

```
data_SR-NAT_publ

_pd_block_id
2011-03-22T11:27|SR-NAT|Donghoon_Seoung|X14A

_audit_creation_method "from EXP file using GSAS2CIF"
_audit_creation_date      2011-03-22T11:27
_audit_author_name       "Donghoon Seoung"
_audit_update_record
; 2011-03-22T11:27 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 0.05
_refine_ls_shift/su_mean 0.01
_computing_structure_refinement GSAS
_refine_ls_number_parameters 67
_refine_ls_goodness_of_fit_all 1.81
_refine_ls_number_restraints 50
_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 Sr-NAT
_cell_length_a 6.54506(17)
_cell_length_b 19.2303(4)
_cell_length_c 9.97630(28)
_cell_angle_alpha 90.0

```

_cell_angle_beta      109.4701(12)
_cell_angle_gamma     90.0
_cell_volume          1183.85(7)
_symmetry_cell_setting monoclinic
_symmetry_space_group_name_H-M "C c"
loop_ _symmetry_equiv_pos_site_id _symmetry_equiv_pos_as_xyz
  1 +x,+y,+z
  2 +x,-y,+z+1/2
  101 +x+1/2,+y+1/2,+z
  102 +x+1/2,-y+1/2,+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
Sr
Sr 0.1564(8) 0.13975(22) 0.0500(6) 0.971(5) Uiso 0.0286 4
Si
Si1 0.4986(8) 0.37146(32) 0.0030(6) 1.0 Uiso 0.01627 4
Si
Si2 0.2297(9) 0.33271(26) 0.1986(6) 1.0 Uiso 0.01627 4
Si
Si3 0.5503(9) 0.08189(28) 0.3383(6) 1.0 Uiso 0.01627 4
Al
Al1 0.9372(8) 0.46006(28) 0.1028(5) 1.0 Uiso 0.01627 4
Al
Al2 0.3531(9) 0.21534(29) 0.4340(6) 1.0 Uiso 0.01627 4
O
O1 0.5437(16) 0.0299(4) 0.4645(8) 1.0 Uiso 0.01792 4
O
O2 0.4636(15) 0.0405(4) 0.1887(8) 1.0 Uiso 0.01792 4
O
O3 0.3937(14) 0.1487(4) 0.3261(9) 1.0 Uiso 0.01792 4
O
O4 0.1183(12) 0.1983(4) 0.4754(10) 1.0 Uiso 0.01792 4
O
O5 0.3401(15) 0.2962(4) 0.3518(7) 1.0 Uiso 0.01792 4
O
O6 0.0785(11) 0.2768(4) 0.0886(8) 1.0 Uiso 0.01792 4
O
O7 0.4188(14) 0.3575(5) 0.1381(9) 1.0 Uiso 0.01792 4
O
O8 0.0831(13) 0.3965(4) 0.2219(8) 1.0 Uiso 0.01792 4
O
O9 0.7950(9) 0.1088(5) 0.3633(8) 1.0 Uiso 0.01792 4

```

O							
O10	0.6628(9)	0.4373(4)	0.0393(10)	1.0	Uiso	0.00135	4
O							
Wat1	0.8456(29)	0.0724(9)	0.0890(20)	1.0	Uiso	0.0286	4
O							
Wat2	0.9509(31)	0.3238(10)	0.4368(19)	1.0	Uiso	0.0286	4
O							
Wat3	0.5483(35)	0.4625(8)	0.3374(18)	1.0	Uiso	0.0286	4

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

_chemical_formula_sum	"Al2 O13 Si3 Sr0.97"
_chemical_formula_weight	431.25
_cell_formula_units_Z	4

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		
Sr	Si2	3.721(8)	. 102_454 N
Sr	Si3	3.349(7)	. 1_555 N
Sr	Al1	3.867(7)	. 101_445 N
Sr	Al2	3.893(8)	. 1_555 N
Sr	Al2	3.393(7)	. 102_454 N
Sr	O2	2.784(10)	. 1_555 N
Sr	O3	2.679(9)	. 1_555 N
Sr	O5	4.141(10)	. 1_555 N
Sr	O5	2.643(9)	. 102_454 N
Sr	O6	2.736(9)	. 1_555 N
Sr	O7	3.879(10)	. 102_454 N
Sr	O8	4.134(9)	. 102_454 N
Sr	O9	4.345(7)	. 1_555 N
Sr	O10	3.896(9)	. 101_445 N
Sr	Wat1	2.549(19)	. 1_455 N
Sr	Wat2	2.633(23)	. 102_454 N
Sr	Wat3	2.804(16)	. 102_454 N
Si1	Si3	2.983(6)	. 102_454 N
Si1	Al2	3.116(6)	. 102_554 N
Si1	O1	3.442(10)	. 102_454 N
Si1	O4	1.6230(18)	. 102_554 N
Si1	O7	1.6213(18)	. 1_555 N
Si1	O9	1.6201(18)	. 102_454 N
Si1	O10	1.6212(18)	. 1_555 N
Si2	Sr	3.721(8)	. 102_555 N
Si2	Al1	3.059(6)	. 1_455 N
Si2	Al2	3.092(6)	. 102_454 N
Si2	O1	3.467(10)	. 102_454 N
Si2	O5	1.6169(18)	. 1_555 N
Si2	O6	1.6175(18)	. 1_555 N
Si2	O7	1.6195(18)	. 1_555 N

Si2	O8	1.6207(18)	. 1_555 N
Si2	Wat2	3.449(24)	. 1_455 N
Si2	Wat3	3.251(20)	. 1_555 N
Si3	Sr	3.349(7)	. 1_555 N
Si3	Si1	2.983(6)	. 102_555 N
Si3	Al1	3.076(6)	. 102_455 N
Si3	O1	1.6202(18)	. 1_555 N
Si3	O2	1.6184(18)	. 1_555 N
Si3	O3	1.6221(18)	. 1_555 N
Si3	O7	3.363(12)	. 102_555 N
Si3	O9	1.6214(18)	. 1_555 N
Al1	Sr	3.867(7)	. 101_555 N
Al1	Si2	3.059(6)	. 1_655 N
Al1	Si3	3.076(6)	. 102_554 N
Al1	O1	1.7508(18)	. 102_554 N
Al1	O2	1.7483(18)	. 101_555 N
Al1	O3	3.398(11)	. 102_554 N
Al1	O8	1.7498(18)	. 1_655 N
Al1	O10	1.7498(18)	. 1_555 N
Al1	Wat1	3.475(21)	. 101_555 N
Al1	Wat3	3.349(21)	. 2_564 N
Al2	Sr	3.893(8)	. 1_555 N
Al2	Sr	3.393(7)	. 102_555 N
Al2	Si1	3.116(6)	. 102_455 N
Al2	Si2	3.092(6)	. 102_555 N
Al2	O3	1.7501(18)	. 1_555 N
Al2	O4	1.7503(18)	. 1_555 N
Al2	O5	1.7466(18)	. 1_555 N
Al2	O6	3.517(6)	. 1_555 N
Al2	O6	1.7496(18)	. 102_555 N
Al2	O8	3.501(10)	. 102_555 N
Al2	O10	3.485(12)	. 102_455 N
Al2	Wat2	3.366(21)	. 1_455 N
O1	Si1	3.442(10)	. 102_555 N
O1	Si2	3.467(10)	. 102_555 N
O1	Si3	1.6202(18)	. 1_555 N
O1	Al1	1.7508(18)	. 102_455 N
O1	O2	2.632(6)	. 1_555 N
O1	O2	2.808(6)	. 2_555 N
O1	O3	2.681(7)	. 1_555 N
O1	O6	3.901(11)	. 102_555 N
O1	O7	3.299(16)	. 102_555 N
O1	O8	3.595(10)	. 101_545 N
O1	O8	2.867(7)	. 102_555 N
O1	O9	2.672(7)	. 1_555 N
O1	O10	2.900(7)	. 102_455 N
O1	O10	3.919(9)	. 102_555 N
O1	Wat1	2.771(20)	. 2_555 N
O1	Wat3	3.326(24)	. 101_445 N
O2	Sr	2.784(10)	. 1_555 N
O2	Si3	1.6184(18)	. 1_555 N
O2	Al1	1.7483(18)	. 101_445 N
O2	O1	2.632(6)	. 1_555 N
O2	O1	2.808(6)	. 2_554 N

O2	O3	2.615(7)	.	1_555	N
O2	O8	2.866(6)	.	101_545	N
O2	O9	2.636(7)	.	1_555	N
O2	O10	2.842(7)	.	101_445	N
O2	Wat1	3.879(23)	.	1_455	N
O2	Wat1	3.045(25)	.	1_555	N
O2	Wat2	3.605(22)	.	102_454	N
O2	Wat3	3.812(23)	.	101_445	N
O2	Wat3	3.913(23)	.	101_545	N
O2	Wat3	3.650(21)	.	102_454	N
O3	Sr	2.679(9)	.	1_555	N
O3	Si3	1.6221(18)	.	1_555	N
O3	Al1	3.398(11)	.	102_455	N
O3	Al2	1.7501(18)	.	1_555	N
O3	O1	2.681(7)	.	1_555	N
O3	O2	2.615(7)	.	1_555	N
O3	O4	2.858(7)	.	1_555	N
O3	O5	2.880(6)	.	1_555	N
O3	O6	3.561(10)	.	1_555	N
O3	O6	2.874(7)	.	102_555	N
O3	O7	3.792(15)	.	102_555	N
O3	O8	3.823(11)	.	102_555	N
O3	O9	2.641(7)	.	1_555	N
O3	O10	3.418(18)	.	102_455	N
O3	Wat1	3.868(20)	.	1_455	N
O4	Si1	1.6230(18)	.	102_455	N
O4	Al2	1.7503(18)	.	1_555	N
O4	O3	2.858(7)	.	1_555	N
O4	O5	2.893(7)	.	1_555	N
O4	O6	2.882(7)	.	102_555	N
O4	O7	2.627(7)	.	102_455	N
O4	O8	3.693(15)	.	102_555	N
O4	O9	2.667(7)	.	1_455	N
O4	O10	2.677(7)	.	102_455	N
O4	Wat2	2.625(19)	.	1_455	N
O5	Sr	4.141(10)	.	1_555	N
O5	Sr	2.643(9)	.	102_555	N
O5	Si2	1.6169(18)	.	1_555	N
O5	Al2	1.7466(18)	.	1_555	N
O5	O3	2.880(6)	.	1_555	N
O5	O4	2.893(7)	.	1_555	N
O5	O6	2.640(6)	.	1_555	N
O5	O6	2.744(5)	.	102_555	N
O5	O7	2.633(7)	.	1_555	N
O5	O8	2.603(7)	.	1_555	N
O5	Wat1	3.455(23)	.	102_455	N
O5	Wat2	2.989(26)	.	1_455	N
O5	Wat2	3.837(24)	.	1_555	N
O5	Wat3	3.498(19)	.	1_555	N
O6	Sr	2.736(9)	.	1_555	N
O6	Si2	1.6175(18)	.	1_555	N
O6	Al2	3.517(6)	.	1_555	N
O6	Al2	1.7496(18)	.	102_454	N
O6	O1	3.901(11)	.	102_454	N

O6	O3	3.561(10)	. 1_555 N
O6	O3	2.874(7)	. 102_454 N
O6	O4	2.882(7)	. 102_454 N
O6	O5	2.640(6)	. 1_555 N
O6	O5	2.744(5)	. 102_454 N
O6	O7	2.623(7)	. 1_555 N
O6	O8	2.654(7)	. 1_555 N
O6	O9	3.745(15)	. 102_454 N
O6	Wat2	3.939(23)	. 1_455 N
O6	Wat2	3.799(24)	. 102_454 N
O7	Sr	3.879(10)	. 102_555 N
O7	Si1	1.6213(18)	. 1_555 N
O7	Si2	1.6195(18)	. 1_555 N
O7	Si3	3.363(12)	. 102_454 N
O7	O1	3.299(16)	. 102_454 N
O7	O3	3.792(15)	. 102_454 N
O7	O4	2.627(7)	. 102_554 N
O7	O5	2.633(7)	. 1_555 N
O7	O6	2.623(7)	. 1_555 N
O7	O8	2.704(7)	. 1_555 N
O7	O9	2.667(7)	. 102_454 N
O7	O10	2.631(7)	. 1_555 N
O7	Wat2	3.810(20)	. 1_555 N
O7	Wat3	2.762(20)	. 1_555 N
O8	Sr	4.134(9)	. 102_555 N
O8	Si2	1.6207(18)	. 1_555 N
O8	Al1	1.7498(18)	. 1_455 N
O8	Al2	3.501(10)	. 102_454 N
O8	O1	3.595(10)	. 101_455 N
O8	O1	2.867(7)	. 102_454 N
O8	O2	2.866(6)	. 101_455 N
O8	O3	3.823(11)	. 102_454 N
O8	O4	3.693(15)	. 102_454 N
O8	O5	2.603(7)	. 1_555 N
O8	O6	2.654(7)	. 1_555 N
O8	O7	2.704(7)	. 1_555 N
O8	O10	2.857(7)	. 1_455 N
O8	Wat1	3.540(21)	. 102_455 N
O8	Wat2	2.922(22)	. 1_455 N
O8	Wat3	3.141(23)	. 1_555 N
O9	Sr	4.345(7)	. 1_555 N
O9	Si1	1.6201(18)	. 102_555 N
O9	Si3	1.6214(18)	. 1_555 N
O9	O1	2.672(7)	. 1_555 N
O9	O2	2.636(7)	. 1_555 N
O9	O3	2.641(7)	. 1_555 N
O9	O4	2.667(7)	. 1_655 N
O9	O6	3.745(15)	. 102_555 N
O9	O7	2.667(7)	. 102_555 N
O9	O10	2.617(7)	. 102_555 N
O9	Wat1	2.948(23)	. 1_555 N
O9	Wat3	3.319(18)	. 101_545 N
O10	Sr	3.896(9)	. 101_555 N
O10	Si1	1.6212(18)	. 1_555 N

O10	Al1	1.7498(18)	. 1_555 N
O10	Al2	3.485(12)	. 102_554 N
O10	O1	3.919(9)	. 102_454 N
O10	O1	2.900(7)	. 102_554 N
O10	O2	2.842(7)	. 101_555 N
O10	O3	3.418(18)	. 102_554 N
O10	O4	2.677(7)	. 102_554 N
O10	O7	2.631(7)	. 1_555 N
O10	O8	2.857(7)	. 1_655 N
O10	O9	2.617(7)	. 102_454 N
O10	Wat1	3.463(20)	. 101_455 N
O10	Wat3	3.336(22)	. 1_555 N
O10	Wat3	2.707(19)	. 2_564 N
Wat1	Sr	2.549(19)	. 1_655 N
Wat1	Al1	3.475(21)	. 101_445 N
Wat1	O1	2.771(20)	. 2_554 N
Wat1	O2	3.045(25)	. 1_555 N
Wat1	O2	3.879(23)	. 1_655 N
Wat1	O3	3.868(20)	. 1_655 N
Wat1	O5	3.455(23)	. 102_554 N
Wat1	O8	3.540(21)	. 102_554 N
Wat1	O9	2.948(23)	. 1_555 N
Wat1	O10	3.463(20)	. 101_545 N
Wat1	Wat2	3.217(24)	. 102_454 N
Wat1	Wat3	3.190(24)	. 101_545 N
Wat1	Wat3	3.276(24)	. 102_554 N
Wat2	Sr	2.633(23)	. 102_555 N
Wat2	Si2	3.449(24)	. 1_655 N
Wat2	Al2	3.366(21)	. 1_655 N
Wat2	O2	3.605(22)	. 102_555 N
Wat2	O4	2.625(19)	. 1_655 N
Wat2	O5	3.837(24)	. 1_555 N
Wat2	O5	2.989(26)	. 1_655 N
Wat2	O6	3.939(23)	. 1_655 N
Wat2	O6	3.799(24)	. 102_555 N
Wat2	O7	3.810(20)	. 1_555 N
Wat2	O8	2.922(22)	. 1_655 N
Wat2	Wat1	3.217(24)	. 102_555 N
Wat2	Wat3	3.647(23)	. 1_555 N
Wat3	Sr	2.804(16)	. 102_555 N
Wat3	Si2	3.251(20)	. 1_555 N
Wat3	Al1	3.349(21)	. 2_565 N
Wat3	O1	3.326(24)	. 101_555 N
Wat3	O2	3.913(23)	. 101_455 N
Wat3	O2	3.812(23)	. 101_555 N
Wat3	O2	3.650(21)	. 102_555 N
Wat3	O5	3.498(19)	. 1_555 N
Wat3	O7	2.762(20)	. 1_555 N
Wat3	O8	3.141(23)	. 1_555 N
Wat3	O9	3.319(18)	. 101_455 N
Wat3	O10	3.336(22)	. 1_555 N
Wat3	O10	2.707(19)	. 2_565 N
Wat3	Wat1	3.190(24)	. 101_455 N
Wat3	Wat1	3.276(24)	. 102_455 N

Wat3 Wat2 3.647(23) . 1_555 N

loop_

_geom_angle_atom_site_label_1
 _geom_angle_atom_site_label_2
 _geom_angle_atom_site_label_3
 _geom_angle
 _geom_angle_site_symmetry_1
 _geom_angle_site_symmetry_2
 _geom_angle_site_symmetry_3
 _geom_angle_publ_flag

Si3	Sr	Al2	139.57(19)	1_555 .	102_454 N
Si3	Sr	O2	28.76(9)	1_555 .	1_555 N
Si3	Sr	O3	28.56(9)	1_555 .	1_555 N
Si3	Sr	O5	169.85(24)	1_555 .	102_454 N
Si3	Sr	O6	109.00(21)	1_555 .	1_555 N
Si3	Sr	Wat1	97.2(4)	1_555 .	1_455 N
Si3	Sr	Wat2	89.6(5)	1_555 .	102_454 N
Si3	Sr	Wat3	110.2(4)	1_555 .	102_454 N
Al2	Sr	O2	167.52(21)	102_454 .	1_555 N
Al2	Sr	O3	111.77(22)	102_454 .	1_555 N
Al2	Sr	O5	30.54(8)	102_454 .	102_454 N
Al2	Sr	O6	30.86(8)	102_454 .	1_555 N
Al2	Sr	Wat1	93.6(4)	102_454 .	1_455 N
Al2	Sr	Wat2	93.7(5)	102_454 .	102_454 N
Al2	Sr	Wat3	110.3(4)	102_454 .	102_454 N
O2	Sr	O3	57.15(17)	1_555 .	1_555 N
O2	Sr	O5	161.36(24)	1_555 .	102_454 N
O2	Sr	O6	136.76(23)	1_555 .	1_555 N
O2	Sr	Wat1	93.2(5)	1_555 .	1_455 N
O2	Sr	Wat2	83.4(5)	1_555 .	102_454 N
O2	Sr	Wat3	81.6(4)	1_555 .	102_454 N
O3	Sr	O5	141.31(26)	1_555 .	102_454 N
O3	Sr	O6	82.24(26)	1_555 .	1_555 N
O3	Sr	Wat1	95.4(5)	1_555 .	1_455 N
O3	Sr	Wat2	99.6(5)	1_555 .	102_454 N
O3	Sr	Wat3	137.4(5)	1_555 .	102_454 N
O5	Sr	O6	61.32(16)	102_454 .	1_555 N
O5	Sr	Wat1	83.4(5)	102_454 .	1_455 N
O5	Sr	Wat2	93.3(5)	102_454 .	102_454 N
O5	Sr	Wat3	79.8(5)	102_454 .	102_454 N
O6	Sr	Wat1	105.8(5)	1_555 .	1_455 N
O6	Sr	Wat2	90.1(5)	1_555 .	102_454 N
O6	Sr	Wat3	140.4(4)	1_555 .	102_454 N
Wat1	Sr	Wat2	159.5(6)	1_455 .	102_454 N
Wat1	Sr	Wat3	75.3(5)	1_455 .	102_454 N
Wat2	Sr	Wat3	84.2(5)	102_454 .	102_454 N
O4	Si1	O7	108.2(4)	102_554 .	1_555 N
O4	Si1	O9	110.7(4)	102_554 .	102_454 N
O4	Si1	O10	111.2(4)	102_554 .	1_555 N
O7	Si1	O9	110.7(4)	1_555 .	102_454 N
O7	Si1	O10	108.5(4)	1_555 .	1_555 N
O9	Si1	O10	107.7(4)	102_454 .	1_555 N
O5	Si2	O6	109.4(4)	1_555 .	1_555 N

O5	Si2	O7	108.9(4)	1_555	1_555 N
O5	Si2	O8	107.0(4)	1_555	1_555 N
O6	Si2	O7	108.3(4)	1_555	1_555 N
O6	Si2	O8	110.1(5)	1_555	1_555 N
O7	Si2	O8	113.1(4)	1_555	1_555 N
Sr	Si3	O1	131.3(4)	1_555	1_555 N
Sr	Si3	O2	55.85(32)	1_555	1_555 N
Sr	Si3	O3	52.15(30)	1_555	1_555 N
Sr	Si3	O9	117.7(4)	1_555	1_555 N
O1	Si3	O2	108.7(4)	1_555	1_555 N
O1	Si3	O3	111.5(5)	1_555	1_555 N
O1	Si3	O9	111.0(4)	1_555	1_555 N
O2	Si3	O3	107.6(4)	1_555	1_555 N
O2	Si3	O9	108.9(4)	1_555	1_555 N
O3	Si3	O9	109.0(4)	1_555	1_555 N
O1	Al1	O2	106.74(32)	102_554	101_555 N
O1	Al1	O8	110.0(4)	102_554	1_655 N
O1	Al1	O10	111.9(4)	102_554	1_555 N
O2	Al1	O8	110.0(4)	101_555	1_655 N
O2	Al1	O10	108.7(4)	101_555	1_555 N
O8	Al1	O10	109.4(4)	1_655	1_555 N
Sr	Al2	O3	128.3(4)	102_555	1_555 N
Sr	Al2	O4	122.2(4)	102_555	1_555 N
Sr	Al2	O5	50.24(25)	102_555	1_555 N
Sr	Al2	O6	53.33(27)	102_555	102_555 N
O3	Al2	O4	109.5(4)	1_555	1_555 N
O3	Al2	O5	110.9(4)	1_555	1_555 N
O3	Al2	O6	110.4(4)	1_555	102_555 N
O4	Al2	O5	111.6(4)	1_555	1_555 N
O4	Al2	O6	110.9(4)	1_555	102_555 N
O5	Al2	O6	103.40(28)	1_555	102_555 N
Si3	O1	Al1	131.7(5)	1_555	102_455 N
Sr	O2	Si3	95.4(4)	1_555	1_555 N
Sr	O2	Al1	115.22(35)	1_555	101_445 N
Si3	O2	Al1	146.5(5)	1_555	101_445 N
Sr	O3	Si3	99.3(4)	1_555	1_555 N
Sr	O3	Al2	121.6(4)	1_555	1_555 N
Si3	O3	Al2	139.1(5)	1_555	1_555 N
Si1	O4	Al2	134.9(6)	102_455	1_555 N
Sr	O5	Si2	119.8(4)	102_555	1_555 N
Sr	O5	Al2	99.22(29)	102_555	1_555 N
Si2	O5	Al2	140.1(5)	1_555	1_555 N
Sr	O6	Si2	129.4(4)	1_555	1_555 N
Sr	O6	Al2	95.81(31)	1_555	102_454 N
Si2	O6	Al2	133.3(5)	1_555	102_454 N
Si1	O7	Si2	148.9(6)	1_555	1_555 N
Si2	O8	Al1	130.3(5)	1_555	1_455 N
Si1	O9	Si3	134.0(6)	102_555	1_555 N
Si1	O10	Al1	143.2(5)	1_555	1_555 N

Powder diffraction data for histogram 1

#=====

9. INSTRUMENT CHARACTERIZATION

