
3783.0	0.0002601	3484.43164	3732.66138
3555.0	0.0002778	3484.66113	3739.25098
3880.0	0.0002601	3484.89673	3745.95825
3770.0	0.0002687	3485.13843	3752.77808
3747.0	0.0002687	3485.38525	3759.67139
3740.0	0.0002687	3485.63818	3766.64526
3921.0	0.0002520	3485.89600	3773.65967
3882.0	0.0002601	3486.16016	3780.72095
3699.0	0.0002687	3486.42944	3787.78442
3793.0	0.0002601	3486.70435	3794.85449
3636.0	0.0002778	3486.98413	3801.88843
3736.0	0.0002687	3487.26978	3808.88574
3777.0	0.0002687	3487.56079	3815.83447
3951.0	0.0002520	3487.85669	3822.69287
3838.0	0.0002601	3488.15796	3829.47363
3981.0	0.0002520	3488.46387	3836.14526
3809.0	0.0002601	3488.77539	3842.72534
3811.0	0.0002601	3489.09155	3849.19067
4015.0	0.0002520	3489.41309	3855.56055
3893.0	0.0002601	3489.73901	3861.82422
4009.0	0.0002520	3490.07007	3868.01221
3998.0	0.0002520	3490.40527	3874.11816
3862.0	0.0002601	3490.74609	3880.18262
4042.0	0.0002441	3491.09131	3886.23047
3891.0	0.0002601	3491.44067	3892.25977
4191.0	0.0002367	3491.79517	3898.33301
4206.0	0.0002367	3492.15332	3904.46436
3927.0	0.0002520	3492.51636	3910.70996
4088.0	0.0002441	3492.88354	3917.09302
3972.0	0.0002520	3493.25537	3923.67627
3994.0	0.0002520	3493.63037	3930.48511
4140.0	0.0002441	3494.01050	3937.58984
4106.0	0.0002441	3494.39478	3945.02637
4069.0	0.0002441	3494.78247	3952.83911
4086.0	0.0002441	3495.17456	3961.10229
4051.0	0.0002441	3495.56958	3969.84448
4066.0	0.0002441	3495.96948	3979.14282
4183.0	0.0002367	3496.37231	3989.02319
4338.0	0.0002296	3496.77954	3999.55981
4044.0	0.0002441	3497.18945	4010.76147
4085.0	0.0002441	3497.60376	4022.68823
4257.0	0.0002367	3498.02148	4035.37231
3957.0	0.0002520	3498.44214	4048.77515
4088.0	0.0002441	3498.86646	4062.93896
4146.0	0.0002441	3499.29370	4077.79980
3927.0	0.0002520	3499.72412	4093.34961
4306.0	0.0002296	3500.15771	4109.47852

4013.0	0.0002520	3500.59473	4126.13672
4463.0	0.0002228	3501.03418	4143.15527
4417.0	0.0002296	3501.47705	4160.43555
4312.0	0.0002296	3501.92163	4177.74854
4218.0	0.0002367	3502.36987	4194.93945
4261.0	0.0002367	3502.82104	4211.75293
4394.0	0.0002296	3503.27417	4227.90332
4320.0	0.0002296	3503.73022	4243.16650
4336.0	0.0002296	3504.18774	4257.20703
4186.0	0.0002367	3504.64893	4269.77490
4333.0	0.0002296	3505.11157	4280.55957
4192.0	0.0002367	3505.57690	4289.34863
4324.0	0.0002296	3506.04346	4295.91113
4367.0	0.0002296	3506.51318	4300.14209
4413.0	0.0002296	3506.98486	4301.97070
4164.0	0.0002367	3507.45776	4301.42090
4347.0	0.0002296	3507.93335	4298.59326
4272.0	0.0002367	3508.40918	4293.65771
4265.0	0.0002367	3508.88818	4286.81543
4323.0	0.0002296	3509.36792	4278.33252
4166.0	0.0002367	3509.84985	4268.44531
4235.0	0.0002367	3510.33252	4257.44189
4345.0	0.0002296	3510.81665	4245.55957
4179.0	0.0002367	3511.30273	4233.01807
4213.0	0.0002367	3511.78931	4220.08398
4212.0	0.0002367	3512.27759	4206.90381
4128.0	0.0002441	3512.76636	4193.68799
4324.0	0.0002296	3513.25610	4180.53809
4205.0	0.0002367	3513.74658	4167.62207
4021.0	0.0002520	3514.23853	4154.99609
4298.0	0.0002296	3514.73071	4142.78223
4328.0	0.0002296	3515.22412	4131.00928
4187.0	0.0002367	3515.71655	4119.73389
4104.0	0.0002441	3516.21094	4108.95898
4179.0	0.0002367	3516.70557	4098.70898
3856.0	0.0002601	3517.19995	4088.99927
4114.0	0.0002441	3517.69531	4079.78784
3941.0	0.0002520	3518.18945	4071.08081
4225.0	0.0002367	3518.68481	4062.82837
4031.0	0.0002520	3519.17944	4055.02979
3917.0	0.0002520	3519.67456	4047.62524
3937.0	0.0002520	3520.16870	4040.61084
4316.0	0.0002296	3520.66333	4033.93799
3928.0	0.0002520	3521.15771	4027.58813
4162.0	0.0002367	3521.65088	4021.55273
4000.0	0.0002520	3522.14429	4015.79199
4001.0	0.0002520	3522.63599	4010.31470
4021.0	0.0002520	3523.12817	4005.09204
4091.0	0.0002441	3523.61865	4000.13940
4024.0	0.0002520	3524.10913	3995.44312
3983.0	0.0002520	3524.59790	3991.02051
3974.0	0.0002520	3525.08569	3986.87549
3758.0	0.0002687	3525.57300	3983.01685
4101.0	0.0002441	3526.05835	3979.47998

4051.0	0.0002441	3526.54321	3976.26709
3930.0	0.0002520	3527.02588	3973.40869
3978.0	0.0002520	3527.50781	3970.92261
3962.0	0.0002520	3527.98706	3968.83765
4025.0	0.0002520	3528.46558	3967.17480
4060.0	0.0002441	3528.94189	3965.96240
3822.0	0.0002601	3529.41650	3965.22070
3820.0	0.0002601	3529.89038	3964.97656
3740.0	0.0002687	3530.36035	3965.25220
4113.0	0.0002441	3530.82959	3966.06787
3820.0	0.0002601	3531.29614	3967.43945
3801.0	0.0002601	3531.76099	3969.38965
4024.0	0.0002520	3532.22217	3971.92114
4053.0	0.0002441	3532.68213	3975.05713
3961.0	0.0002520	3533.13916	3978.79004
3985.0	0.0002520	3533.59424	3983.13428
4006.0	0.0002520	3534.04541	3988.07178
3860.0	0.0002601	3534.49487	3993.61426
3935.0	0.0002520	3534.94165	3999.73633
4069.0	0.0002441	3535.38477	4006.41138
4106.0	0.0002441	3535.82544	4013.63184
4035.0	0.0002441	3536.26221	4021.34229
4052.0	0.0002441	3536.69653	4029.52539
4084.0	0.0002441	3537.12720	4038.10547
4130.0	0.0002441	3537.55518	4047.04663
4115.0	0.0002441	3537.97900	4056.25952
4319.0	0.0002296	3538.39941	4065.67407
4184.0	0.0002367	3538.81665	4075.21680
3950.0	0.0002520	3539.22974	4084.74585
4354.0	0.0002296	3539.63965	4094.18384
4293.0	0.0002296	3540.04517	4103.38281
4177.0	0.0002367	3540.44702	4112.24268
4047.0	0.0002441	3540.84399	4120.61133
4030.0	0.0002520	3541.23804	4128.36328
4122.0	0.0002441	3541.62720	4135.36084
4320.0	0.0002296	3542.01196	4141.50439
4150.0	0.0002441	3542.39355	4146.69434
4034.0	0.0002441	3542.76929	4150.83203
4056.0	0.0002441	3543.14136	4153.88037
4102.0	0.0002441	3543.50830	4155.80713
3897.0	0.0002601	3543.87109	4156.62061
4189.0	0.0002367	3544.22827	4156.33496
4322.0	0.0002296	3544.58130	4155.01221
4161.0	0.0002367	3544.92920	4152.78955
4106.0	0.0002441	3545.27246	4149.54297
4322.0	0.0002296	3545.60962	4145.43994
3875.0	0.0002601	3545.94263	4140.53857
4091.0	0.0002441	3546.27026	4134.95313
3933.0	0.0002520	3546.59229	4128.62012
4057.0	0.0002441	3546.90894	4121.60498
4063.0	0.0002441	3547.21997	4113.94482
3937.0	0.0002520	3547.52539	4105.62354
3963.0	0.0002520	3547.82544	4096.66211
3903.0	0.0002601	3548.11963	4087.02930