```

_exptl_special_details
; ?
;

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

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

_pd_instr_location
; ?
;
_pd_calibration_special_details      # description of the method used
                                     # to calibrate the instrument
; ?
;

_diffrn_ambient_temperature      ?
_diffrn_source                   ?
_diffrn_source_target            ?
_diffrn_source_type              ?
_diffrn_measurement_device_type  ?
_diffrn_detector                 ?
_diffrn_detector_type            ?    # make or model of detector

_pd_meas_scan_method             ?    # options are 'step', 'cont',
                                     # 'tof', 'fixed' or
                                     # 'disp' (= dispersive)
_pd_meas_special_details
; ?
;

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

# Describe any processing performed on the data, prior to refinement.
# For example: a manual Lp correction or a precomputed absorption correction
_pd_proc_info_data_reduction    ?

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

_diffrn_radiation_monochromator ?

# The following items are used to define the size of the instrument.
# Not all distances are appropriate for all instrument types.

_pd_instr_dist_src/mono         ?
_pd_instr_dist_mono/spec        ?

```

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

10. Specimen size and mounting information

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

```
_pd_spec_size_axial      ?    # perpendicular to
                           # equatorial plane
```

```
_pd_spec_size_equat      ?    # parallel to
                           # scattering vector
                           # in transmission
```

```
_pd_spec_size_thick      ?    # parallel to
                           # scattering vector
                           # in reflection
```

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

```
; ?
;
```

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

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

loop_ _atom_type_symbol

```
_atom_type_number_in_cell
_atom_type_scatter_dispersion_real
_atom_type_scatter_dispersion_imag
_atom_type_scatter_Cromer_Mann_a1
_atom_type_scatter_Cromer_Mann_a2
_atom_type_scatter_Cromer_Mann_a3
_atom_type_scatter_Cromer_Mann_a4
_atom_type_scatter_Cromer_Mann_b1
_atom_type_scatter_Cromer_Mann_b2
_atom_type_scatter_Cromer_Mann_b3
_atom_type_scatter_Cromer_Mann_b4
_atom_type_scatter_Cromer_Mann_c
_atom_type_scatter_source
Sr      3.882 -2.075  3.400
17.5663 1.55640 9.81840 14.0988 5.42200 0.16640 2.66940 132.376 2.50640
International_Tables_Vol_C
Si      12.0  0.085  0.075
6.29150 2.43860 3.03530 32.3337 1.98910 0.67850 1.54100 81.6937 1.14070
International_Tables_Vol_C
```

Al 8.0 0.068 0.054
6.42020 3.03870 1.90020 0.74260 1.59360 31.5472 1.96460 85.0886 1.11510
International_Tables_Vol_C
O 52.0 0.012 0.006
3.04850 13.2771 2.28680 5.70110 1.54630 0.32390 0.86700 32.9089 0.25080
International_Tables_Vol_C
_diffrn_radiation_probe x-ray
_diffrn_radiation_polarisn_ratio 0.95
_diffrn_radiation_wavelength 0.72969
_diffrn_radiation_type ?
_pd_proc_ls_prof_R_factor 0.0124
_pd_proc_ls_prof_wR_factor 0.0171
_pd_proc_ls_prof_wR_expected 0.0098
_refine_ls_R_Fsqd_factor 0.21701

_pd_proc_ls_background_function
; GSAS Background function number 1 with 14 terms.
Shifted Chebyshev function of 1st kind
1: 10020.3 2: -592.289 3: 383.654 4: 10.5182
5: -210.634 6: 112.360 7: 23.9227 8: -58.1253
9: 93.6325 10: -56.2809 11: 1.96232 12: 37.8168
13: -56.7657 14: 22.9296

_exptl_absorpt_process_details
; GSAS Absorption/surface roughness correction: function number 0
No correction is applied.

_exptl_absorpt_correction_T_min 1.00000
_exptl_absorpt_correction_T_max 1.00000
Extinction correction
_gsas_exptl_extinct_corr_T_min 1.00000
_gsas_exptl_extinct_corr_T_max 1.00000
_pd_proc_ls_pref_orient_corr
; March-Dollase
AXIS 1 Ratio= 1.126 Frac 0.500 h= 1.000 k= 1.000 l=-1.000
AXIS 2 Ratio= 0.932 Frac 0.500 h= 1.000 k= 0.000 l= 0.000
Preferred orientation correction range: Min= 0.87293, Max= 1.12157

_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) = 153.604 #2(GV) = -15.826 #3(GW) = 0.610
#4(GP) = 0.000 #5(LX) = 2.605 #6(LY) = 0.000
#7(S/L) = 0.0005 #8(H/L) = 0.0005
#9(trns) = 0.00 #10(shft)= 0.0000
#11(stec)= 14.80 #12(ptec)= -0.51 #13(sfec)= 0.00
#14(L11)= 0.000 #15(L22)= 0.000 #16(L33)= 0.000
#17(L12)= 0.000 #18(L13)= 0.000 #19(L23)= 0.000

Peak tails are ignored where the intensity is below 0.0010 times the peak

Aniso. broadening axis 0.0 0.0 1.0

;

_pd_proc_ls_peak_cutoff 0.00100

_pd_proc_info_datetime 2011-03-22T11:27:32

_pd_calc_method "Rietveld Refinement"

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

_pd_meas_2theta_range_min 4.405

_pd_meas_2theta_range_max 61.6

_pd_meas_2theta_range_inc 0.005

_pd_proc_2theta_range_min 4.40488

_pd_proc_2theta_range_max 61.59988

_pd_proc_2theta_range_inc 0.005

loop_

_pd_meas_counts_total

_pd_proc_ls_weight

_pd_proc_intensity_bkg_calc

_pd_calc_intensity_total

11240.0 0.0 10107.17188 .

10546.0 0.0 10118.00488 .

11048.0 0.0 10128.72070 .

10841.0 0.0 10139.32129 .

10851.0 0.0 10149.80566 .

10952.0 0.0 10160.17676 .

10707.0 0.0 10170.43359 .

10781.0 0.0 10180.57910 .

10704.0 0.0 10190.61328 .

10831.0 0.0 10200.53418 .

10933.0 0.0 10210.34668 .

10846.0 0.0 10220.04980 .

10728.0 0.0 10229.64453 .

10724.0 0.0 10239.13086 .

10701.0 0.0 10248.51172 .

10974.0 0.0 10257.78613 .

10710.0 0.0 10266.95508 .

10948.0 0.0 10276.01855 .

10905.0 0.0 10284.97949 .

10929.0 0.0 10293.83789 .

10772.0 0.0 10302.59375 .

10606.0 0.0 10311.24902 .

10554.0 0.0 10319.80176 .

10753.0 0.0 10328.25684 .

10629.0 0.0 10336.61133 .

10791.0 0.0 10344.86816 .

11094.0 0.0 10353.02734 .

11410.0 0.0 10361.08984 .

10907.0 0.0 10369.05664 .

10981.0 0.0 10376.92871 .

10768.0 0.0 10384.70410 .

10805.0 0.0 10392.38770 .

10788.0 0.0 10399.97754 .

10636.0 0.0 10407.47559 .

10965.0	0.0	10414.88086	.
10644.0	0.0	10422.19531	.
10804.0	0.0	10429.42090	.
10722.0	0.0	10436.55566	.
10641.0	0.0	10443.60156	.
10830.0	0.0	10450.56055	.
10546.0	0.0	10457.43164	.
10792.0	0.0	10464.21582	.
10871.0	0.0	10470.91309	.
10865.0	0.0	10477.52637	.
11066.0	0.0	10484.05469	.
10920.0	0.0	10490.49902	.
10757.0	0.0	10496.86035	.
10679.0	0.0	10503.13867	.
10902.0	0.0	10509.33496	.
10654.0	0.0	10515.45020	.
10802.0	0.0	10521.48535	.
10685.0	0.0	10527.43945	.
10843.0	0.0	10533.31445	.
10751.0	0.0	10539.11133	.
10681.0	0.0	10544.83008	.
10807.0	0.0	10550.47070	.
10869.0	0.0	10556.03516	.
10754.0	0.0	10561.52344	.
10732.0	0.0	10566.93652	.
10686.0	0.0	10572.27441	.
10712.0	0.0	10577.53906	.
10811.0	0.0	10582.72852	.
10795.0	0.0	10587.84668	.
10778.0	0.0	10592.89063	.
10781.0	0.0	10597.86426	.
10776.0	0.0	10602.76563	.
10828.0	0.0	10607.59766	.
10850.0	0.0	10612.35840	.
10910.0	0.0	10617.05078	.
10906.0	0.0	10621.67383	.
10775.0	0.0	10626.22949	.
10739.0	0.0	10630.71680	.
10764.0	0.0	10635.13770	.
10788.0	0.0	10639.49121	.
10960.0	0.0	10643.77930	.
10652.0	0.0	10648.00293	.
10770.0	0.0	10652.16113	.
10811.0	0.0	10656.25488	.
10884.0	0.0	10660.28613	.
10679.0	0.0	10664.25293	.
10844.0	0.0	10668.15723	.
10902.0	0.0	10672.00098	.
11021.0	0.0	10675.78320	.
10862.0	0.0	10679.50391	.
10781.0	0.0	10683.16406	.
10932.0	0.0	10686.76465	.
10779.0	0.0	10690.30664	.
10863.0	0.0	10693.79004	.

10677.0	0.0	10697.21484	.
10740.0	0.0	10700.58203	.
10893.0	0.0	10703.89160	.
10701.0	0.0	10707.14551	.
10897.0	0.0	10710.34277	.
10659.0	0.0	10713.48535	.
10783.0	0.0	10716.57227	.
10647.0	0.0	10719.60449	.
10987.0	0.0	10722.58301	.
10789.0	0.0	10725.50781	.
10935.0	0.0	10728.37988	.
10698.0	0.0	10731.19922	.
10630.0	0.0	10733.96680	.
10669.0	0.0	10736.68262	.
10868.0	0.0	10739.34766	.
10601.0	0.0	10741.96191	.
10747.0	0.0	10744.52637	.
10769.0	0.0	10747.04004	.
10968.0	0.0	10749.50586	.
10703.0	0.0	10751.92285	.
10898.0	0.0	10754.29199	.
10787.0	0.0	10756.61230	.
10711.0	0.0	10758.88574	.
10845.0	0.0	10761.11328	.
11069.0	0.0	10763.29395	.
10784.0	0.0	10765.42773	.
10759.0	0.0	10767.51758	.
10692.0	0.0	10769.56152	.
10901.0	0.0	10771.56152	.
10720.0	0.0	10773.51758	.
10558.0	0.0	10775.42969	.
10731.0	0.0	10777.29785	.
10847.0	0.0000925	10779.12402	10779.13672
10884.0	0.0000925	10780.90820	10780.92090
10750.0	0.0000925	10782.65039	10782.66211
10819.0	0.0000925	10784.35059	10784.36230
10907.0	0.0000925	10786.00977	10786.02148
10655.0	0.0000943	10787.62891	10787.64063
10916.0	0.0000925	10789.20703	10789.21875
10958.0	0.0000907	10790.74609	10790.75781
10939.0	0.0000907	10792.24512	10792.25586
10921.0	0.0000907	10793.70605	10793.71680
10904.0	0.0000925	10795.12793	10795.12793
10744.0	0.0000925	10796.51172	10796.51172
10739.0	0.0000925	10797.85742	10797.85742
10749.0	0.0000925	10799.16602	10799.16602
10739.0	0.0000925	10800.43750	10800.43750
10699.0	0.0000943	10801.67285	10801.67285
10819.0	0.0000925	10802.87207	10802.87207
10696.0	0.0000943	10804.03516	10804.03516
10797.0	0.0000925	10805.16309	10805.16309
10672.0	0.0000943	10806.25684	10806.25684
10944.0	0.0000907	10807.31445	10807.31445
10728.0	0.0000925	10808.33887	10808.33887

10881.0	0.0000925	10809.32910	10809.32910
10934.0	0.0000907	10810.28613	10810.28613
10882.0	0.0000925	10811.20996	10811.20996
10790.0	0.0000925	10812.10059	10812.10059
10765.0	0.0000925	10812.95996	10812.95996
10689.0	0.0000943	10813.78613	10813.78613
10823.0	0.0000925	10814.58105	10814.58105
10845.0	0.0000925	10815.34570	10815.34570
11120.0	0.0000907	10816.07813	10816.07813
10837.0	0.0000925	10816.78027	10816.78027
10836.0	0.0000925	10817.45313	10817.45313
10626.0	0.0000943	10818.09570	10818.09570
10760.0	0.0000925	10818.70801	10818.70801
10757.0	0.0000925	10819.29199	10819.29199
11027.0	0.0000907	10819.84668	10819.84668
10951.0	0.0000907	10820.37402	10820.37402
10653.0	0.0000943	10820.87207	10820.87207
10885.0	0.0000925	10821.34277	10821.34277
10756.0	0.0000925	10821.78613	10821.78613
10777.0	0.0000925	10822.20215	10822.20215
10856.0	0.0000925	10822.59180	10822.59180
10697.0	0.0000943	10822.95508	10822.95508
10794.0	0.0000925	10823.29199	10823.29199
11009.0	0.0000907	10823.60254	10823.60254
10828.0	0.0000925	10823.88867	10823.88867
10585.0	0.0000943	10824.14844	10824.14844
10713.0	0.0000925	10824.38477	10824.38477
10750.0	0.0000925	10824.59570	10824.59570
10786.0	0.0000925	10824.78223	10824.78223
10776.0	0.0000925	10824.94531	10824.94531
10622.0	0.0000943	10825.08496	10825.08496
10880.0	0.0000925	10825.20117	10825.20117
10708.0	0.0000943	10825.29492	10825.29492
10784.0	0.0000925	10825.36523	10825.36523
10974.0	0.0000907	10825.41309	10825.41309
10780.0	0.0000925	10825.43945	10825.43945
10750.0	0.0000925	10825.44434	10825.44434
10733.0	0.0000925	10825.42676	10825.42676
10995.0	0.0000907	10825.38867	10825.38867
10603.0	0.0000943	10825.33008	10825.33008
10625.0	0.0000943	10825.25000	10825.25000
10637.0	0.0000943	10825.15039	10825.15039
10750.0	0.0000925	10825.03027	10825.03027
10487.0	0.0000961	10824.89063	10824.89063
10838.0	0.0000925	10824.73145	10824.73145
10853.0	0.0000925	10824.55273	10824.55273
10648.0	0.0000943	10824.35547	10824.35547
10545.0	0.0000943	10824.13965	10824.13965
10815.0	0.0000925	10823.90527	10823.90527
10756.0	0.0000925	10823.65234	10823.65234
10767.0	0.0000925	10823.38281	10823.38281
10758.0	0.0000925	10823.09473	10823.09473
10878.0	0.0000925	10822.78906	10822.78906
10853.0	0.0000925	10822.46777	10822.46777

10705.0	0.0000943	10822.12793	10822.12793
10706.0	0.0000943	10821.77344	10821.77344
10626.0	0.0000943	10821.40137	10821.40137
10862.0	0.0000925	10821.01367	10821.01367
10735.0	0.0000925	10820.61035	10820.61035
10815.0	0.0000925	10820.19141	10820.19141
10730.0	0.0000925	10819.75684	10819.75684
10774.0	0.0000925	10819.30762	10819.30762
10732.0	0.0000925	10818.84375	10818.84375
10518.0	0.0000943	10818.36523	10818.36523
10686.0	0.0000943	10817.87305	10817.87305
10658.0	0.0000943	10817.36621	10817.36621
10778.0	0.0000925	10816.84570	10816.84570
10553.0	0.0000943	10816.31152	10816.31152
10815.0	0.0000925	10815.76465	10815.76465
10779.0	0.0000925	10815.20410	10815.20410
10920.0	0.0000925	10814.62988	10814.62988
10977.0	0.0000907	10814.04395	10814.04395
10812.0	0.0000925	10813.44629	10813.44629
10850.0	0.0000925	10812.83496	10812.83496
10772.0	0.0000925	10812.21289	10812.21289
10768.0	0.0000925	10811.57813	10811.57813
10806.0	0.0000925	10810.93262	10810.93262
10771.0	0.0000925	10810.27539	10810.27539
10739.0	0.0000925	10809.60742	10809.60742
10896.0	0.0000925	10808.92871	10808.92871
10844.0	0.0000925	10808.23926	10810.41699
10618.0	0.0000943	10807.53906	10809.74805
10739.0	0.0000925	10806.82813	10809.06934
10628.0	0.0000943	10806.10840	10808.38184
10646.0	0.0000943	10805.37793	10807.68457
10646.0	0.0000943	10804.63770	10806.97852
10624.0	0.0000943	10803.88867	10806.26367
10848.0	0.0000925	10803.13086	10805.54199
10847.0	0.0000925	10802.36328	10804.81055
10684.0	0.0000943	10801.58691	10804.07129