4044.0	0.0002441	3548.40796	4076.75269
3976.0	0.0002520	3548.69067	4065.80542
3862.0	0.0002601	3548.96704	4054.21875
4137.0	0.0002441	3549.23755	4042.04395
3851.0	0.0002601	3549.50195	4029.29346
3960.0	0.0002520	3549.76001	4016.06836
3968.0	0.0002520	3550.01221	4002.40967
3981.0	0.0002520	3550.25732	3988.44897
3905.0	0.0002601	3550.49683	3974.24048
4063.0	0.0002441	3550.72925	3959.92456
3757.0	0.0002687	3550.95532	3945.57056
3747.0	0.0002687	3551.17505	3931.25854
3618.0	0.0002778	3551.38745	3917.12988
3783.0	0.0002601	3551.59351	3903.20557
3695.0	0.0002687	3551.79248	3889.59473
3804.0	0.0002601	3551.98462	3876.31470
3628.0	0.0002778	3552.16968	3863.45044
3697.0	0.0002687	3552.34766	3851.00391
3558.0	0.0002778	3552.51855	3839.03955
3594.0	0.0002778	3552.68237	3827.54492
3687.0	0.0002687	3552.83862	3816.57080
3761.0	0.0002687	3552.98755	3806.09106
3686.0	0.0002687	3553.12939	3796.12866
3651.0	0.0002778	3553.26318	3786.69946
3561.0	0.0002778	3553.38989	3777.76611
3615.0	0.0002778	3553.50879	3769.35205
3717.0	0.0002687	3553.62012	3761.41797
3504.0	0.0002873	3553.72339	3753.97656
3617.0	0.0002778	3553.81909	3746.98975
3570.0	0.0002778	3553.90674	3740.46191
3635.0	0.0002778	3553.98657	3734.35156
3681.0	0.0002687	3554.05835	3728.65796
3485.0	0.0002873	3554.12183	3723.35718
3555.0	0.0002778	3554.17749	3718.55200
3647.0	0.0002778	3554.22461	3713.97241
3535.0	0.0002873	3554.26367	3709.71265
3735.0	0.0002687	3554.29443	3705.76855
3510.0	0.0002873	3554.31665	3702.11011
3437.0	0.0002873	3554.33057	3698.73022
3679.0	0.0002687	3554.33594	3695.60352
3428.0	0.0002873	3554.33276	3692.71216
3562.0	0.0002778	3554.32104	3690.05420
3556.0	0.0002778	3554.30029	3687.60254
3556.0	0.0002778	3554.27124	3685.35522
3488.0	0.0002873	3554.23315	3683.29785
3659.0	0.0002778	3554.18628	3681.41943
3665.0	0.0002687	3554.13037	3679.71509
3698.0	0.0002687	3554.06567	3678.17871
3787.0	0.0002601	3553.99219	3676.80493
3541.0	0.0002778	3553.90894	3675.58569
3488.0	0.0002873	3553.81738	3674.52563
3634.0	0.0002778	3553.71606	3673.62012
3614.0	0.0002778	3553.60596	3672.86792
3487.0	0.0002873	3553.48633	3672.27271

3583.0	0.0002778	3553.35742	3671.83374
3665.0	0.0002687	3553.21924	3671.55322
3235.0	0.0003078	3553.07178	3671.43677
3603.0	0.0002778	3552.91455	3671.48535
3659.0	0.0002778	3552.74829	3671.70337
3616.0	0.0002778	3552.57178	3672.09912
3464.0	0.0002873	3552.38599	3672.67432
3632.0	0.0002778	3552.19116	3673.43408
3760.0	0.0002687	3551.98608	3674.38428
3695.0	0.0002687	3551.77148	3675.52832
3713.0	0.0002687	3551.54688	3676.87915
3606.0	0.0002778	3551.31299	3678.42383
3567.0	0.0002778	3551.06885	3680.17773
3686.0	0.0002687	3550.81519	3682.13989
3467.0	0.0002873	3550.55127	3684.31055
3699.0	0.0002687	3550.27710	3686.69800
3475.0	0.0002873	3549.99390	3689.29175
3665.0	0.0002687	3549.69995	3692.09399
3499.0	0.0002873	3549.39648	3695.11743
3599.0	0.0002778	3549.08252	3698.32275
3653.0	0.0002778	3548.75903	3701.71045
3655.0	0.0002778	3548.42480	3705.28345
3740.0	0.0002687	3548.08081	3709.01392
3653.0	0.0002778	3547.72656	3712.89551
3600.0	0.0002778	3547.36133	3716.91333
3568.0	0.0002778	3546.98657	3721.02319
3590.0	0.0002778	3546.60181	3725.21655
3603.0	0.0002778	3546.20654	3729.44849
3627.0	0.0002778	3545.80054	3733.69165
3642.0	0.0002778	3545.38452	3737.89404
3643.0	0.0002778	3544.95776	3742.02148
3691.0	0.0002687	3544.52173	3746.00977
3686.0	0.0002687	3544.07397	3749.81958
3606.0	0.0002778	3543.61646	3753.37964
3778.0	0.0002687	3543.14795	3756.64990
3926.0	0.0002520	3542.66895	3759.57227
3682.0	0.0002687	3542.18091	3762.09033
3705.0	0.0002687	3541.68091	3764.17676
3911.0	0.0002520	3541.17090	3765.79688
3701.0	0.0002687	3540.64990	3766.94629
3568.0	0.0002778	3540.11963	3767.62305
3692.0	0.0002687	3539.57764	3767.85352
3715.0	0.0002687	3539.02539	3767.67432
3678.0	0.0002687	3538.46289	3767.14990
3670.0	0.0002687	3537.88818	3766.45239
3673.0	0.0002687	3537.30518	3765.47437
3654.0	0.0002778	3536.71021	3764.41260
3639.0	0.0002778	3536.10522	3763.37646
3739.0	0.0002687	3535.48877	3762.47705
3848.0	0.0002601	3534.86279	3761.82910
3820.0	0.0002601	3534.22607	3761.54639
3655.0	0.0002778	3533.57861	3761.73389
3501.0	0.0002873	3532.92041	3762.49316
3510.0	0.0002873	3532.25024	3763.92627

3634.0	0.0002778	3531.57104	3766.10620
3751.0	0.0002687	3530.88135	3769.11816
3769.0	0.0002687	3530.18066	3773.01074
3812.0	0.0002601	3529.46899	3777.84180
3833.0	0.0002601	3528.74731	3783.62695
3672.0	0.0002687	3528.01416	3790.39648
3604.0	0.0002778	3527.27222	3798.12183
3714.0	0.0002687	3526.51782	3806.80518
3761.0	0.0002687	3525.75391	3816.36304
3774.0	0.0002687	3524.97852	3826.75903
3809.0	0.0002601	3524.19263	3837.88794
3820.0	0.0002601	3523.39795	3849.61401
3807.0	0.0002601	3522.59106	3861.82813
3808.0	0.0002601	3521.77441	3874.32764
3867.0	0.0002601	3520.94629	3886.96924
3935.0	0.0002520	3520.10986	3899.49512
3921.0	0.0002520	3519.26074	3911.71094
3785.0	0.0002601	3518.40259	3923.32544
3683.0	0.0002687	3517.53271	3934.10718
3769.0	0.0002687	3516.65259	3943.75952
3803.0	0.0002601	3515.76392	3951.99805
3786.0	0.0002601	3514.86304	3958.59131
3907.0	0.0002520	3513.95288	3963.29297
4029.0	0.0002520	3513.03125	3965.94287
4020.0	0.0002520	3512.10059	3966.41724
3870.0	0.0002601	3511.15967	3964.67432
3720.0	0.0002687	3510.20850	3960.75366
3708.0	0.0002687	3509.24731	3954.75757
3863.0	0.0002601	3508.27344	3946.84131
3870.0	0.0002601	3507.29199	3937.32910
3668.0	0.0002687	3506.29907	3926.31299
3745.0	0.0002687	3505.29858	3914.17065
3828.0	0.0002601	3504.28564	3901.14136
3614.0	0.0002778	3503.26392	3887.54688
3579.0	0.0002778	3502.23120	3873.61255
3683.0	0.0002687	3501.19092	3859.63452
3645.0	0.0002778	3500.13843	3845.80054
3585.0	0.0002778	3499.07715	3832.37158
3678.0	0.0002687	3498.00513	3819.49878
3950.0	0.0002520	3496.92310	3807.37915
3975.0	0.0002520	3495.83423	3796.18799
3741.0	0.0002687	3494.73291	3786.02368
3644.0	0.0002778	3493.62354	3777.03418
3650.0	0.0002778	3492.50317	3769.29468
3685.0	0.0002687	3491.37573	3762.91162
3762.0	0.0002687	3490.23657	3757.92993
3801.0	0.0002601	3489.08936	3754.41211
3807.0	0.0002601	3487.93115	3752.38892
3919.0	0.0002520	3486.76392	3751.88428
3901.0	0.0002601	3485.59009	3752.91040
3678.0	0.0002687	3484.40430	3755.45728
3744.0	0.0002687	3483.21069	3759.50928
3827.0	0.0002601	3482.00684	3765.05029
3575.0	0.0002778	3480.79517	3772.02905