10797.0	0.0000925	10800.80273	10803.32520
10588.0	0.0000943	10800.00879	10802.57031
10593.0	0.0000943	10799.20801	10801.80859
10723.0	0.0000925	10798.39844	10801.04004
10870.0	0.0000925	10797.58105	10800.26465
10692.0	0.0000943	10796.75586	10799.48145
10658.0	0.0000943	10795.92383	10798.69336
10644.0	0.0000943	10795.08398	10797.89844
10864.0	0.0000925	10794.23730	10797.09766
10639.0	0.0000943	10793.38379	10796.29102
10761.0	0.0000925	10792.52344	10795.47852
10887.0	0.0000925	10791.65625	10794.66113
10575.0	0.0000943	10790.78320	10793.83887
10839.0	0.0000925	10789.90430	10793.01172
10866.0	0.0000925	10789.01855	10792.17871
10732.0	0.0000925	10788.12695	10791.34180
10723.0	0.0000925	10787.23047	10790.50098
10672.0	0.0000943	10786.32813	10789.65625

10969.0	0.0000907	10785.41992	10788.80762
10711.0	0.0000943	10784.50781	10787.95605
10589.0	0.0000943	10783.58984	10787.09961
10621.0	0.0000943	10782.66699	10786.24121
10670.0	0.0000943	10781.73926	10785.37891
10772.0	0.0000925	10780.80762	10784.51465
10526.0	0.0000943	10779.87109	10783.64746
10628.0	0.0000943	10778.93066	10782.77832
10769.0	0.0000925	10777.98633	10781.90820
10640.0	0.0000943	10777.03809	10781.03516
10978.0	0.0000907	10776.08594	10780.16113
10843.0	0.0000925	10775.13086	10779.28613
10682.0	0.0000943	10774.17188	10778.40918
10876.0	0.0000925	10773.20898	10777.53125
10899.0	0.0000925	10772.24414	10776.65332
10543.0	0.0000943	10771.27539	10775.77539
10649.0	0.0000943	10770.30469	10774.89746
10873.0	0.0000925	10769.33105	10774.01953
10625.0	0.0000943	10768.35449	10773.14160
10696.0	0.0000943	10767.37598	10772.26563
10695.0	0.0000943	10766.39453	10771.38965
10651.0	0.0000943	10765.41211	10770.51563
10648.0	0.0000943	10764.42676	10769.64258
10964.0	0.0000907	10763.44043	10768.77246
10611.0	0.0000943	10762.45215	10767.90430
10776.0	0.0000925	10761.46191	10767.03809
10771.0	0.0000925	10760.47070	10766.17578
10874.0	0.0000925	10759.47754	10765.31543
10746.0	0.0000925	10758.48340	10764.45898
10670.0	0.0000943	10757.48926	10763.60742
10879.0	0.0000925	10756.49316	10762.75879
10749.0	0.0000925	10755.49707	10761.91602
10870.0	0.0000925	10754.50000	10761.07715
10844.0	0.0000925	10753.50195	10760.24414
10456.0	0.0000961	10752.50391	10759.41699
10547.0	0.0000943	10751.50586	10758.59668
10761.0	0.0000925	10750.50684	10757.78223
10929.0	0.0000907	10749.50879	10756.97559
10740.0	0.0000925	10748.50977	10756.17676
10704.0	0.0000943	10747.51172	10755.38574
10733.0	0.0000925	10746.51367	10754.60449
10933.0	0.0000907	10745.51660	10753.83203
10616.0	0.0000943	10744.51953	10753.07031
10720.0	0.0000925	10743.52344	10752.31836
10532.0	0.0000943	10742.52832	10751.57910
10605.0	0.0000943	10741.53418	10750.85156
10691.0	0.0000943	10740.54004	10750.13574
10610.0	0.0000943	10739.54785	10749.43555
10582.0	0.0000943	10738.55664	10748.74902
10645.0	0.0000943	10737.56738	10748.07813
10701.0	0.0000943	10736.57813	10747.42383
10603.0	0.0000943	10735.59180	10746.78809
10570.0	0.0000943	10734.60645	10746.16992
10547.0	0.0000943	10733.62305	10745.57324

10719.0	0.0000925	10732.64160	10744.99707
10615.0	0.0000943	10731.66211	10744.44434
10644.0	0.0000943	10730.68457	10743.91602
10587.0	0.0000943	10729.70898	10743.41406
10571.0	0.0000943	10728.73535	10742.93945
10707.0	0.0000943	10727.76465	10742.49609
10774.0	0.0000925	10726.79590	10742.08398
10675.0	0.0000943	10725.83008	10741.70703
10753.0	0.0000925	10724.86621	10741.36719
10705.0	0.0000943	10723.90527	10741.06738
10378.0	0.0000961	10722.94727	10740.81055
10196.0	0.0000980	10721.99219	10740.60059
10762.0	0.0000925	10721.04102	10740.44238
10620.0	0.0000943	10720.09180	10740.33789
10715.0	0.0000925	10719.14551	10740.29297
10843.0	0.0000925	10718.20313	10740.31250
10730.0	0.0000925	10717.26367	10740.40234
10462.0	0.0000961	10716.32813	10740.57031
10761.0	0.0000925	10715.39551	10740.82129
10662.0	0.0000943	10714.46680	10741.16406
10783.0	0.0000925	10713.54102	10741.60840
10726.0	0.0000925	10712.61914	10742.16406
10867.0	0.0000925	10711.70215	10742.84473
10587.0	0.0000943	10710.78809	10743.66016
10728.0	0.0000925	10709.87793	10744.62793
10800.0	0.0000925	10708.97168	10745.76465
10799.0	0.0000925	10708.07031	10747.09180
10743.0	0.0000925	10707.17285	10748.62988
10472.0	0.0000961	10706.27930	10750.40723
10693.0	0.0000943	10705.38965	10752.45410
10702.0	0.0000943	10704.50488	10754.80664
10505.0	0.0000961	10703.62500	10757.50977
10779.0	0.0000925	10702.74902	10760.61133
10933.0	0.0000907	10701.87793	10764.17285
10698.0	0.0000943	10701.01172	10768.26563
10775.0	0.0000925	10700.14941	10772.97559
10653.0	0.0000943	10699.29297	10778.40820
10674.0	0.0000943	10698.44043	10784.69043
10613.0	0.0000943	10697.59375	10791.98145
10924.0	0.0000907	10696.75098	10800.47363
10725.0	0.0000925	10695.91406	10810.41504
10671.0	0.0000943	10695.08203	10822.11328
10704.0	0.0000943	10694.25488	10835.96582
10682.0	0.0000943	10693.43359	10852.48730
10718.0	0.0000925	10692.61719	10872.35156
10740.0	0.0000925	10691.80566	10896.45703
10762.0	0.0000925	10691.00000	10926.02051
10933.0	0.0000907	10690.20020	10962.72754
10213.0	0.0000980	10689.40527	11008.97363
10848.0	0.0000925	10688.61621	11068.32715
10870.0	0.0000925	10687.83301	11146.38379
11104.0	0.0000907	10687.05469	11252.35352
11263.0	0.0000890	10686.28223	11401.64648
11342.0	0.0000873	10685.51660	11619.20313

11576.0	0.0000857	10684.75586	11942.24512
12234.0	0.0000812	10684.00098	12419.54102
13194.0	0.0000756	10683.25195	13100.85352
13696.0	0.0000731	10682.50977	13996.05664
13871.0	0.0000718	10681.77246	14956.43457
14247.0	0.0000706	10681.04199	15533.80859
13892.0	0.0000718	10680.31738	15288.29297
13048.0	0.0000769	10679.59863	14422.34863
12323.0	0.0000812	10678.88672	13463.02637
11661.0	0.0000857	10678.18066	12683.04590
11191.0	0.0000890	10677.48145	12120.84766
11296.0	0.0000890	10676.78809	11735.72559
10876.0	0.0000925	10676.10059	11476.16406
11086.0	0.0000907	10675.41992	11299.46973
10923.0	0.0000907	10674.74609	11175.57813
10892.0	0.0000925	10674.07813	11085.35449
10881.0	0.0000925	10673.41699	11017.26953
10691.0	0.0000943	10672.76270	10964.40625
10761.0	0.0000925	10672.11426	10922.45313
10828.0	0.0000925	10671.47363	10888.58008
10941.0	0.0000907	10670.83887	10860.82910
10846.0	0.0000925	10670.21094	10837.80469
11068.0	0.0000907	10669.58984	10818.48340
10777.0	0.0000925	10668.97461	10802.10059
10718.0	0.0000925	10668.36719	10788.08301
10855.0	0.0000925	10667.76660	10775.98438
10678.0	0.0000943	10667.17285	10765.46094
10761.0	0.0000925	10666.58496	10756.24121
10829.0	0.0000925	10666.00488	10748.11133
10665.0	0.0000943	10665.43164	10740.89844
10696.0	0.0000943	10664.86621	10734.46289
10606.0	0.0000943	10664.30664	10728.68945
10834.0	0.0000925	10663.75488	10723.48535
10659.0	0.0000943	10663.20996	10718.77344
10643.0	0.0000943	10662.67188	10714.48730
10748.0	0.0000925	10662.14063	10710.57422
10561.0	0.0000943	10661.61719	10706.98730
10758.0	0.0000925	10661.10059	10703.68945
10801.0	0.0000925	10660.59180	10700.64551
10790.0	0.0000925	10660.08984	10697.82813
10730.0	0.0000925	10659.59473	10707.81934
10693.0	0.0000943	10659.10742	10705.56543
10787.0	0.0000925	10658.62695	10703.47852
10672.0	0.0000943	10658.15430	10701.54199
10769.0	0.0000925	10657.68848	10700.71582
10682.0	0.0000943	10657.23047	10699.05469
10694.0	0.0000943	10656.77930	10697.50586
10623.0	0.0000943	10656.33594	10696.06250
10695.0	0.0000943	10655.89941	10694.71484
10792.0	0.0000925	10655.47070	10693.45801
10688.0	0.0000943	10655.04980	10692.28320
10825.0	0.0000925	10654.63574	10691.18359
10700.0	0.0000943	10654.22949	10690.15723
10799.0	0.0000925	10653.83105	10689.19727

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10599.0	0.0000943	10653.05566	10687.46191
10786.0	0.0000925	10652.67969	10686.68164
10763.0	0.0000925	10652.31055	10685.95117
10745.0	0.0000925	10651.95020	10685.27246
10712.0	0.0000943	10651.59668	10684.64160
10595.0	0.0000943	10651.25000	10684.05664
10818.0	0.0000925	10650.91211	10683.51465
10754.0	0.0000925	10650.58105	10683.01465
10624.0	0.0000943	10650.25781	10682.55566
10648.0	0.0000943	10649.94238	10682.13574
10657.0	0.0000943	10649.63379	10681.75293
10695.0	0.0000943	10649.33398	10681.40820
10712.0	0.0000943	10649.04102	10681.09863
10828.0	0.0000925	10648.75586	10680.82422
11040.0	0.0000907	10648.47852	10680.58398
10762.0	0.0000925	10648.20898	10680.37695
10799.0	0.0000925	10647.94727	10680.20410
10574.0	0.0000943	10647.69238	10680.06152
10796.0	0.0000925	10647.44629	10679.95313
10714.0	0.0000925	10647.20703	10679.87598
10678.0	0.0000943	10646.97559	10679.83105
10670.0	0.0000943	10646.75195	10679.81641
10642.0	0.0000943	10646.53613	10679.83398
10692.0	0.0000943	10646.32813	10679.88281
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10746.0	0.0000925	10645.93457	10680.07324
10773.0	0.0000925	10645.75000	10680.21582
10719.0	0.0000925	10645.57227	10680.39063
10775.0	0.0000925	10645.40234	10680.59668
10790.0	0.0000925	10645.24023	10680.83496
10746.0	0.0000925	10645.08594	10681.10645
10826.0	0.0000925	10644.93945	10681.41113
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10732.0	0.0000925	10644.66992	10682.12207
10747.0	0.0000925	10644.54590	10682.52930
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10772.0	0.0000925	10644.12988	10684.52344
10701.0	0.0000943	10644.04492	10685.11719
10748.0	0.0000925	10643.96680	10685.75000
10669.0	0.0000943	10643.89746	10686.42480
10741.0	0.0000925	10643.83594	10687.14355
10720.0	0.0000925	10643.78125	10687.90430
10832.0	0.0000925	10643.73438	10688.70996
10735.0	0.0000925	10643.69531	10689.56348
10729.0	0.0000925	10643.66406	10690.46582
10843.0	0.0000925	10643.64063	10691.41699
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10724.0	0.0000925	10643.61621	10693.48047
10737.0	0.0000925	10643.61523	10694.59570
10710.0	0.0000943	10643.62207	10695.76855
10662.0	0.0000943	10643.63672	10697.00293

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10734.0	0.0000925	10643.76953	10702.61230
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10849.0	0.0000925	10643.94824	10707.61719
10801.0	0.0000925	10644.02344	10709.45996
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10740.0	0.0000925	10644.19531	10713.43262
10767.0	0.0000925	10644.29297	10715.57422
10742.0	0.0000925	10644.39746	10717.82813
10737.0	0.0000925	10644.50977	10720.20117
10787.0	0.0000925	10644.62891	10722.69922
10861.0	0.0000925	10644.75586	10725.33105
10959.0	0.0000907	10644.89063	10728.10547
10868.0	0.0000925	10645.03223	10731.03223
10809.0	0.0000925	10645.18164	10734.12012
10880.0	0.0000925	10645.33789	10737.38086
10724.0	0.0000925	10645.50195	10740.82910
10939.0	0.0000907	10645.67285	10744.47461
10788.0	0.0000925	10645.85156	10748.33398
10858.0	0.0000925	10646.03711	10752.42285
10848.0	0.0000925	10646.23047	10756.76074
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10765.0	0.0000925	10646.63770	10766.25488
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10857.0	0.0000925	10647.07520	10777.00684
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10811.0	0.0000925	10647.54004	10789.23828
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10834.0	0.0000925	10648.55762	10819.34180
10969.0	0.0000907	10648.82910	10828.32422
10839.0	0.0000925	10649.10840	10838.01367
10916.0	0.0000925	10649.39453	10848.48438
10854.0	0.0000925	10649.68750	10859.82422
10961.0	0.0000907	10649.98730	10869.94043
10920.0	0.0000925	10650.29395	10883.36035
11022.0	0.0000907	10650.60840	10897.99512
11064.0	0.0000907	10650.92969	10913.99316
10838.0	0.0000925	10651.25684	10931.53320
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10976.0	0.0000907	10651.93359	10972.09863
10934.0	0.0000907	10652.28223	10995.65430
10962.0	0.0000907	10652.63672	11021.82129
11067.0	0.0000907	10652.99902	11051.00977
11041.0	0.0000907	10653.36816	11083.70117
11043.0	0.0000907	10653.74316	11120.48242
11134.0	0.0000890	10654.12598	11162.06934
11303.0	0.0000890	10654.51465	11209.33594
11232.0	0.0000890	10654.91016	11263.36816
11333.0	0.0000890	10655.31250	11325.51758

11553.0	0.0000873	10655.72168	11397.49316
11468.0	0.0000873	10656.13770	11481.47070
11304.0	0.0000890	10656.55957	11580.25684
11574.0	0.0000857	10656.98828	11697.51660
11855.0	0.0000842	10657.42285	11838.10840
11992.0	0.0000826	10657.86523	12008.56934
12077.0	0.0000826	10658.31348	12217.87500
12222.0	0.0000812	10658.76758	12478.66211
12608.0	0.0000797	10659.22949	12809.43457
12843.0	0.0000783	10659.69629	13238.76953
13342.0	0.0000743	10660.17090	13813.46582
13810.0	0.0000718	10660.65039	14612.89648
15007.0	0.0000661	10661.13770	15769.88086
16401.0	0.0000610	10661.62988	17491.92773
18756.0	0.0000533	10662.12891	20066.92773
22415.0	0.0000444	10662.63477	23823.33008
28023.0	0.0000359	10663.14648	28962.28125
34770.0	0.0000289	10663.66406	35013.54688
39938.0	0.0000250	10664.18750	39816.94922
41117.0	0.0000243	10664.71777	40166.69141
37154.0	0.0000268	10665.25391	35992.39844
30843.0	0.0000323	10665.79590	30484.62891
24862.0	0.0000401	10666.34473	25807.85352
20639.0	0.0000482	10666.89844	22255.47461
17571.0	0.0000565	10667.45898	19481.50195
15506.0	0.0000640	10668.02539	17322.92773
13922.0	0.0000718	10668.59766	15731.22168
13220.0	0.0000756	10669.17578	14595.70313
12793.0	0.0000783	10669.75977	13786.90625
12221.0	0.0000812	10670.34961	13202.15820
12006.0	0.0000826	10670.94531	12769.86426
11903.0	0.0000842	10671.54590	12442.02734
11744.0	0.0000857	10672.15332	12187.06055
11538.0	0.0000873	10672.76660	11984.30273
11396.0	0.0000873	10673.38477	11820.08984
11432.0	0.0000873	10674.00879	11685.12012
11438.0	0.0000873	10674.63867	11572.82031
11298.0	0.0000890	10675.27441	11478.40332
11209.0	0.0000890	10675.91504	11398.28711
11049.0	0.0000907	10676.56152	11329.74609
11243.0	0.0000890	10677.21387	11270.67578
11088.0	0.0000907	10677.87207	11219.42969
11031.0	0.0000907	10678.53516	11174.69922
10985.0	0.0000907	10679.20313	11135.44141
10976.0	0.0000907	10679.87695	11100.81348
11122.0	0.0000907	10680.55566	11070.12988
10993.0	0.0000907	10681.24023	11042.82422
10990.0	0.0000907	10681.93066	11018.43359
10722.0	0.0000925	10682.62500	10996.56543
10920.0	0.0000925	10683.32520	10976.89453
10855.0	0.0000925	10684.03125	10959.14844
10830.0	0.0000925	10684.74219	10943.09180
10652.0	0.0000943	10685.45703	10928.52441
10809.0	0.0000925	10686.17871	10915.27930

10861.0	0.0000925	10686.90430	10903.20703
10796.0	0.0000925	10687.63477	10892.18262
10847.0	0.0000925	10688.37109	10882.09570
11004.0	0.0000907	10689.11230	10872.84863
10908.0	0.0000925	10689.85742	10864.35938
10925.0	0.0000907	10690.60840	10856.55371
10765.0	0.0000925	10691.36426	10849.36719
10859.0	0.0000925	10692.12500	10842.74121
10943.0	0.0000907	10692.88965	10836.62500
10764.0	0.0000925	10693.66016	10830.97559
10913.0	0.0000925	10694.43457	10825.75098
10837.0	0.0000925	10695.21387	10820.91504
10930.0	0.0000907	10695.99805	10816.43652
10833.0	0.0000925	10696.78711	10812.28711
10831.0	0.0000925	10697.58008	10808.43750
10791.0	0.0000925	10698.37793	10804.86816
10903.0	0.0000925	10699.18066	10801.55664
10752.0	0.0000925	10699.98730	10798.48242
10655.0	0.0000943	10700.79883	10795.62988
10722.0	0.0000925	10701.61523	10792.98145
10761.0	0.0000925	10702.43555	10790.52539
10857.0	0.0000925	10703.25977	10788.24512
10744.0	0.0000925	10704.08887	10786.13184
10843.0	0.0000925	10704.92188	10784.17188
10754.0	0.0000925	10705.75977	10782.35645
10807.0	0.0000925	10706.60156	10780.67676
10811.0	0.0000925	10707.44727	10779.12305
10768.0	0.0000925	10708.29688	10777.68750
10782.0	0.0000925	10709.15137	10776.36426
10877.0	0.0000925	10710.00977	10775.14746
10684.0	0.0000943	10710.87207	10774.02734
10670.0	0.0000943	10711.73828	10773.00098
10906.0	0.0000925	10712.60840	10772.06250
10695.0	0.0000943	10713.48340	10771.20801
10739.0	0.0000925	10714.36133	10770.42969
10786.0	0.0000925	10715.24316	10769.72754
10673.0	0.0000943	10716.12891	10769.09375
10632.0	0.0000943	10717.01855	10768.52637
10816.0	0.0000925	10717.91211	10768.02344
10824.0	0.0000925	10718.80957	10767.57910
10781.0	0.0000925	10719.71094	10767.19238
10882.0	0.0000925	10720.61523	10766.85938
10780.0	0.0000925	10721.52344	10766.57813
10777.0	0.0000925	10722.43555	10766.34473
10741.0	0.0000925	10723.35059	10766.15918
10669.0	0.0000943	10724.26953	10766.01758
10649.0	0.0000943	10725.19238	10765.91895
10775.0	0.0000925	10726.11816	10765.85938
10941.0	0.0000907	10727.04785	10765.83984
10695.0	0.0000943	10727.98047	10765.85645
10723.0	0.0000925	10728.91602	10765.90820
10732.0	0.0000925	10729.85547	10765.99512
10654.0	0.0000943	10730.79883	10766.11523
10565.0	0.0000943	10731.74414	10766.26465

10645.0	0.0000943	10732.69336	10766.44336
10703.0	0.0000943	10733.64551	10766.65137
10754.0	0.0000925	10734.60156	10766.88770
10788.0	0.0000925	10735.55957	10767.14941
10676.0	0.0000943	10736.52148	10767.43750
10577.0	0.0000943	10737.48633	10767.75000
10659.0	0.0000943	10738.45410	10768.08496
10777.0	0.0000925	10739.42480	10768.44238
10751.0	0.0000925	10740.39844	10768.82227
10821.0	0.0000925	10741.37500	10769.22363
10818.0	0.0000925	10742.35352	10769.64355
10874.0	0.0000925	10743.33594	10770.08301
10856.0	0.0000925	10744.32129	10770.54297
10632.0	0.0000943	10745.30859	10771.01953
10418.0	0.0000961	10746.29883	10771.51465
10581.0	0.0000943	10747.29199	10772.02637
10813.0	0.0000925	10748.28809	10772.55469
10624.0	0.0000943	10749.28613	10773.09766
10710.0	0.0000943	10750.28711	10773.65625
10882.0	0.0000925	10751.29004	10774.22852
10642.0	0.0000943	10752.29590	10774.81641
10819.0	0.0000925	10753.30469	10775.41797
10862.0	0.0000925	10754.31543	10776.03418
10837.0	0.0000925	10755.32910	10776.66211
10603.0	0.0000943	10756.34473	10777.30273
10576.0	0.0000943	10757.36230	10777.95410
10557.0	0.0000943	10758.38281	10778.61914
10946.0	0.0000907	10759.40527	10779.29395
10759.0	0.0000925	10760.42969	10779.98145
10719.0	0.0000925	10761.45703	10780.67871
11050.0	0.0000907	10762.48535	10781.38574
10638.0	0.0000943	10763.51660	10782.10352
10887.0	0.0000925	10764.54980	10782.83203
10870.0	0.0000925	10765.58496	10783.56934
10744.0	0.0000925	10766.62207	10784.31543
10824.0	0.0000925	10767.66113	10785.07129
10928.0	0.0000907	10768.70313	10785.83594
10673.0	0.0000943	10769.74609	10786.60840
10842.0	0.0000925	10770.79102	10787.38867
10796.0	0.0000925	10771.83789	10788.17773
10849.0	0.0000925	10772.88574	10788.97461
10824.0	0.0000925	10773.93652	10789.77832
10944.0	0.0000907	10774.98828	10790.58984
10771.0	0.0000925	10776.04199	10791.40820
10899.0	0.0000925	10777.09766	10792.23438
10767.0	0.0000925	10778.15430	10793.06641
10759.0	0.0000925	10779.21289	10793.90527
10605.0	0.0000943	10780.27344	10794.75000
10882.0	0.0000925	10781.33496	10795.60156
10691.0	0.0000943	10782.39844	10796.45996
10872.0	0.0000925	10783.46289	10797.32227
10787.0	0.0000925	10784.52832	10785.57617
10766.0	0.0000925	10785.59570	10786.62891
10833.0	0.0000925	10786.66504	10787.68359

10700.0	0.0000943	10787.73535	10788.73926
10968.0	0.0000907	10788.80664	10789.79590
10917.0	0.0000925	10789.87891	10789.87891
10783.0	0.0000925	10790.95215	10790.95215
10842.0	0.0000925	10792.02734	10792.02734
10489.0	0.0000961	10793.10352	10793.10352
10796.0	0.0000925	10794.18066	10794.18066
10967.0	0.0000907	10795.25879	10795.25879
10600.0	0.0000943	10796.33789	10796.33789
10838.0	0.0000925	10797.41895	10797.41895
10611.0	0.0000943	10798.50000	10798.50000
10830.0	0.0000925	10799.58203	10799.58203
10749.0	0.0000925	10800.66504	10800.66504
10744.0	0.0000925	10801.74902	10801.74902
10729.0	0.0000925	10802.83398	10802.83398
10546.0	0.0000943	10803.91895	10803.91895
10546.0	0.0000943	10805.00586	10805.00586
10722.0	0.0000925	10806.09277	10806.09277
10744.0	0.0000925	10807.18066	10807.18066
11018.0	0.0000907	10808.26855	10808.26855
10835.0	0.0000925	10809.35742	10809.35742
10644.0	0.0000943	10810.44727	10810.44727
10941.0	0.0000907	10811.53711	10811.53711
10614.0	0.0000943	10812.62793	10812.62793
10678.0	0.0000943	10813.71875	10813.71875
10888.0	0.0000925	10814.81055	10814.81055
10551.0	0.0000943	10815.90332	10815.90332
10880.0	0.0000925	10816.99512	10816.99512
10710.0	0.0000943	10818.08789	10818.08789
10727.0	0.0000925	10819.18164	10819.18164
10749.0	0.0000925	10820.27441	10820.27441
10676.0	0.0000943	10821.36816	10821.36816
10444.0	0.0000961	10822.46191	10822.46191
10415.0	0.0000961	10823.55664	10823.55664
10913.0	0.0000925	10824.65137	10824.65137
10736.0	0.0000925	10825.74512	10825.74512
10708.0	0.0000943	10826.83984	10826.83984
10435.0	0.0000961	10827.93457	10832.90625
10912.0	0.0000925	10829.02930	10834.07227
10288.0	0.0000980	10830.12402	10835.24023
10626.0	0.0000943	10831.21777	10836.40820
10873.0	0.0000925	10832.31250	10837.57910
10584.0	0.0000943	10833.40723	10838.75195
10730.0	0.0000925	10834.50098	10839.92480
10840.0	0.0000925	10835.59570	10841.10059
10772.0	0.0000925	10836.68945	10842.27734
10734.0	0.0000925	10837.78320	10843.45605
10796.0	0.0000925	10838.87695	10844.63672
10667.0	0.0000943	10839.96973	10845.81836
10727.0	0.0000925	10841.06250	10847.00293
10833.0	0.0000925	10842.15527	10848.18848
10841.0	0.0000925	10843.24707	10849.37598
10780.0	0.0000925	10844.33887	10850.56543
10787.0	0.0000925	10845.42969	10851.75586

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10666.0	0.0000943	10847.61133	10854.14453
10693.0	0.0000943	10848.70117	10855.34277
10778.0	0.0000925	10849.79004	10856.54102
10779.0	0.0000925	10850.87793	10857.74219
10669.0	0.0000943	10851.96582	10858.94629
10710.0	0.0000943	10853.05371	10860.15234
10829.0	0.0000925	10854.13965	10861.36035
10769.0	0.0000925	10855.22559	10862.57129
10878.0	0.0000925	10856.31055	10863.78418
10787.0	0.0000925	10857.39551	10865.00098
10925.0	0.0000907	10858.47852	10866.21973
10873.0	0.0000925	10859.56152	10867.44141
10990.0	0.0000907	10860.64258	10868.66504