3537.0	0.0002873	3479.57324	3780.41699
3702.0	0.0002687	3478.34546	3790.13159
3730.0	0.0002687	3477.10718	3801.12500
3779.0	0.0002687	3475.85742	3813.32715
3892.0	0.0002601	3474.60156	3826.59766
3950.0	0.0002520	3473.33594	3840.88330
3952.0	0.0002520	3472.06470	3856.02295
3945.0	0.0002520	3470.78174	3871.92212
3986.0	0.0002520	3469.49194	3888.38477
4084.0	0.0002441	3468.19238	3905.28735
4105.0	0.0002441	3466.88770	3922.39258
3844.0	0.0002601	3465.57153	3939.52173
3726.0	0.0002687	3464.24707	3956.45850
3969.0	0.0002520	3462.91626	3972.87817
4053.0	0.0002441	3461.57593	3988.56836
4005.0	0.0002520	3460.23071	4003.18677
4030.0	0.0002520	3458.87451	4016.46802
4039.0	0.0002441	3457.51221	4028.07349
4059.0	0.0002441	3456.14038	4037.74194
4122.0	0.0002441	3454.76465	4045.17603
4035.0	0.0002441	3453.37769	4050.17578
3906.0	0.0002601	3451.98486	4052.55933
3969.0	0.0002520	3450.58325	4052.23682
3964.0	0.0002520	3449.17432	4049.19043
3852.0	0.0002601	3447.75977	4043.48950
3854.0	0.0002601	3446.33838	4035.25513
3877.0	0.0002601	3444.90942	4024.70898
3860.0	0.0002601	3443.47217	4012.06616
3873.0	0.0002601	3442.02979	3997.65112
3832.0	0.0002601	3440.57886	3981.71313
3738.0	0.0002687	3439.12451	3964.60498
3764.0	0.0002687	3437.66211	3946.57886
3775.0	0.0002687	3436.18945	3927.89355
3660.0	0.0002778	3434.71411	3908.88110
3635.0	0.0002778	3433.23071	3889.69922
3742.0	0.0002687	3431.74438	3870.61694
3856.0	0.0002601	3430.24854	3851.75464
3767.0	0.0002687	3428.74854	3833.33008
3629.0	0.0002778	3427.24048	3815.42383
3698.0	0.0002687	3425.73047	3798.20581
3719.0	0.0002687	3424.21094	3781.72754
3638.0	0.0002778	3422.68579	3766.06250
3611.0	0.0002778	3421.15698	3751.32544
3532.0	0.0002873	3419.62085	3737.50293
3420.0	0.0002973	3418.08301	3724.66968
3456.0	0.0002873	3416.53638	3712.82397
3516.0	0.0002873	3414.98633	3701.95776
3555.0	0.0002778	3413.42944	3692.05566
3725.0	0.0002687	3411.86938	3683.13452
3786.0	0.0002601	3410.30444	3675.13989
3640.0	0.0002778	3408.73511	3668.06372
3667.0	0.0002687	3407.15894	3661.84741
3690.0	0.0002687	3405.57837	3656.46143
3507.0	0.0002873	3403.99536	3651.86377

3523.0	0.0002873	3402.40796	3648.00024
3659.0	0.0002778	3400.81641	3644.82422
3621.0	0.0002778	3399.21899	3642.28345
3523.0	0.0002873	3397.61938	3640.33740
3505.0	0.0002873	3396.01392	3638.93555
3598.0	0.0002778	3394.40869	3638.03516
3601.0	0.0002778	3392.79590	3637.59155
3602.0	0.0002778	3391.17969	3637.56885
3862.0	0.0002601	3389.56201	3637.92822
3867.0	0.0002601	3387.93896	3638.63428
3534.0	0.0002873	3386.31665	3639.65527
3475.0	0.0002873	3384.68750	3640.95728
3576.0	0.0002778	3383.05713	3642.50830
3620.0	0.0002778	3381.42212	3644.28174
3662.0	0.0002687	3379.78833	3646.24878
3628.0	0.0002778	3378.14795	3648.37158
3500.0	0.0002873	3376.50513	3650.62573
3496.0	0.0002873	3374.86206	3652.96313
3642.0	0.0002778	3373.21460	3655.35791
3812.0	0.0002601	3371.56885	3657.76855
3842.0	0.0002601	3369.91748	3660.15576
3764.0	0.0002687	3368.26587	3662.47144
3719.0	0.0002687	3366.61084	3664.67822
3731.0	0.0002687	3364.95581	3666.72510
3738.0	0.0002687	3363.29932	3668.57056
3664.0	0.0002687	3361.64160	3670.16113
3615.0	0.0002778	3359.98071	3671.46387
3654.0	0.0002778	3358.31836	3672.42847
3739.0	0.0002687	3356.65698	3673.01733
3801.0	0.0002601	3354.99292	3673.20410
3796.0	0.0002601	3353.33203	3672.96240
3740.0	0.0002687	3351.66650	3672.26611
3689.0	0.0002687	3350.00220	3671.10400
3683.0	0.0002687	3348.33545	3669.47510
3714.0	0.0002687	3346.67285	3667.38818
3691.0	0.0002687	3345.00562	3664.84009
3589.0	0.0002778	3343.33862	3661.85889
3590.0	0.0002778	3341.67358	3658.48779
3656.0	0.0002778	3340.00659	3654.71313
3672.0	0.0002687	3338.34424	3650.59863
3750.0	0.0002687	3336.67822	3646.16797
3803.0	0.0002601	3335.01465	3641.46899
3660.0	0.0002778	3333.35010	3636.53052
3554.0	0.0002778	3331.69019	3631.40649
3601.0	0.0002778	3330.02710	3626.11548
3702.0	0.0002687	3328.36523	3620.69507
3753.0	0.0002687	3326.70654	3615.19141
3727.0	0.0002687	3325.04736	3609.63647
3681.0	0.0002687	3323.39355	3604.03906
3592.0	0.0002778	3321.73706	3598.42651
3480.0	0.0002873	3320.08447	3592.82959
3463.0	0.0002873	3318.43188	3587.25684
3540.0	0.0002873	3316.78296	3581.74023
3651.0	0.0002778	3315.13452	3576.27686

3736.0	0.0002687	3313.49170	3570.89917
3665.0	0.0002687	3311.84766	3565.60034
3422.0	0.0002973	3310.20605	3560.40088
3357.0	0.0002973	3308.56909	3555.31470
3481.0	0.0002873	3306.93262	3550.34204
3573.0	0.0002778	3305.30298	3545.50391
3601.0	0.0002778	3303.67236	3540.79272
3584.0	0.0002778	3302.04688	3536.26074
3548.0	0.0002778	3300.42285	3531.84863
3518.0	0.0002873	3298.80566	3527.60645
3530.0	0.0002873	3297.18823	3523.52319
3615.0	0.0002778	3295.57446	3519.61865
3695.0	0.0002687	3293.96606	3515.90381
3689.0	0.0002687	3292.35986	3512.37744
3584.0	0.0002778	3290.76123	3509.05762
3474.0	0.0002873	3289.16309	3505.94141
3469.0	0.0002873	3287.57080	3503.04297
3589.0	0.0002778	3285.98096	3500.36255
3623.0	0.0002778	3284.39941	3497.91260
3446.0	0.0002873	3282.81860	3495.69482
3390.0	0.0002973	3281.24243	3493.71582
3503.0	0.0002873	3279.67310	3491.98657
3632.0	0.0002778	3278.10669	3490.50415
3705.0	0.0002687	3276.54712	3489.28101
3657.0	0.0002778	3274.99268	3488.32080
3503.0	0.0002873	3273.44360	3487.63037
3549.0	0.0002778	3271.89795	3487.21167
3699.0	0.0002687	3270.35986	3487.07397
3535.0	0.0002873	3268.82715	3487.22485
3393.0	0.0002973	3267.29834	3487.67188
3507.0	0.0002873	3265.77734	3488.42114
3665.0	0.0002687	3264.26025	3489.48828
3584.0	0.0002778	3262.75122	3490.87402
3329.0	0.0002973	3261.24658	3492.60278
3457.0	0.0002873	3259.75171	3494.68018
3694.0	0.0002687	3258.25977	3497.12622
3675.0	0.0002687	3256.77612	3499.94751
3672.0	0.0002687	3255.29712	3503.16846
3742.0	0.0002687	3253.82837	3506.80029
3783.0	0.0002601	3252.36304	3510.86255
3749.0	0.0002687	3250.90479	3515.36670
3698.0	0.0002687	3249.45508	3520.31738
3701.0	0.0002687	3248.01099	3525.73975
3638.0	0.0002778	3246.57739	3531.62402
3549.0	0.0002778	3245.14771	3537.98853
3590.0	0.0002778	3243.72729	3544.81152
3609.0	0.0002778	3242.31274	3552.10205
3581.0	0.0002778	3240.90747	3559.82349
3668.0	0.0002687	3239.51001	3567.96484
3722.0	0.0002687	3238.11865	3576.49829
3642.0	0.0002778	3236.73706	3585.34204
3551.0	0.0002778	3235.36182	3594.47583
3559.0	0.0002778	3233.99609	3603.79541
3657.0	0.0002778	3232.63867	3613.24561

3667.0	0.0002687	3231.28979	3622.69482
3619.0	0.0002778	3229.94751	3632.04810
3607.0	0.0002778	3228.61523	3641.14844
3604.0	0.0002778	3227.29175	3649.85986
3672.0	0.0002687	3225.97363	3658.02612
3855.0	0.0002601	3224.66919	3665.43530
3939.0	0.0002520	3223.37036	3671.92993
3846.0	0.0002601	3222.08203	3677.30884
3677.0	0.0002687	3220.80103	3681.42065
3609.0	0.0002778	3219.53247	3684.06519
3674.0	0.0002687	3218.26978	3685.12427
3745.0	0.0002687	3217.01782	3684.49121
3716.0	0.0002687	3215.77368	3682.10278
3655.0	0.0002778	3214.54199	3677.95508
3768.0	0.0002687	3213.31689	3672.05981
3789.0	0.0002601	3212.10132	3664.49829
3583.0	0.0002778	3210.89673	3655.39697
3499.0	0.0002873	3209.70044	3644.87280
3632.0	0.0002778	3208.51660	3633.12402
3596.0	0.0002778	3207.34009	3620.29565
3457.0	0.0002873	3206.17432	3606.60645
3484.0	0.0002873	3205.01758	3592.20215
3559.0	0.0002778	3203.87207	3577.30249
3660.0	0.0002687	3202.73657	3562.04126
3590.0	0.0002778	3201.60986	3546.55884
3497.0	0.0002873	3200.49463	3531.04785
3335.0	0.0002973	3199.38843	3515.58423
3362.0	0.0002973	3198.29370	3500.30444
3447.0	0.0002873	3197.20825	3485.26660
3405.0	0.0002973	3196.13550	3470.59351
3398.0	0.0002973	3195.07080	3456.31030
3415.0	0.0002973	3194.01782	3442.51343
3333.0	0.0002973	3192.97534	3429.22095
3286.0	0.0003078	3191.94092	3416.45459
3410.0	0.0002973	3190.92090	3404.29321
3377.0	0.0002973	3189.90894	3392.70654
3418.0	0.0002973	3188.90918	3381.74121
3369.0	0.0002973	3187.91870	3371.37305
3396.0	0.0002973	3186.94141	3361.62988
3446.0	0.0002873	3185.97241	3352.47144
3176.0	0.0003189	3185.01563	3343.92188
3458.0	0.0002873	3184.06836	3335.93872
3329.0	0.0002973	3183.13428	3328.53149
3397.0	0.0002973	3182.20898	3321.65308
3324.0	0.0002973	3181.29468	3315.29736
3329.0	0.0002973	3180.39233	3309.44604
3376.0	0.0002973	3179.49976	3304.06006
3346.0	0.0002973	3178.62036	3299.13062
3258.0	0.0003078	3177.75000	3294.61597
3343.0	0.0002973	3176.89160	3290.50342
3235.0	0.0003078	3176.04297	3286.75806
3289.0	0.0003078	3175.20679	3283.36670
3366.0	0.0002973	3174.38037	3280.29565
3336.0	0.0002973	3173.56592	3277.52954

3112.0	0.0003189	3172.76270	3275.04712
3171.0	0.0003189	3171.96948	3272.82373
3532.0	0.0002873	3171.18848	3270.84595
3111.0	0.0003189	3170.41748	3269.09106
3328.0	0.0002973	3169.65894	3267.54810
3259.0	0.0003078	3168.91016	3266.19629
3387.0	0.0002973	3168.17310	3265.02759
3285.0	0.0003078	3167.44678	3264.01978
3256.0	0.0003078	3166.72998	3263.16626
3322.0	0.0002973	3166.02661	3262.45825
3321.0	0.0002973	3165.33276	3261.87964
3277.0	0.0003078	3164.65039	3261.42114
3420.0	0.0002973	3163.97827	3261.09717
3367.0	0.0002973	3163.31860	3260.84766
3178.0	0.0003189	3162.66821	3260.68726
3363.0	0.0002973	3162.02930	3260.64307
3425.0	0.0002873	3161.40063	3260.63062
3339.0	0.0002973	3160.78394	3260.67529
3242.0	0.0003078	3160.17676	3260.76831
3042.0	0.0003306	3159.58008	3260.89331
3240.0	0.0003078	3158.99487	3261.04370
3381.0	0.0002973	3158.41968	3261.20313
3177.0	0.0003189	3157.85547	3261.35864
3227.0	0.0003078	3157.30176	3261.49854
3354.0	0.0002973	3156.75879	3261.60742
3236.0	0.0003078	3156.22534	3261.67334
3210.0	0.0003078	3155.70288	3261.68213
3225.0	0.0003078	3155.19019	3261.62378
3336.0	0.0002973	3154.68823	3261.48853
3096.0	0.0003189	3154.19653	3261.26758
3339.0	0.0002973	3153.71436	3260.95068
3226.0	0.0003078	3153.24268	3260.53394
3272.0	0.0003078	3152.78052	3260.01807
3098.0	0.0003189	3152.32935	3259.40015
3585.0	0.0002778	3151.88696	3258.68188
3267.0	0.0003078	3151.45459	3257.87158
3258.0	0.0003078	3151.03223	3256.97388
3208.0	0.0003078	3150.61816	3255.99414
3259.0	0.0003078	3150.21533	3254.94775
3167.0	0.0003189	3149.82080	3253.84253
2988.0	0.0003306	3149.43604	3252.69238
3339.0	0.0002973	3149.06030	3251.50488
3301.0	0.0003078	3148.69458	3250.29443
3113.0	0.0003189	3148.33691	3249.07129
3254.0	0.0003078	3147.98853	3247.84717
3283.0	0.0003078	3147.64917	3246.63452
3157.0	0.0003189	3147.31763	3245.43506
3105.0	0.0003189	3146.99609	3244.26636
3325.0	0.0002973	3146.68213	3243.13159
3200.0	0.0003078	3146.37720	3242.03760
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3192.0	0.0003189	3145.79175	3239.99536
3289.0	0.0003078	3145.51123	3239.05713
3154.0	0.0003189	3145.23877	3238.17944

3180.0	0.0003189	3144.97388	3237.36255
3283.0	0.0003078	3144.71729	3236.61646
3133.0	0.0003189	3144.46777	3235.93384
3122.0	0.0003189	3144.22583	3235.32397
3278.0	0.0003078	3143.99170	3234.78809
3217.0	0.0003078	3143.76440	3234.32446
3283.0	0.0003078	3143.54443	3233.93286
3164.0	0.0003189	3143.33105	3233.61572
3288.0	0.0003078	3143.12524	3233.37476
3234.0	0.0003078	3142.92529	3233.20947
3283.0	0.0003078	3142.73242	3233.11890
3146.0	0.0003189	3142.54590	3233.13574
3177.0	0.0003189	3142.36523	3233.20044
3037.0	0.0003306	3142.19116	3233.34082
3234.0	0.0003078	3142.02271	3233.56104
3217.0	0.0003078	3141.86035	3233.86084
3141.0	0.0003189	3141.70337	3234.23975
3160.0	0.0003189	3141.55225	3234.70142
3217.0	0.0003078	3141.40625	3235.24780
3309.0	0.0002973	3141.26538	3235.88159
3265.0	0.0003078	3141.12964	3236.60474
3296.0	0.0003078	3140.99854	3237.42456
3107.0	0.0003189	3140.87231	3238.34375
3404.0	0.0002973	3140.75049	3239.37207
3207.0	0.0003078	3140.63330	3240.51270
3258.0	0.0003078	3140.52002	3241.77930
3168.0	0.0003189	3140.41089	3243.17529
3009.0	0.0003306	3140.30542	3244.72314
3031.0	0.0003306	3140.20361	3246.42578
3334.0	0.0002973	3140.10547	3248.30981
3235.0	0.0003078	3140.01050	3250.38330
3347.0	0.0002973	3139.91846	3252.67383
3170.0	0.0003189	3139.82959	3255.19800
3266.0	0.0003078	3139.74341	3257.97559
3334.0	0.0002973	3139.65967	3261.03857
3264.0	0.0003078	3139.57861	3264.40356
3220.0	0.0003078	3139.49927	3268.10938
3294.0	0.0003078	3139.42236	3272.16772
3227.0	0.0003078	3139.34692	3276.62085
3075.0	0.0003306	3139.27319	3281.48389
3213.0	0.0003078	3139.20068	3286.79346
3162.0	0.0003189	3139.12939	3292.56738
3261.0	0.0003078	3139.05933	3298.81909
3164.0	0.0003189	3138.98999	3305.58154
3285.0	0.0003078	3138.92114	3312.84619
3212.0	0.0003078	3138.85278	3320.64771
3392.0	0.0002973	3138.78442	3328.96045
3398.0	0.0002973	3138.71606	3337.80127
3187.0	0.0003189	3138.64771	3347.13623
3292.0	0.0003078	3138.57861	3356.95801
3350.0	0.0002973	3138.50903	3367.24561
3168.0	0.0003189	3138.43848	3377.91748
3241.0	0.0003078	3138.36719	3388.95801
3537.0	0.0002873	3138.29443	3400.27124