10945.0	0.0000907	10861.72363	10869.89258
10641.0	0.0000943	10862.80371	10871.12305
10242.0	0.0000980	10863.88281	10872.35645
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10886.0	0.0000925	10866.03711	10874.83398
10858.0	0.0000925	10867.11328	10876.07813
10855.0	0.0000925	10868.18750	10877.32617
10763.0	0.0000925	10869.26172	10878.57813
10770.0	0.0000925	10870.33398	10885.04785
10793.0	0.0000925	10871.40527	10886.38281
11166.0	0.0000890	10872.47559	10887.72461
10660.0	0.0000943	10873.54395	10889.07129
10400.0	0.0000961	10874.61133	10890.42578
10868.0	0.0000925	10875.67773	10891.78613
11042.0	0.0000907	10876.74316	10893.15527
10814.0	0.0000925	10877.80664	10894.53125
10779.0	0.0000925	10878.86914	10895.91406
10803.0	0.0000925	10879.92969	10897.30664
10905.0	0.0000925	10880.98926	10898.70703
10850.0	0.0000925	10882.04688	10900.11621
10795.0	0.0000925	10883.10352	10901.53516
10936.0	0.0000907	10884.15820	10902.96289
10913.0	0.0000925	10885.21191	10904.40137
10728.0	0.0000925	10886.26367	10905.84961
10665.0	0.0000943	10887.31348	10907.31055
10979.0	0.0000907	10888.36230	10908.78320
10988.0	0.0000907	10889.40918	10910.26758
10806.0	0.0000925	10890.45410	10911.76465
10692.0	0.0000943	10891.49805	10913.27539
10892.0	0.0000925	10892.54004	10914.80176
10893.0	0.0000925	10893.58008	10916.34180
10893.0	0.0000925	10894.61816	10917.89746
10974.0	0.0000907	10895.65430	10919.46973
10649.0	0.0000943	10896.68848	10921.05859
10753.0	0.0000925	10897.72168	10922.66797
10659.0	0.0000943	10898.75195	10924.29590
10869.0	0.0000925	10899.78125	10925.94434
10987.0	0.0000907	10900.80762	10927.61426
10900.0	0.0000925	10901.83301	10929.30664
10808.0	0.0000925	10902.85547	10931.02344

10826.0	0.0000925	10903.87598	10932.76563
10960.0	0.0000907	10904.89453	10934.53418
10857.0	0.0000925	10905.91113	10936.33105
10894.0	0.0000925	10906.92578	10938.15918
10986.0	0.0000907	10907.93848	10940.01953
10828.0	0.0000925	10908.94922	10941.91504
10849.0	0.0000925	10909.95703	10943.84473
10927.0	0.0000907	10910.96289	10945.81445
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10756.0	0.0000925	10912.96680	10949.87695
10965.0	0.0000907	10913.96582	10951.97754
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10890.0	0.0000925	10916.94922	10958.58984
10948.0	0.0000907	10917.93848	10960.91016
10776.0	0.0000925	10918.92578	10963.29590
10757.0	0.0000925	10919.91016	10965.75098
10781.0	0.0000925	10920.89258	10968.28223
10826.0	0.0000925	10921.87207	10970.89453
10894.0	0.0000925	10922.84961	10973.59375
10857.0	0.0000925	10923.82422	10976.38574
10962.0	0.0000907	10924.79590	10979.27930
11004.0	0.0000907	10925.76563	10982.28418
10850.0	0.0000925	10926.73242	10985.40625
10942.0	0.0000907	10927.69629	10988.65723
10881.0	0.0000925	10928.65820	10992.05078
10840.0	0.0000925	10929.61719	10995.59570
11010.0	0.0000907	10930.57324	10999.30859
11043.0	0.0000907	10931.52637	11003.20313
10822.0	0.0000925	10932.47656	11007.29688
10964.0	0.0000907	10933.42480	11011.61230
10991.0	0.0000907	10934.37012	11016.16797
10962.0	0.0000907	10935.31152	11020.98926
10933.0	0.0000907	10936.25098	11026.10645
11166.0	0.0000890	10937.18750	11031.55078
11166.0	0.0000890	10938.12109	11037.35938
11215.0	0.0000890	10939.05176	11043.57129
11138.0	0.0000890	10939.97949	11050.23828
11121.0	0.0000907	10940.90430	11057.41504
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10977.0	0.0000907	10942.74512	11073.56543
10941.0	0.0000907	10943.66016	11082.70020
10994.0	0.0000907	10944.57324	11092.67773
11097.0	0.0000907	10945.48242	11103.61523
10974.0	0.0000907	10946.38867	11115.66113
11117.0	0.0000907	10947.29199	11128.98828
10933.0	0.0000907	10948.19238	11143.80664
11007.0	0.0000907	10949.08984	11160.37012
11064.0	0.0000907	10949.98340	11178.98926
11148.0	0.0000890	10950.87402	11200.04688
11071.0	0.0000907	10951.76172	11224.02051
11067.0	0.0000907	10952.64551	11251.50684
11080.0	0.0000907	10953.52637	11283.26758
11242.0	0.0000890	10954.40430	11320.27637

11137.0	0.0000890	10955.27832	11363.80078
11168.0	0.0000890	10956.14941	11415.51172
11365.0	0.0000873	10957.01660	11477.64063
11215.0	0.0000890	10957.88086	11553.23438
11358.0	0.0000873	10958.74219	11646.54980
11623.0	0.0000857	10959.59961	11763.76660
11788.0	0.0000842	10960.45313	11914.41113
12071.0	0.0000826	10961.30371	12114.21777
12544.0	0.0000797	10962.15137	12390.53516
12813.0	0.0000783	10962.99512	12790.82031
13492.0	0.0000743	10963.83496	13392.18750
14725.0	0.0000683	10964.67090	14305.41602
16044.0	0.0000620	10965.50391	15662.33496
17745.0	0.0000565	10966.33398	17567.45117
19465.0	0.0000510	10967.15918	19958.10156
20851.0	0.0000482	10967.98145	22254.97656
21397.0	0.0000469	10968.80078	23196.26563
20880.0	0.0000476	10969.61523	22036.06250
19672.0	0.0000510	10970.42676	19680.40430
17587.0	0.0000565	10971.23438	17342.81055
15876.0	0.0000630	10972.03809	15514.31152
14595.0	0.0000683	10972.83789	14226.43262
13579.0	0.0000731	10973.63477	13366.77441
12836.0	0.0000783	10974.42773	12804.52930
12631.0	0.0000797	10975.21582	12432.80664
12126.0	0.0000826	10976.00098	12178.52832
11893.0	0.0000842	10976.78320	11997.26855
11816.0	0.0000842	10977.56055	11863.56641
11586.0	0.0000857	10978.33398	11768.74023
11461.0	0.0000873	10979.10352	11692.12207
11352.0	0.0000873	10979.86914	11633.86719
11309.0	0.0000890	10980.63184	11590.12012
11373.0	0.0000873	10981.38965	11558.21289
11366.0	0.0000873	10982.14355	11536.32227
11091.0	0.0000907	10982.89355	11523.23633
11293.0	0.0000890	10983.63965	11518.21973
11254.0	0.0000890	10984.38281	11520.95117
11333.0	0.0000890	10985.12109	11531.48047
11374.0	0.0000873	10985.85449	11551.44727
11243.0	0.0000890	10986.58496	11579.26660
11403.0	0.0000873	10987.31152	11617.48340
11459.0	0.0000873	10988.03320	11668.08789
11555.0	0.0000873	10988.75098	11734.00977
11455.0	0.0000873	10989.46484	11819.61133
11740.0	0.0000857	10990.17480	11931.56348
11801.0	0.0000842	10990.88086	12080.34180
12073.0	0.0000826	10991.58203	12282.46387
12559.0	0.0000797	10992.27930	12563.25781
13070.0	0.0000769	10992.97266	12959.38965
13640.0	0.0000731	10993.66211	13519.48828
14537.0	0.0000683	10994.34668	14300.37109
15728.0	0.0000640	10995.02734	15353.34082
16804.0	0.0000592	10995.70313	16684.32422
18172.0	0.0000549	10996.37598	18154.96484

18611.0	0.0000541	10997.04395	19342.98633
18980.0	0.0000525	10997.70703	19644.50391
18567.0	0.0000541	10998.36621	18863.57813
17265.0	0.0000583	10999.02148	17467.68359
16254.0	0.0000620	10999.67188	16024.20313
14931.0	0.0000672	11000.31836	14811.43164
13986.0	0.0000718	11000.95996	13883.84473
13078.0	0.0000769	11001.59766	13206.66113
12727.0	0.0000783	11002.23145	12723.18945
12298.0	0.0000812	11002.85938	12379.40625
11884.0	0.0000842	11003.48438	12131.99609
11847.0	0.0000842	11004.10449	11949.65723
11654.0	0.0000857	11004.71973	11811.37598
11502.0	0.0000873	11005.33105	11703.61133
11325.0	0.0000890	11005.93750	11617.71387
11431.0	0.0000873	11006.54004	11548.03516
11414.0	0.0000873	11007.13770	11490.73145
11226.0	0.0000890	11007.73047	11443.07422
11308.0	0.0000890	11008.31934	11403.06641
11137.0	0.0000890	11008.90430	11369.19922
11205.0	0.0000890	11009.48340	11340.32227
11322.0	0.0000890	11010.05859	11315.54102
11432.0	0.0000873	11010.62891	11294.15137
11245.0	0.0000890	11011.19531	11275.59570
11120.0	0.0000907	11011.75684	11259.42871
11032.0	0.0000907	11012.31348	11245.28516
11126.0	0.0000907	11012.86523	11232.87402
11225.0	0.0000890	11013.41309	11221.95410
11038.0	0.0000907	11013.95605	11212.32617
11189.0	0.0000890	11014.49414	11203.81934
11175.0	0.0000890	11015.02832	11196.30371
11237.0	0.0000890	11015.55762	11189.65430
11148.0	0.0000890	11016.08203	11183.77539
11066.0	0.0000907	11016.60156	11178.58398
11167.0	0.0000890	11017.11621	11174.00879
11095.0	0.0000907	11017.62598	11169.99023
11175.0	0.0000890	11018.13184	11168.13867
11176.0	0.0000890	11018.63281	11165.10547
10958.0	0.0000907	11019.12891	11162.49316
11171.0	0.0000890	11019.62012	11160.26855
11147.0	0.0000890	11020.10645	11158.40527
11192.0	0.0000890	11020.58887	11156.87695
11101.0	0.0000907	11021.06543	11155.66504
11153.0	0.0000890	11021.53809	11154.75000
11174.0	0.0000890	11022.00488	11154.11914
11188.0	0.0000890	11022.46777	11153.75977
11182.0	0.0000890	11022.92578	11153.66309
11032.0	0.0000907	11023.37891	11153.82031
11169.0	0.0000890	11023.82617	11154.22754
11159.0	0.0000890	11024.26953	11154.87891
11095.0	0.0000907	11024.70801	11155.77539
11128.0	0.0000907	11025.14160	11156.91504
11202.0	0.0000890	11025.57031	11158.29980
11131.0	0.0000890	11025.99414	11159.93164

11209.0	0.0000890	11026.41309	11161.81641
11189.0	0.0000890	11026.82715	11163.96289
11308.0	0.0000890	11027.23633	11166.37598
11148.0	0.0000890	11027.64063	11169.07227
10974.0	0.0000907	11028.04004	11172.05762
11073.0	0.0000907	11028.43359	11175.35352
11175.0	0.0000890	11028.82324	11178.97168
11125.0	0.0000907	11029.20801	11182.93945
11286.0	0.0000890	11029.58691	11188.46875
11302.0	0.0000890	11029.96191	11193.21875
11202.0	0.0000890	11030.33105	11198.39551
11220.0	0.0000890	11030.69531	11204.03906
11248.0	0.0000890	11031.05469	11210.18750
11117.0	0.0000907	11031.40918	11216.88574
11181.0	0.0000890	11031.75879	11224.19238
11117.0	0.0000907	11032.10352	11232.16504
11087.0	0.0000907	11032.44336	11240.87988
11224.0	0.0000890	11032.77734	11250.41504
11114.0	0.0000907	11033.10742	11260.87109
11298.0	0.0000890	11033.43164	11272.35547
10941.0	0.0000907	11033.75098	11285.00000
11109.0	0.0000907	11034.06543	11298.96289
11221.0	0.0000890	11034.37402	11314.42285
11374.0	0.0000873	11034.67871	11331.59766
11350.0	0.0000873	11034.97754	11350.74512
11337.0	0.0000890	11035.27148	11372.17871
11327.0	0.0000890	11035.56055	11396.28125
11467.0	0.0000873	11035.84473	11423.51172
11312.0	0.0000890	11036.12305	11454.45117
11554.0	0.0000873	11036.39648	11489.80762
11494.0	0.0000873	11036.66504	11530.48828
11476.0	0.0000873	11036.92871	11577.64063
11642.0	0.0000857	11037.18652	11632.75000
11514.0	0.0000873	11037.44043	11697.76953
11723.0	0.0000857	11037.68848	11775.31836
11737.0	0.0000857	11037.93066	11869.00977
11720.0	0.0000857	11038.16895	11984.08984
12034.0	0.0000826	11038.40137	12128.57324
12168.0	0.0000826	11038.62891	12315.32129
12321.0	0.0000812	11038.85059	12565.30664
12593.0	0.0000797	11039.06836	12911.74512
12865.0	0.0000783	11039.28027	13403.75488
13529.0	0.0000743	11039.48730	14106.86230
14321.0	0.0000694	11039.68848	15095.79883
15672.0	0.0000640	11039.88477	16427.02930
17133.0	0.0000583	11040.07617	18058.42188
18991.0	0.0000525	11040.26270	19714.51953
20657.0	0.0000482	11040.44336	20959.75000
21606.0	0.0000463	11040.61914	21673.99609
21629.0	0.0000463	11040.78906	21992.55664
21113.0	0.0000476	11040.95508	21712.68945
20203.0	0.0000496	11041.11426	20594.68945
18513.0	0.0000541	11041.26953	19039.38086
17513.0	0.0000574	11041.41895	17644.79688

16651.0	0.0000601	11041.56348	16709.61133
16093.0	0.0000620	11041.70313	16304.78906