3404.0	0.0002973	3138.21997	3411.81592
3412.0	0.0002973	3138.14380	3423.46729
3386.0	0.0002973	3138.06592	3435.15479
3370.0	0.0002973	3137.98584	3446.72949
3348.0	0.0002973	3137.90332	3458.09473
3477.0	0.0002873	3137.81836	3469.07568
3311.0	0.0002973	3137.73047	3479.54712
3495.0	0.0002873	3137.63940	3489.32349
3403.0	0.0002973	3137.54541	3498.22119
3341.0	0.0002973	3137.44775	3506.09106
3454.0	0.0002873	3137.34644	3512.74146
3535.0	0.0002873	3137.24121	3518.03271
3304.0	0.0003078	3137.13232	3521.82007
3317.0	0.0002973	3137.01855	3524.01270
3487.0	0.0002873	3136.90039	3524.54614
3356.0	0.0002973	3136.77734	3523.40967
3474.0	0.0002873	3136.64917	3520.63354
3308.0	0.0002973	3136.51611	3516.30396
3260.0	0.0003078	3136.37744	3510.52368
3290.0	0.0003078	3136.23291	3503.45728
3249.0	0.0003078	3136.08252	3495.25171
3243.0	0.0003078	3135.92627	3486.10742
3252.0	0.0003078	3135.76367	3476.18262
3336.0	0.0002973	3135.59424	3465.67749
3399.0	0.0002973	3135.41846	3454.73999
3380.0	0.0002973	3135.23486	3443.51611
3324.0	0.0002973	3135.04443	3432.19385
3172.0	0.0003189	3134.84692	3420.85938
3066.0	0.0003306	3134.64136	3409.66016
3404.0	0.0002973	3134.42773	3398.66406
3283.0	0.0003078	3134.20630	3387.98804
3225.0	0.0003078	3133.97632	3377.67725
3213.0	0.0003078	3133.73804	3367.82153
3214.0	0.0003078	3133.49072	3358.44214
2955.0	0.0003429	3133.23462	3349.60498
3301.0	0.0003078	3132.96899	3341.31323
3246.0	0.0003078	3132.69385	3333.59570
3161.0	0.0003189	3132.40991	3326.47681
3249.0	0.0003078	3132.11548	3319.93604
3226.0	0.0003078	3131.81104	3313.98657
3020.0	0.0003306	3131.49634	3308.60229
3216.0	0.0003078	3131.17163	3303.78247
3152.0	0.0003189	3130.83545	3299.49097
3126.0	0.0003189	3130.48901	3295.72144
3213.0	0.0003078	3130.13110	3292.43311
3019.0	0.0003306	3129.76172	3289.60571
3285.0	0.0003078	3129.38159	3287.21655
3039.0	0.0003306	3128.98901	3285.22412
3193.0	0.0003078	3128.58521	3283.60962
3080.0	0.0003306	3128.16846	3282.33521
2967.0	0.0003429	3127.74023	3281.38086
3254.0	0.0003078	3127.29932	3280.71826
3197.0	0.0003078	3126.84570	3280.32007
3200.0	0.0003078	3126.37939	3280.16260

3008.0	0.0003306	3125.89893	3280.22388
3038.0	0.0003306	3125.40649	3280.48096
3229.0	0.0003078	3124.89990	3280.91382
3149.0	0.0003189	3124.38086	3281.50488
3194.0	0.0003078	3123.84692	3282.23438
3146.0	0.0003189	3123.29980	3283.08765
3330.0	0.0002973	3122.73779	3284.04370
3144.0	0.0003189	3122.16284	3285.09302
3250.0	0.0003078	3121.57227	3286.21777
3032.0	0.0003306	3120.96704	3287.40869
3016.0	0.0003306	3120.34766	3288.64502
3224.0	0.0003078	3119.71289	3289.91968
3150.0	0.0003189	3119.06421	3291.21851
3415.0	0.0002973	3118.39917	3292.53223
3007.0	0.0003306	3117.71924	3293.84619
3149.0	0.0003189	3117.02344	3295.15479
3163.0	0.0003189	3116.31323	3296.44531
3160.0	0.0003189	3115.58594	3297.71240
3241.0	0.0003078	3114.84351	3298.94312
3080.0	0.0003306	3114.08398	3300.13403
3160.0	0.0003189	3113.30859	3301.28027
3134.0	0.0003189	3112.51855	3302.36865
3024.0	0.0003306	3111.71045	3303.39771
3247.0	0.0003078	3110.88672	3304.36011
3013.0	0.0003306	3110.04541	3305.25391
3020.0	0.0003306	3109.18848	3306.07104
3276.0	0.0003078	3108.31372	3306.81372
3254.0	0.0003078	3107.42407	3307.47168
3067.0	0.0003306	3106.51636	3308.04590
3364.0	0.0002973	3105.58984	3308.53516
3208.0	0.0003078	3104.64771	3308.93506
3084.0	0.0003189	3103.68774	3309.24707
3248.0	0.0003078	3102.71265	3309.47266
3142.0	0.0003189	3101.71777	3309.60962
3063.0	0.0003306	3100.70679	3309.66772
3189.0	0.0003189	3099.67700	3309.65063
3109.0	0.0003189	3098.63232	3309.56543
3255.0	0.0003078	3097.56763	3309.41992
3087.0	0.0003189	3096.48511	3309.22998
3088.0	0.0003189	3095.38623	3309.00293
3211.0	0.0003078	3094.26831	3308.74805
3182.0	0.0003189	3093.13574	3308.48706
3067.0	0.0003306	3091.98242	3308.22290
3170.0	0.0003189	3090.81274	3307.97290
3202.0	0.0003078	3089.62402	3307.73975
3255.0	0.0003078	3088.42065	3307.53418
3153.0	0.0003189	3087.19629	3307.35889
3268.0	0.0003078	3085.95581	3307.21533
3042.0	0.0003306	3084.69629	3307.10645
2962.0	0.0003429	3083.41895	3307.02539
3087.0	0.0003189	3082.12549	3306.97290
3297.0	0.0003078	3080.81445	3306.94238
3138.0	0.0003189	3079.48560	3306.92358
3193.0	0.0003078	3078.13794	3306.91162

3139.0	0.0003189	3076.77441	3306.89380
3009.0	0.0003306	3075.39160	3306.86572
2972.0	0.0003306	3073.99487	3306.81592
3071.0	0.0003306	3072.57764	3306.73730
3084.0	0.0003189	3071.14331	3306.61816
3043.0	0.0003306	3069.69336	3306.45679
3262.0	0.0003078	3068.22485	3306.24707
3236.0	0.0003078	3066.74292	3305.98755
3196.0	0.0003078	3065.24048	3305.68848
3260.0	0.0003078	3063.72339	3305.32666
3227.0	0.0003078	3062.18774	3304.91553
3169.0	0.0003189	3060.63965	3304.46582
2936.0	0.0003429	3059.07129	3303.97632
3265.0	0.0003078	3057.48682	3303.45923
3171.0	0.0003189	3055.88843	3302.92310
3104.0	0.0003189	3054.27222	3302.37476
3134.0	0.0003189	3052.64404	3301.82471
3044.0	0.0003306	3050.99683	3301.27930
3049.0	0.0003306	3049.33618	3300.81714
3242.0	0.0003078	3047.65845	3300.30322
3058.0	0.0003306	3045.96777	3299.81714
3146.0	0.0003189	3044.26221	3299.36206
2945.0	0.0003429	3042.54224	3298.94043
3215.0	0.0003078	3040.80615	3298.55688
3071.0	0.0003306	3039.05591	3298.21143
3098.0	0.0003189	3037.29419	3297.90430
3002.0	0.0003306	3035.51855	3297.63794
3153.0	0.0003189	3033.72974	3297.40991
3024.0	0.0003306	3031.92578	3297.21704
3095.0	0.0003189	3030.11108	3297.06006
3062.0	0.0003306	3028.28198	3296.93359
3234.0	0.0003078	3026.44482	3296.83936
3133.0	0.0003189	3024.59131	3296.77100
3178.0	0.0003189	3022.72632	3296.72461
3040.0	0.0003306	3020.85229	3296.69702
3086.0	0.0003189	3018.96509	3296.68457
3062.0	0.0003306	3017.07153	3296.68579
3096.0	0.0003189	3015.16309	3296.68945
3063.0	0.0003306	3013.24731	3296.68799
3113.0	0.0003189	3011.31909	3296.69507
3204.0	0.0003078	3009.38647	3296.66187
3012.0	0.0003306	3007.44043	3296.59595
3112.0	0.0003189	3005.48560	3296.48584
3106.0	0.0003189	3003.52515	3296.31006
3093.0	0.0003189	3001.55444	3296.05859
3197.0	0.0003078	2999.58105	3295.70874
3163.0	0.0003189	2997.59595	3295.23511
3177.0	0.0003189	2995.60693	3294.62134
3167.0	0.0003189	2993.60913	3293.83447
3172.0	0.0003189	2991.60791	3292.85547
3057.0	0.0003306	2989.60181	3291.65918
2855.0	0.000356	2987.59058	3290.21509
3156.0	0.0003189	2985.57275	3288.50073
3145.0	0.0003189	2983.55103	3286.49780