16062.0	0.0000620	11041.83691	16430.73438
16791.0	0.0000592	11041.96582	17079.91992
17953.0	0.0000557	11042.08887	18233.44727
19442.0	0.0000518	11042.20703	19793.36914
20855.0	0.0000482	11042.32031	21422.49414
21951.0	0.0000457	11042.42871	22420.98047
21628.0	0.0000463	11042.53125	22131.01758
20249.0	0.0000496	11042.62793	20701.18555
18558.0	0.0000541	11042.72070	18883.53125
16908.0	0.0000592	11042.80762	17252.97266
15708.0	0.0000640	11042.88867	16021.20605
14663.0	0.0000683	11042.96582	15205.00000
14143.0	0.0000706	11043.03613	14751.69043
14032.0	0.0000718	11043.10254	14579.92383
13924.0	0.0000718	11043.16309	14569.25000
13726.0	0.0000731	11043.21777	14538.63965
13619.0	0.0000731	11043.26855	14314.93848
13346.0	0.0000743	11043.31348	13888.19434
12946.0	0.0000769	11043.35254	13391.81055
12416.0	0.0000812	11043.38672	12939.74316
12142.0	0.0000826	11043.41602	12573.37402
12077.0	0.0000826	11043.43945	12292.25391
12010.0	0.0000826	11043.45801	12081.73535
11654.0	0.0000857	11043.47168	11924.83594
11641.0	0.0000857	11043.47949	11806.59863
11675.0	0.0000857	11043.48145	11715.48242
11617.0	0.0000857	11043.47949	11643.35059
11466.0	0.0000873	11043.47168	11584.78418
11512.0	0.0000873	11043.45801	11536.24707
11516.0	0.0000873	11043.43945	11495.40625
11513.0	0.0000873	11043.41602	11460.65527
11527.0	0.0000873	11043.38672	11425.58594
11304.0	0.0000890	11043.35254	11399.92090
11300.0	0.0000890	11043.31348	11377.67090
11446.0	0.0000873	11043.26855	11358.32324
11322.0	0.0000890	11043.21777	11341.47363
11337.0	0.0000890	11043.16309	11326.80371
11172.0	0.0000890	11043.10254	11314.05957
11385.0	0.0000873	11043.03613	11303.04297
11234.0	0.0000890	11042.96484	11293.59863
11038.0	0.0000907	11042.88867	11285.60742
11026.0	0.0000907	11042.80664	11278.98730
11366.0	0.0000873	11042.71973	11273.68262
11087.0	0.0000907	11042.62695	11269.66699
11161.0	0.0000890	11042.52930	11266.94629
11027.0	0.0000907	11042.42676	11265.55566
11403.0	0.0000873	11042.31836	11265.56348
11272.0	0.0000890	11042.20508	11267.08301
11374.0	0.0000873	11042.08691	11270.26855
11210.0	0.0000890	11041.96289	11275.34277
11416.0	0.0000873	11041.83301	11282.60449
11229.0	0.0000890	11041.69922	11292.46094

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11419.0	0.0000873	11041.41406	11322.33789
11138.0	0.0000890	11041.26367	11344.16016
11463.0	0.0000873	11041.10840	11372.46191
11400.0	0.0000873	11040.94727	11409.61328
11345.0	0.0000873	11040.78125	11459.44531
11767.0	0.0000857	11040.61035	11528.25488
11407.0	0.0000873	11040.43359	11626.15820
11783.0	0.0000842	11040.25195	11768.34082
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12319.0	0.0000812	11039.87305	12270.81055
12585.0	0.0000797	11039.67480	12675.48633
13060.0	0.0000769	11039.47266	13190.20996
13491.0	0.0000743	11039.26465	13755.89453
14024.0	0.0000718	11039.05078	14196.71191
13928.0	0.0000718	11038.83301	14272.09180
13792.0	0.0000731	11038.60840	13931.03125
13509.0	0.0000743	11038.37988	13381.96484
13011.0	0.0000769	11038.14551	12839.88965
12424.0	0.0000812	11037.90625	12397.94043
12259.0	0.0000812	11037.66211	12069.36523
12029.0	0.0000826	11037.41211	11837.59180
11891.0	0.0000842	11037.15723	11679.02148
11671.0	0.0000857	11036.89648	11571.84668
11481.0	0.0000873	11036.63086	11499.26855
11443.0	0.0000873	11036.36035	11449.87695
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11367.0	0.0000873	11035.80371	11395.52051
11276.0	0.0000890	11035.51758	11384.50684
11177.0	0.0000890	11035.22559	11382.89551
11366.0	0.0000873	11034.92969	11391.13965
11528.0	0.0000873	11034.62695	11410.96875
11151.0	0.0000890	11034.32031	11445.75293
11655.0	0.0000857	11034.00781	11500.92578
11357.0	0.0000873	11033.69043	11584.27344
11453.0	0.0000873	11033.36816	11705.65820
11222.0	0.0000890	11033.04102	11875.74121
11960.0	0.0000842	11032.70801	12102.50879
12067.0	0.0000826	11032.37012	12382.47070
12365.0	0.0000812	11032.02637	12681.21582
12684.0	0.0000783	11031.67871	12910.95215
12675.0	0.0000783	11031.32520	12958.31348
12577.0	0.0000797	11030.96680	12792.12109
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12378.0	0.0000812	11030.23438	12196.12207
11978.0	0.0000842	11029.86035	11932.72559
11645.0	0.0000857	11029.48145	11726.10938
11530.0	0.0000873	11029.09668	11571.81152
11186.0	0.0000890	11028.70801	11459.54980
11719.0	0.0000857	11028.31348	11378.55762
11132.0	0.0000890	11027.91406	11319.66602
11181.0	0.0000890	11027.50977	11275.92285
11254.0	0.0000890	11027.09961	11242.48145
11145.0	0.0000890	11026.68555	11216.15234

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11149.0	0.0000890	11024.53613	11139.41602
11133.0	0.0000890	11024.09082	11130.10938
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11212.0	0.0000890	11022.72559	11108.36719
11050.0	0.0000907	11022.25977	11102.63379
11001.0	0.0000907	11021.79004	11097.46680
11163.0	0.0000890	11021.31445	11092.77832
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11217.0	0.0000890	11020.34961	11084.57715
10968.0	0.0000907	11019.85938	11080.96191
10926.0	0.0000907	11019.36426	11077.61328
11196.0	0.0000890	11018.86328	11074.49707
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10974.0	0.0000907	11017.84863	11068.86426
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11134.0	0.0000890	11016.81348	11063.87793
10933.0	0.0000907	11016.28809	11061.58301
11072.0	0.0000907	11015.75879	11059.40625
11006.0	0.0000907	11015.22363	11057.33105
11039.0	0.0000907	11014.68359	11055.34961
11066.0	0.0000907	11014.13965	11050.92383
11114.0	0.0000907	11013.58984	11049.13867
11103.0	0.0000907	11013.03516	11047.41895
11152.0	0.0000890	11012.47559	11045.76270
11033.0	0.0000907	11011.91113	11040.86133
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10947.0	0.0000907	11010.18945	11036.49219
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11119.0	0.0000907	11005.38379	11020.33789
11052.0	0.0000907	11004.76172	11019.26367
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10721.0	0.0000925	11000.92773	11013.12109
10936.0	0.0000907	11000.27148	11012.13672
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10928.0	0.0000907	10986.92480	10993.50293
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11076.0	0.0000907	10983.90234	10989.93457
11002.0	0.0000907	10983.13574	10989.04102
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10965.0	0.0000907	10981.58887	10987.25488
11040.0	0.0000907	10980.80762	10986.35938
11089.0	0.0000907	10980.02344	10985.46484
10911.0	0.0000925	10979.23438	10984.56738
10973.0	0.0000907	10978.44043	10983.66992
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10823.0	0.0000925	10976.83984	10981.86914
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11094.0	0.0000907	10975.22070	10980.06152
10945.0	0.0000907	10974.40430	10979.15527
11083.0	0.0000907	10973.58398	10978.24707
11221.0	0.0000890	10972.75977	10977.33789
11181.0	0.0000890	10971.93066	10976.42578
11050.0	0.0000907	10971.09668	10975.51172
11066.0	0.0000907	10970.25879	10974.59473
10831.0	0.0000925	10969.41699	10973.67773
11086.0	0.0000907	10968.57031	10972.75586
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10901.0	0.0000925	10966.86426	10970.90723
11091.0	0.0000907	10966.00488	10969.97949
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10985.0	0.0000907	10964.27246	10968.11523
10984.0	0.0000907	10963.40039	10967.17871
11073.0	0.0000907	10962.52344	10966.24121
11095.0	0.0000907	10961.64258	10965.29883
10936.0	0.0000907	10960.75781	10964.35449
10858.0	0.0000925	10959.86816	10963.40820
11068.0	0.0000907	10958.97461	10960.78418
10949.0	0.0000907	10958.07617	10959.85449
10854.0	0.0000925	10957.17383	10958.92188
11042.0	0.0000907	10956.26758	10957.98535
10955.0	0.0000907	10955.35742	10957.04688
10955.0	0.0000907	10954.44238	10956.10352
10958.0	0.0000907	10953.52441	10955.15820

10880.0	0.0000925	10952.60059	10954.20703
10875.0	0.0000925	10951.67383	10953.25488
11005.0	0.0000907	10950.74316	10952.29785
11101.0	0.0000907	10949.80762	10951.33789
11082.0	0.0000907	10948.86816	10950.37402
11172.0	0.0000890	10947.92383	10949.40625
11062.0	0.0000907	10946.97656	10948.43555
10941.0	0.0000907	10946.02441	10947.46094
10884.0	0.0000925	10945.06934	10946.48340
11105.0	0.0000907	10944.10938	10945.50195
10836.0	0.0000925	10943.14551	10944.51660
11013.0	0.0000907	10942.17773	10943.52832
11023.0	0.0000907	10941.20508	10942.53613
10985.0	0.0000907	10940.22949	10941.54004
10886.0	0.0000925	10939.24902	10940.54102
10952.0	0.0000907	10938.26563	10939.53809
10904.0	0.0000925	10937.27734	10940.02930
10987.0	0.0000907	10936.28613	10939.04199
10919.0	0.0000925	10935.29004	10938.04980
10893.0	0.0000925	10934.29004	10937.05469
10885.0	0.0000925	10933.28711	10936.05859
10977.0	0.0000907	10932.27930	10935.05664
10952.0	0.0000907	10931.26758	10934.05273
11081.0	0.0000907	10930.25195	10933.04590
10934.0	0.0000907	10929.23242	10932.03516
11004.0	0.0000907	10928.20996	10932.69238
11011.0	0.0000907	10927.18262	10931.70020
11047.0	0.0000907	10926.15234	10930.70605
10990.0	0.0000907	10925.11719	10929.70898
10995.0	0.0000907	10924.07910	10928.71094
11052.0	0.0000907	10923.03711	10927.70996
10937.0	0.0000907	10921.99023	10926.70508
10954.0	0.0000907	10920.94043	10925.69922
11045.0	0.0000907	10919.88672	10924.69043
10944.0	0.0000907	10918.83008	10923.68262
10953.0	0.0000907	10917.76855	10922.66895
10974.0	0.0000907	10916.70410	10921.65527
10923.0	0.0000907	10915.63574	10920.63867
11018.0	0.0000907	10914.56348	10919.62109
10976.0	0.0000907	10913.48730	10918.60059
10834.0	0.0000925	10912.40723	10917.57910
10902.0	0.0000925	10911.32422	10916.55566
10881.0	0.0000925	10910.23730	10915.53027
10988.0	0.0000907	10909.14648	10914.50391
10968.0	0.0000907	10908.05273	10913.47559
10908.0	0.0000925	10906.95410	10912.44629
11058.0	0.0000907	10905.85254	10911.41406
11009.0	0.0000907	10904.74805	10910.38281
10740.0	0.0000925	10903.63867	10909.34863
10971.0	0.0000907	10902.52637	10908.31445
11055.0	0.0000907	10901.41113	10907.27832
10919.0	0.0000925	10900.29199	10906.24219
10920.0	0.0000907	10899.16895	10905.20410
10829.0	0.0000925	10898.04297	10904.16699

11094.0	0.0000907	10896.91211	10903.12695
10872.0	0.0000925	10895.77930	10902.08789
10986.0	0.0000907	10894.64258	10901.04883
10941.0	0.0000907	10893.50195	10900.00781
10854.0	0.0000925	10892.35742	10898.96777
10917.0	0.0000925	10891.21094	10897.20020
10963.0	0.0000907	10890.05957	10896.16797
10970.0	0.0000907	10888.90625	10895.13574
10896.0	0.0000925	10887.74805	10894.10449
10759.0	0.0000925	10886.58691	10893.07227
10851.0	0.0000925	10885.42285	10892.04199
10951.0	0.0000907	10884.25488	10891.01172
10956.0	0.0000907	10883.08398	10889.98340
10863.0	0.0000925	10881.91016	10888.95703
10885.0	0.0000925	10880.73242	10887.93066
10931.0	0.0000907	10879.55078	10886.90527
10949.0	0.0000907	10878.36719	10885.88379
10923.0	0.0000907	10877.17871	10884.86230
10986.0	0.0000907	10875.98828	10883.84473