3186.0	0.0003189	2981.52808	3284.19141
3140.0	0.0003189	2979.50000	3281.56714
3211.0	0.0003078	2977.47437	3278.62427
2997.0	0.0003306	2975.44165	3274.85059
3155.0	0.0003189	2973.40991	3271.26245
2980.0	0.0003306	2971.37476	3267.36279
3095.0	0.0003189	2969.34399	3263.26270
3129.0	0.0003189	2967.30859	3258.80786
3107.0	0.0003189	2965.27368	3254.11401
2998.0	0.0003306	2963.24219	3249.21533
2967.0	0.0003429	2961.20996	3244.13159
3141.0	0.0003189	2959.18506	3238.91748
3160.0	0.0003189	2957.15771	3233.57935
2948.0	0.0003429	2955.13623	3228.17407
3061.0	0.0003306	2953.11621	3222.75977
3034.0	0.0003306	2951.10571	3217.29736
3097.0	0.0003189	2949.09521	3211.83936
3116.0	0.0003189	2947.09033	3206.42017
3134.0	0.0003189	2945.09399	3201.07373
3182.0	0.0003189	2943.10229	3195.80786
3148.0	0.0003189	2941.12256	3190.65479
3124.0	0.0003189	2939.14624	3185.61792
2993.0	0.0003306	2937.18091	3180.72827
3024.0	0.0003306	2935.22241	3175.98657
3152.0	0.0003189	2933.27637	3171.41577
3033.0	0.0003306	2931.34058	3167.02222
3115.0	0.0003189	2929.41382	3162.82617
2939.0	0.0003429	2927.50073	3158.81738
3002.0	0.0003306	2925.59814	3155.00049
2970.0	0.0003429	2923.71094	3151.40942
3064.0	0.0003306	2921.83496	3148.03247
3056.0	0.0003306	2919.97778	3144.88159
3092.0	0.0003189	2918.13135	3141.95459
3026.0	0.0003306	2916.30249	3139.25903
3126.0	0.0003189	2914.48828	3136.79663
2935.0	0.0003429	2912.69482	3134.57422
3107.0	0.0003189	2910.91504	3132.58203
3009.0	0.0003306	2909.15332	3130.82910
3099.0	0.0003189	2907.41284	3129.31445
3128.0	0.0003189	2905.69019	3128.02856
3009.0	0.0003306	2903.99146	3126.97949
3009.0	0.0003306	2902.30981	3126.14868
2994.0	0.0003306	2900.65186	3125.53735
3115.0	0.0003189	2899.01416	3125.13208
3127.0	0.0003189	2897.40332	3124.93042
2984.0	0.0003306	2895.81226	3124.90674
3030.0	0.0003306	2894.24561	3125.05811
3181.0	0.0003189	2892.70581	3125.36279
3334.0	0.0002973	2891.18970	3125.80151
3114.0	0.0003189	2889.70166	3126.35205
3017.0	0.0003306	2888.24048	3127.00293
3132.0	0.0003189	2886.80688	3127.71997
3257.0	0.0003078	2885.39990	3128.48901
3096.0	0.0003189	2884.02344	3129.27954

2978.0	0.0003306	2882.67627	3130.06909
3100.0	0.0003189	2881.35767	3130.84033
3173.0	0.0003189	2880.07153	3131.55957
3172.0	0.0003189	2878.81519	3132.20972
3158.0	0.0003189	2877.59229	3132.76025
3103.0	0.0003189	2876.40063	3133.19458
3023.0	0.0003306	2875.24487	3133.48389
2950.0	0.0003429	2874.12012	3133.60181
2884.0	0.0003429	2873.03101	3133.52124
2886.0	0.0003429	2871.97534	3133.21509
3004.0	0.0003306	2870.95776	3132.65845
3118.0	0.0003189	2869.97388	3131.82007
3127.0	0.0003189	2869.02637	3130.67871
3025.0	0.0003306	2868.11719	3129.21411
2969.0	0.0003429	2867.24463	3127.40869
2983.0	0.0003306	2866.41187	3125.26294
2946.0	0.0003429	2865.61572	3122.77661
2942.0	0.0003429	2864.85962	3119.96924
2976.0	0.0003306	2864.14209	3116.86084
2905.0	0.0003429	2863.46533	3113.50000
2859.0	0.000356	2862.82886	3109.91504
2929.0	0.0003429	2862.23242	3106.16724
2956.0	0.0003429	2861.67773	3102.31445
2916.0	0.0003429	2861.16382	3098.40259
2874.0	0.0003429	2860.69214	3094.49487
2916.0	0.0003429	2860.26270	3090.63477
2951.0	0.0003429	2859.87573	3086.88257
2862.0	0.000356	2859.53101	3083.27319
2764.0	0.000356	2859.22949	3079.85938
2774.0	0.000356	2858.97119	3076.67114
2914.0	0.0003429	2858.75562	3073.74048
2975.0	0.0003306	2858.58423	3071.10767
2917.0	0.0003429	2858.45630	3068.78589
2867.0	0.0003429	2858.37207	3066.80713
2801.0	0.000356	2858.33179	3065.18018
2734.0	0.000370	2858.33569	3063.92725
2756.0	0.000370	2858.38330	3063.05151
2806.0	0.000356	2858.47461	3062.56396
2830.0	0.000356	2858.61011	3062.46997
2856.0	0.000356	2858.78931	3062.77002
2881.0	0.0003429	2859.01221	3063.46240
2914.0	0.0003429	2859.27905	3064.54126
3009.0	0.0003306	2859.58862	3066.00049
3066.0	0.0003306	2859.94189	3067.83325
2994.0	0.0003306	2860.33716	3070.02710
2932.0	0.0003429	2860.77588	3072.57324
2925.0	0.0003429	2861.25610	3075.45117
2941.0	0.0003429	2861.77905	3078.64941
2983.0	0.0003306	2862.34253	3082.14819
3022.0	0.0003306	2862.94702	3085.93408
3015.0	0.0003306	2863.59229	3089.98511
3018.0	0.0003306	2864.27637	3094.27539
3037.0	0.0003306	2865.00073	3098.79395
3015.0	0.0003306	2865.76245	3103.50488

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2894.0	0.0003429	2867.39771	3113.44165
2955.0	0.0003429	2868.27075	3118.61792
3016.0	0.0003306	2869.17773	3123.88770
3006.0	0.0003306	2870.11865	3129.23901
3050.0	0.0003306	2871.09497	3134.64771
3105.0	0.0003189	2872.09937	3140.06201
3070.0	0.0003306	2873.13721	3145.47876
2952.0	0.0003429	2874.20313	3150.85083
2922.0	0.0003429	2875.29834	3156.16357
3073.0	0.0003306	2876.41772	3161.37378
3037.0	0.0003306	2877.56494	3166.46753
2876.0	0.0003429	2878.73486	3171.40356
2911.0	0.0003429	2879.92798	3176.16553
2993.0	0.0003306	2881.13867	3180.71802
2991.0	0.0003306	2882.37109	3185.05444
2933.0	0.0003429	2883.62036	3189.14819
2990.0	0.0003306	2884.88281	3192.97827
3115.0	0.0003189	2886.15991	3196.55103
3030.0	0.0003306	2887.44458	3199.85107
2904.0	0.0003429	2888.74072	3202.89209
2921.0	0.0003429	2890.04175	3205.67627
3022.0	0.0003306	2891.34814	3208.22607
3134.0	0.0003189	2892.65454	3210.55518
3161.0	0.0003189	2893.96094	3212.69312
2985.0	0.0003306	2895.26221	3214.66919
2844.0	0.000356	2896.55664	3216.51074
2964.0	0.0003429	2897.84302	3218.25708
3075.0	0.0003306	2899.11548	3219.93359
3027.0	0.0003306	2900.37378	3221.57764
2870.0	0.0003429	2901.61011	3223.21216
2827.0	0.000356	2902.82690	3224.86914
2892.0	0.0003429	2904.01685	3226.57153
2913.0	0.0003429	2905.17725	3228.33887
3039.0	0.0003306	2906.30762	3230.19727
3208.0	0.0003078	2907.39697	3232.14966
3135.0	0.0003189	2908.44824	3234.22046
3027.0	0.0003306	2909.45337	3236.41797
3014.0	0.0003306	2910.41064	3238.75317
2933.0	0.0003429	2911.31201	3241.22778
2805.0	0.000356	2912.15747	3243.85596
2768.0	0.000356	2912.93945	3246.63843
2948.0	0.0003429	2913.65405	3249.58179
3086.0	0.0003189	2914.29761	3252.69263
2990.0	0.0003306	2914.86157	3255.96362
3022.0	0.0003306	2915.34424	3259.40796
3084.0	0.0003189	2915.73828	3263.01611
2953.0	0.0003429	2916.03857	3266.80078
2973.0	0.0003306	2916.23926	3270.74976
3087.0	0.0003189	2916.33472	3274.87354
2994.0	0.0003306	2916.31885	3279.16211
2955.0	0.0003429	2916.18506	3283.62109
3106.0	0.0003189	2915.92725	3288.23755
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2005.0	.	.	.
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1986.0	.	.	.
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1989.0	.	.	.
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1958.0	.	.	.
1967.0	.	.	.
2004.0	.	.	.
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2051.0	.	.	.

2015.0	.	.	.
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2015.0	.	.	.
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1953.0	.	.	.
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1905.0	.	.	.
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1975.0	.	.	.
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1920.0	.	.	.
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1965.0	.	.	.

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1901.0	.	.	.
1901.0	.	.	.
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1752.0	.	.	.
1802.0	.	.	.
1943.0	.	.	.
1904.0	.	.	.
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1786.0	.	.	.
2101.0	.	.	.
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1812.0	.	.	.
1965.0	.	.	.
1892.0	.	.	.
1978.0	.	.	.
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1925.0	.	.	.
1930.0	.	.	.
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2058.0	.	.	.

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1938.0	.	.	.
2000.0	.	.	.
1986.0	.	.	.
1943.0	.	.	.
1949.0	.	.	.
1972.0	.	.	.
1999.0	.	.	.
2011.0	.	.	.
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2013.0	.	.	.
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1937.0	.	.	.
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1918.0	.	.	.
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2204.0	.	.	.
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1937.0	.	.	.
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1981.0	.	.	.
1998.0	.	.	.
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1995.0	.	.	.
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1918.0	.	.	.
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1909.0	.	.	.
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2080.0	.	.	.
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1901.0	.	.	.

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1911.0	.	.	.
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1983.0	.	.	.
1954.0	.	.	.
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1976.0	.	.	.
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1956.0	.	.	.
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1996.0	.	.	.
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1916.0	.	.	.
2014.0	.	.	.
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1975.0	.	.	.
2001.0	.	.	.
1947.0	.	.	.
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1987.0	.	.	.
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2023.0	.	.	.
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1904.0	.	.	.
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1955.0	.	.	.
2020.0	.	.	.
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2006.0	.	.	.
1974.0	.	.	.
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1964.0	.	.	.
1945.0	.	.	.
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2056.0	.	.	.
2002.0	.	.	.
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2015.0	.	.	.
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1974.0	.	.	.
1977.0	.	.	.
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1964.0	.	.	.
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1913.0	.	.	.
2024.0	.	.	.
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1911.0	.	.	.
2091.0	.	.	.
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2007.0	.	.	.
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1907.0	.	.	.
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2009.0	.	.	.
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1933.0	.	.	.
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1997.0	.	.	.
1880.0	.	.	.
1903.0	.	.	.
1913.0	.	.	.
1990.0	.	.	.
1893.0	.	.	.
2049.0	.	.	.
1946.0	.	.	.
1792.0	.	.	.
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2013.0	.	.	.
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1946.0	.	.	.
2026.0	.	.	.
1973.0	.	.	.
1912.0	.	.	.
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1909.0	.	.	.
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2017.0	.	.	.

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1975.0	.	.	.
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2019.0	.	.	.
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2055.0	.	.	.
1972.0	.	.	.
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1976.0	.	.	.
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1975.0	.	.	.
2020.0	.	.	.
2069.0	.	.	.
1978.0	.	.	.
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1947.0	.	.	.
2016.0	.	.	.
2016.0	.	.	.
2027.0	.	.	.
2023.0	.	.	.
1994.0	.	.	.
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2078.0	.	.	.
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1954.0	.	.	.
1967.0	.	.	.
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1967.0	.	.	.
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1984.0	.	.	.
2018.0	.	.	.
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1967.0	.	.	.
1983.0	.	.	.
2020.0	.	.	.
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1988.0	.	.	.
1981.0	.	.	.
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1989.0	.	.	.
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1953.0	.	.	.
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1953.0	.	.	.
1996.0	.	.	.
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1920.0	.	.	.
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2049.0	.	.	.
2026.0	.	.	.
2090.0	.	.	.
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2045.0	.	.	.
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1955.0	.	.	.
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2014.0	.	.	.
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1988.0	.	.	.
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2002.0	.	.	.
2001.0	.	.	.
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2090.0	.	.	.
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2011.0	.	.	.
2013.0	.	.	.

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1968.0	.	.	.
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1907.0	.	.	.
2074.0	.	.	.

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2005.0	.	.	.
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2017.0	.	.	.
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2015.0	.	.	.
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2016.0	.	.	.
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2012.0	.	.	.
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2082.0	.	.	.
2017.0	.	.	.
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2020.0	.	.	.
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2020.0	.	.	.
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1987.0	.	.	.
1915.0	.	.	.
2002.0	.	.	.
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2018.0	.	.	.
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2012.0	.	.	.

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1970.0	.	.	.
2006.0	.	.	.
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2014.0	.	.	.
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2007.0	.	.	.
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1968.0	.	.	.
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2029.0	.	.	.
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2038.0	.	.	.
2018.0	.	.	.
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2236.0	.	.	.
2137.0	.	.	.
1976.0	.	.	.
2005.0	.	.	.
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2074.0	.	.	.
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1988.0	.	.	.
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2015.0	.	.	.
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2018.0	.	.	.
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2017.0	.	.	.
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2015.0	.	.	.
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2018.0	.	.	.
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2225.0	.	.	.
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2312.0	.	.	.
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1866.0	.	.	.
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2064.0	.	.	.
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1907.0	.	.	.
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1963.0	.	.	.
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2061.0	.	.	.
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2093.0	.	.	.
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1986.0	.	.	.
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1988.0	.	.	.
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2035.0	.	.	.
2011.0	.	.	.
2013.0	.	.	.
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2019.0	.	.	.
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1965.0	.	.	.
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1992.0	.	.	.
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2100.0	.	.	.
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2001.0	.	.	.
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1991.0	.	.	.

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2018.0	.	.	.
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2010.0	.	.	.
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2010.0	.	.	.
2000.0	.	.	.
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2018.0	.	.	.
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1957.0	.	.	.
2004.0	.	.	.
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1973.0	.	.	.
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2073.0	.	.	.
1984.0	.	.	.
1985.0	.	.	.
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2055.0	.	.	.
1967.0	.	.	.
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2010.0	.	.	.
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1967.0	.	.	.
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1965.0	.	.	.
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2173.0	.	.	.
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1914.0	.	.	.
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1990.0	.	.	.
1967.0	.	.	.
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2004.0	.	.	.
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1977.0	.	.	.
1976.0	.	.	.
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2053.0	.	.	.
1970.0	.	.	.
1992.0	.	.	.
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2000.0	.	.	.
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2023.0	.	.	.
2000.0	.	.	.
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2047.0	.	.	.
2022.0	.	.	.
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2075.0	.	.	.
1994.0	.	.	.
1968.0	.	.	.
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2089.0	.	.	.
2068.0	.	.	.
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2092.0	.	.	.
2088.0	.	.	.
2017.0	.	.	.
2006.0	.	.	.
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2004.0	.	.	.
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2029.0	.	.	.
1926.0	.	.	.
1964.0	.	.	.
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2074.0	.	.	.
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2047.0	.	.	.
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2085.0	.	.	.
2201.0	.	.	.

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1985.0	.	.	.
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1914.0	.	.	.
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2085.0	.	.	.
2027.0	.	.	.
2057.0	.	.	.
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2050.0	.	.	.
2012.0	.	.	.
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1968.0	.	.	.
1999.0	.	.	.
2091.0	.	.	.
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2003.0	.	.	.
1997.0	.	.	.
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3 11 1 o 10455.983 9200.022 170.45 1.57918 2.15
8 8 0 o 5061.750 4514.867 0.00 1.59737 0.52
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2 12 0 o 28.275 27.685 0.00 1.53029 0.00
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10 2 2 o 5672.967 5761.276 -88.47 1.52186 1.14
6 10 0 o 2251.914 2095.289 0.00 1.57239 0.23
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7 3 3 o 17848.291 15409.431 79.99 1.58161 4.26
3 7 3 o 18535.422 18026.699 -2.79 1.61200 4.63
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8 6 2 o 10486.666 10567.408 -39.79 1.56781 2.24
12 2 0 o 643.585 556.273 -180.00 1.44447 0.05
7 9 1 o 15994.677 13598.163 -115.28 1.55058 3.17
9 7 1 o 17151.236 17013.693 -166.62 1.52879 3.31
2 2 4 o 456.865 457.501 -60.48 1.56902 0.12
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4 12 0 o 64552.82 54813.42 0.00 1.46489 5.64
10 4 2 o 16072.064 13672.242 -20.57 1.46447 2.98
9 1 3 o 9691.084 8808.137 61.73 1.44231 1.88
4 0 4 o 366.097 365.789 -90.09 1.51850 0.05
5 11 1 o 2303.302 2802.607 -105.12 1.48582 0.42
5 7 3 o 20143.785 20174.113 -26.51 1.51306 4.35
11 5 1 o 240.041 224.936 159.29 1.43033 0.04
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1 13 1 o 4911.630 4627.354 -83.50 1.39616 0.79
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4 2 4 o 22021.586 21721.313 -44.67 1.49875 5.27
2 4 4 o 12460.499 10775.907 -171.84 1.50635 3.02
13 1 1 o 19193.045 17020.590 -46.17 1.31795 2.76
8 10 0 o 100.258 101.559 180.00 1.42074 0.01
8 8 2 o 59851.54 53817.30 83.86 1.43247 10.60

9	3	3	o	2246.143	2264.133	-138.27	1.40900	0.41
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2	12	2	o	9208.332	7174.815	27.44	1.38349	1.52
4	4	4	o	24734.777	25096.139	-10.44	1.44385	5.38
9	9	1	o	13491.584	10132.603	-49.47	1.38693	2.15
6	10	2	o	20140.078	22399.713	78.96	1.41437	3.47
12	2	2	o	867.885	753.319	25.01	1.31911	0.13
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3	13	1	o	14622.900	7657.412	30.17	1.36209	2.25
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6	2	4	o	11908.545	11090.118	17.55	1.40007	2.40
7	7	3	o	7190.827	7131.956	-159.45	1.39378	1.29
2	6	4	o	10987.627	12662.639	11.24	1.41675	2.28
2	14	0	o	29.193	25.958	180.00	1.31700	0.00
7	11	1	o	14470.951	12636.981	-43.60	1.37240	2.26
13	3	1	o	18449.205	20148.850	37.65	1.29238	2.56
11	7	1	o	1401.116	982.039	-126.88	1.33894	0.21
12	6	0	o	14711.661	12389.926	0.00	1.32305	1.05
9	5	3	o	16749.203	12816.641	70.86	1.34875	2.80
11	1	3	o	878.271	1127.840	37.61	1.27970	0.13
5	9	3	o	889.669	850.045	-16.48	1.37515	0.16
14	2	0	o	3085.206	3317.494	180.00	1.24208	0.20
4	12	2	o	29562.072	23591.479	-99.16	1.33460	4.53
1	11	3	o	1861.920	1421.371	-175.40	1.32937	0.30
12	4	2	o	17335.873	21690.020	-114.25	1.28121	2.44
6	4	4	o	17174.027	10100.873	-0.06	1.35500	3.20
8	0	4	o	2004.629	2106.176	18.36	1.30232	0.17
4	6	4	o	7402.065	3830.421	-157.67	1.36438	1.40
5	13	1	o	10967.280	11768.338	112.50	1.30081	1.54
0	8	4	o	16130.607	12017.616	-42.33	1.32953	1.44
13	5	1	o	7156.833	8360.081	169.90	1.24542	0.92
4	14	0	o	2074.976	3006.266	0.00	1.27462	0.14
10	10	0	o	11862.892	15959.238	-180.00	1.27790	0.79
8	2	4	o	25594.355	27348.898	-16.20	1.28981	4.24
8	10	2	o	1769.878	1870.038	-74.65	1.30096	0.26
3	11	3	o	11995.689	13332.859	-2.78	1.29986	1.85
10	8	2	o	8120.848	9097.773	48.54	1.28641	1.15
11	3	3	o	7595.778	9300.247	51.56	1.25625	1.09
14	4	0	o	5301.232	7034.853	-180.00	1.21029	0.32
2	8	4	o	32122.643	31187.279	178.03	1.31452	5.57
1	15	1	o	40461.86	41071.22	49.60	1.21804	4.99
0	14	2	o	665.763	568.897	148.89	1.23188	0.04
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8	12	0	o	384.020	608.085	-180.00	1.26803	0.03
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7	9	3	o	31699.250	36331.77	-64.13	1.28377	4.76
9	7	3	o	18366.814	28412.791	-31.86	1.27132	2.70
9	11	1	o	8690.019	9883.978	17.78	1.25503	1.14
6	6	4	o	32817.484	35658.36	-7.48	1.28868	5.43
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12	6	2	o	14320.623	13339.745	48.70	1.22471	1.84
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2	14	2	o	2719.622	2648.329	-73.79	1.21991	0.35
8	4	4	o	2406.627	2694.254	7.10	1.25431	0.37
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4	8	4	o	6457.769	10003.875	-1.59	1.27237	1.04
11	5	3	o	2173.937	2423.027	46.09	1.21299	0.29
6	14	0	o	17198.408	19922.688	0.00	1.21225	1.04
5	11	3	o	5865.703	7094.157	-67.80	1.24628	0.83
3	15	1	o	2179.171	2650.051	-28.58	1.19522	0.26
3	1	5	o	6293.693	9465.295	95.47	1.26135	1.11
1	3	5	o	3134.436	3923.556	-22.69	1.26436	0.56
7	13	1	o	9231.666	8417.434	-18.62	1.22266	1.15
13	7	1	o	5754.023	5451.232	105.20	1.18368	0.67
2	16	0	o	284.999	772.823	0.00	1.15543	0.02
14	6	0	o	7192.001	12500.293	0.00	1.16232	0.40
13	1	3	o	36.044	78.381	-94.02	1.14216	0.00
10	2	4	o	6001.639	5359.382	135.87	1.18011	0.81
1	13	3	o	2132.697	2527.872	10.04	1.19194	0.27
3	3	5	o	1751.023	1625.731	-23.10	1.23889	0.30
4	14	2	o	17502.340	17363.637	-62.52	1.18599	2.11
14	4	2	o	8156.037	19303.852	73.29	1.13365	0.90
5	1	5	o	7824.354	8625.503	46.15	1.21223	1.25
8	6	4	o	4617.643	6919.040	16.72	1.20115	0.65
2	10	4	o	1592.129	2040.040	167.55	1.21070	0.23
6	8	4	o	3740.191	5033.556	106.59	1.21031	0.54
10	10	2	o	1553.090	1739.014	-107.02	1.18863	0.19
1	5	5	o	9999.228	9491.079	-123.76	1.22029	1.62
8	12	2	o	930.876	791.077	-71.67	1.18068	0.11
12	8	2	o	1184.076	3615.408	-100.17	1.15685	0.14
9	9	3	o	55.266	54.109	-54.74	1.18618	0.01
5	15	1	o	389.823	1138.980	89.93	1.15317	0.04
10	12	0	o	780.589	1228.993	-180.00	1.16337	0.04
12	10	0	o	2146.063	5768.208	0.00	1.15065	0.12
3	13	3	o	2885.317	3238.860	148.87	1.17053	0.36
7	11	3	o	1890.254	1848.085	127.85	1.17706	0.24
11	7	3	o	828.579	2610.074	-17.74	1.15574	0.10
10	4	4	o	1429.755	4278.250	-37.05	1.15274	0.18
5	3	5	o	14826.443	17467.709	135.34	1.19225	2.27
3	5	5	o	7672.925	10256.199	-72.42	1.19734	1.19
4	10	4	o	16315.030	15616.447	163.80	1.17753	2.19
11	11	1	o	3956.468	7398.186	-46.63	1.14346	0.43
8	14	0	o	1823.074	4752.784	-180.00	1.13854	0.10
7	1	5	o	2341.001	5365.854	106.61	1.14824	0.33
9	13	1	o	2237.105	5924.736	-51.14	1.13748	0.24
6	14	2	o	441.327	1196.711	-54.73	1.13526	0.05
1	7	5	o	5682.788	9684.111	-40.12	1.16204	0.82
5	5	5	o	149.513	525.930	45.55	1.15508	0.02
8	8	4	o	1013.169	2808.359	30.19	1.13694	0.13
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