10920.0	0.0000925	10874.79395	10882.82910
10938.0	0.0000907	10873.59668	10881.81641
10841.0	0.0000925	10872.39551	10880.80664
10852.0	0.0000925	10871.19141	10879.80078
11106.0	0.0000907	10869.98535	10878.79980
10928.0	0.0000907	10868.77441	10877.80078
10836.0	0.0000925	10867.56152	10876.80957
11026.0	0.0000907	10866.34473	10875.82129
10881.0	0.0000925	10865.12402	10874.83691
10861.0	0.0000925	10863.90137	10873.86133
10901.0	0.0000925	10862.67578	10872.89063
10981.0	0.0000907	10861.44629	10871.92676
10946.0	0.0000907	10860.21387	10870.97168
10917.0	0.0000925	10858.97852	10870.02344
10883.0	0.0000925	10857.74023	10869.08398
10922.0	0.0000907	10856.49805	10868.15332
10878.0	0.0000925	10855.25391	10867.23340
11092.0	0.0000907	10854.00586	10866.32324
10935.0	0.0000907	10852.75488	10865.42578
10878.0	0.0000925	10851.50098	10864.53906
10925.0	0.0000907	10850.24512	10863.66797
10961.0	0.0000907	10848.98535	10862.81055
10973.0	0.0000907	10847.72266	10861.96777
10846.0	0.0000925	10846.45703	10861.14160
10977.0	0.0000907	10845.18848	10860.33398
10940.0	0.0000907	10843.91699	10859.54492
10948.0	0.0000907	10842.64258	10858.77637
10856.0	0.0000925	10841.36426	10858.02930
10721.0	0.0000925	10840.08398	10857.30664
11033.0	0.0000907	10838.80176	10856.61035
11013.0	0.0000907	10837.51563	10855.94141
10808.0	0.0000925	10836.22656	10855.30176
10931.0	0.0000907	10834.93457	10854.69434
10878.0	0.0000925	10833.64063	10854.12305
10914.0	0.0000925	10832.34277	10853.58887

10958.0	0.0000907	10831.04297	10853.09570
10877.0	0.0000925	10829.73926	10852.64551
10793.0	0.0000925	10828.43457	10852.24512
10822.0	0.0000925	10827.12598	10851.89453
10918.0	0.0000925	10825.81445	10851.60254
10872.0	0.0000925	10824.50000	10851.37012
10806.0	0.0000925	10823.18359	10851.20703
10843.0	0.0000925	10821.86426	10851.11816
10807.0	0.0000925	10820.54199	10851.10742
10874.0	0.0000925	10819.21777	10851.18750
10776.0	0.0000925	10817.89063	10851.36230
10872.0	0.0000925	10816.56055	10851.64453
11016.0	0.0000907	10815.22754	10852.04395
11056.0	0.0000907	10813.89160	10852.57227
10927.0	0.0000907	10812.55371	10853.24609
10947.0	0.0000907	10811.21387	10854.07910
10830.0	0.0000925	10809.87012	10855.08789
10941.0	0.0000907	10808.52441	10856.29688
10979.0	0.0000907	10807.17676	10857.72754
10864.0	0.0000925	10805.82617	10859.40625
10920.0	0.0000925	10804.47266	10861.36719
11004.0	0.0000907	10803.11621	10863.64355
11027.0	0.0000907	10801.75781	10866.28223
10952.0	0.0000907	10800.39746	10869.33105
10808.0	0.0000925	10799.03418	10872.84961
10946.0	0.0000907	10797.66797	10876.91016
10876.0	0.0000925	10796.29980	10881.59570
10993.0	0.0000907	10794.92969	10887.00879
10913.0	0.0000925	10793.55664	10893.27148
10877.0	0.0000925	10792.18066	10900.53320
10925.0	0.0000907	10790.80273	10908.98242
10964.0	0.0000907	10789.42285	10918.84570
11038.0	0.0000907	10788.04004	10930.41309
10942.0	0.0000907	10786.65527	10944.05078
11010.0	0.0000907	10785.26758	10960.23438
10966.0	0.0000907	10783.87891	10979.59375
11228.0	0.0000890	10782.48633	11002.98828
11148.0	0.0000890	10781.09277	11031.66602
11065.0	0.0000907	10779.69531	11067.49609
11159.0	0.0000890	10778.29688	11113.39551
11223.0	0.0000890	10776.89551	11173.91113
11285.0	0.0000890	10775.49316	11255.90137
11333.0	0.0000890	10774.08691	11369.05566
11394.0	0.0000873	10772.67969	11525.82617
11467.0	0.0000873	10771.26953	11740.25879
11888.0	0.0000842	10769.85742	12025.10156
12161.0	0.0000826	10768.44336	12385.56641
12599.0	0.0000797	10767.02734	12805.54199
12740.0	0.0000783	10765.60840	13222.94434
13010.0	0.0000769	10764.18750	13518.31348
13063.0	0.0000769	10762.76465	13585.02832
12979.0	0.0000769	10761.33984	13449.86035
12557.0	0.0000797	10759.91309	13254.40723
12403.0	0.0000812	10758.48340	13128.73828

12669.0	0.0000783	10757.05273	13136.87695
12892.0	0.0000769	10755.61914	13285.37695
13094.0	0.0000769	10754.18457	13524.86719
13470.0	0.0000743	10752.74707	13735.27441
13991.0	0.0000718	10751.30762	13755.38281
13982.0	0.0000718	10749.86621	13509.79980
13676.0	0.0000731	10748.42285	13084.02051
13100.0	0.0000769	10746.97754	12618.86914
12707.0	0.0000783	10745.53125	12202.98926
12168.0	0.0000826	10744.08203	11866.62207
12074.0	0.0000826	10742.63086	11609.48438
11679.0	0.0000857	10741.17773	11419.49707
11487.0	0.0000873	10739.72266	11281.49023
11365.0	0.0000873	10738.26563	11181.22461
11229.0	0.0000890	10736.80762	11107.18848
11469.0	0.0000873	10735.34668	11050.99609
11453.0	0.0000873	10733.88477	11006.99023
11027.0	0.0000907	10732.42090	10971.51855
10950.0	0.0000907	10730.95508	10942.25098
11005.0	0.0000907	10729.48730	10917.66309
10811.0	0.0000925	10728.01758	10896.71875
10863.0	0.0000925	10726.54590	10878.67188
11053.0	0.0000907	10725.07324	10862.96973
10865.0	0.0000925	10723.59863	10849.18652
10896.0	0.0000925	10722.12207	10836.99023
10820.0	0.0000925	10720.64355	10826.11914
10834.0	0.0000925	10719.16309	10816.35938
10760.0	0.0000925	10717.68164	10807.54492
10786.0	0.0000925	10716.19824	10799.53418
10756.0	0.0000925	10714.71289	10792.21191
10701.0	0.0000943	10713.22656	10785.48633
10839.0	0.0000925	10711.73828	10779.27539
10803.0	0.0000925	10710.24805	10773.51563
10781.0	0.0000925	10708.75684	10768.14844
10788.0	0.0000925	10707.26367	10763.12793
10735.0	0.0000925	10705.76855	10758.41211
10863.0	0.0000925	10704.27246	10753.96777
10603.0	0.0000943	10702.77441	10749.76465
10709.0	0.0000943	10701.27539	10745.77539
10833.0	0.0000925	10699.77441	10741.97949
10917.0	0.0000925	10698.27148	10738.35449
10711.0	0.0000943	10696.76758	10734.88574
10553.0	0.0000943	10695.26270	10731.55762
10623.0	0.0000943	10693.75488	10728.35645
10614.0	0.0000943	10692.24707	10725.26953
10645.0	0.0000943	10690.73730	10722.28809
10827.0	0.0000925	10689.22559	10719.89941
10700.0	0.0000943	10687.71289	10717.10449
10786.0	0.0000925	10686.19922	10714.39063
10749.0	0.0000925	10684.68359	10711.74902
10577.0	0.0000943	10683.16699	10709.17578
10672.0	0.0000943	10681.64844	10706.66113
10642.0	0.0000943	10680.12891	10704.20605
10640.0	0.0000943	10678.60742	10701.80078

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10765.0	0.0000925	10675.56152	10697.13477
10699.0	0.0000943	10674.03711	10694.86719
10687.0	0.0000943	10672.51074	10692.63574
10754.0	0.0000925	10670.98340	10690.43945
10762.0	0.0000925	10669.45410	10688.27734
10461.0	0.0000961	10667.92383	10686.14648
10757.0	0.0000925	10666.39258	10684.04590
10801.0	0.0000925	10664.86035	10681.97070
10592.0	0.0000943	10663.32715	10679.92090
10572.0	0.0000943	10661.79199	10677.89453
10613.0	0.0000943	10660.25586	10675.88965
10729.0	0.0000925	10658.71875	10673.90625
10579.0	0.0000943	10657.18066	10671.94141
10699.0	0.0000943	10655.64063	10669.99414
10649.0	0.0000943	10654.10059	10668.06641
10602.0	0.0000943	10652.55859	10666.15332
10618.0	0.0000943	10651.01563	10664.25488
10569.0	0.0000943	10649.47168	10662.37109
10641.0	0.0000943	10647.92676	10660.50098
10741.0	0.0000925	10646.38086	10658.64258
10655.0	0.0000943	10644.83301	10656.79590
10729.0	0.0000925	10643.28516	10654.96289
10834.0	0.0000925	10641.73535	10653.13867
10676.0	0.0000943	10640.18555	10651.32520
10655.0	0.0000943	10638.63379	10649.52051
10664.0	0.0000943	10637.08203	10647.72559
10737.0	0.0000925	10635.52930	10645.94043
10774.0	0.0000925	10633.97461	10644.16016
10632.0	0.0000943	10632.41992	10642.39063
10644.0	0.0000943	10630.86328	10640.62695
10811.0	0.0000925	10629.30664	10638.87012
10573.0	0.0000943	10627.74902	10637.12207
10608.0	0.0000943	10626.19043	10635.37891
10480.0	0.0000961	10624.63086	10633.64160
10507.0	0.0000943	10623.07031	10631.91016
10651.0	0.0000943	10621.50879	10630.18457
10646.0	0.0000943	10619.94629	10628.46289
10500.0	0.0000961	10618.38379	10626.74805
10753.0	0.0000925	10616.81934	10625.03711
10712.0	0.0000925	10615.25488	10623.33203
10692.0	0.0000943	10613.68945	10621.62988
10675.0	0.0000943	10612.12305	10619.93262
10562.0	0.0000943	10610.55566	10618.23730
10508.0	0.0000943	10608.98828	10616.54883
10643.0	0.0000943	10607.41992	10614.86328
10638.0	0.0000943	10605.85059	10613.18066
10426.0	0.0000961	10604.28027	10611.50098
10666.0	0.0000943	10602.70996	10609.82715
10570.0	0.0000943	10601.13867	10608.15430
10598.0	0.0000943	10599.56641	10606.48438
10562.0	0.0000943	10597.99414	10604.81934
10598.0	0.0000943	10596.42090	10603.15625
10743.0	0.0000925	10594.84668	10601.49707

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10397.0	0.0000961	10591.69727	10598.18457
10494.0	0.0000961	10590.12109	10596.53223
10563.0	0.0000943	10588.54492	10594.88184
10542.0	0.0000943	10586.96777	10593.23438
10555.0	0.0000943	10585.38965	10591.58887
10546.0	0.0000943	10583.81152	10589.94727
10460.0	0.0000961	10582.23340	10588.30762
10630.0	0.0000943	10580.65430	10586.66895
10565.0	0.0000943	10579.07422	10585.03320
10572.0	0.0000943	10577.49414	10583.39941
10478.0	0.0000961	10575.91309	10581.76758
10646.0	0.0000943	10574.33203	10580.13867
10267.0	0.0000980	10572.75098	10578.51367
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10554.0	0.0000943	10569.58594	10575.26465
10479.0	0.0000961	10568.00293	10573.64355
10684.0	0.0000943	10566.41992	10572.02539
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10628.0	0.0000943	10563.25195	10568.79395
10596.0	0.0000943	10561.66699	10567.18066
10508.0	0.0000943	10560.08203	10565.57031
10366.0	0.0000961	10558.49707	10563.96191
10296.0	0.0000980	10556.91113	10562.35449
10636.0	0.0000943	10555.32520	10560.75098
10432.0	0.0000961	10553.73926	10559.14844
10590.0	0.0000943	10552.15234	10557.54785
10663.0	0.0000943	10550.56543	10555.95020
10604.0	0.0000943	10548.97852	10552.83984
10455.0	0.0000961	10547.39063	10551.26660
10723.0	0.0000925	10545.80371	10549.69824
10416.0	0.0000961	10544.21582	10548.12891
10737.0	0.0000925	10542.62793	10546.56348
10657.0	0.0000943	10541.03906	10544.99805
10444.0	0.0000961	10539.45020	10543.43555
10696.0	0.0000943	10537.86133	10541.87598
10438.0	0.0000961	10536.27246	10540.31836
10338.0	0.0000961	10534.68359	10537.09863
10567.0	0.0000943	10533.09375	10535.56836
10357.0	0.0000961	10531.50488	10534.04199
10581.0	0.0000943	10529.91504	10532.51563
10484.0	0.0000961	10528.32520	10530.99316
10551.0	0.0000943	10526.73535	10529.47266
10403.0	0.0000961	10525.14551	10527.95508
10402.0	0.0000961	10523.55566	10526.44043
10677.0	0.0000943	10521.96484	10524.92773
10531.0	0.0000943	10520.37500	10523.90332
10593.0	0.0000943	10518.78418	10522.40234
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10325.0	0.0000961	10515.60352	10519.41309
10396.0	0.0000961	10514.01367	10517.92480
10440.0	0.0000961	10512.42285	10518.28516
10637.0	0.0000943	10510.83203	10516.83105
10659.0	0.0000943	10509.24219	10516.20508

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10712.0	0.0000925	10506.06152	10513.35254
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10428.0	0.0000961	10496.52051	10507.09277
10674.0	0.0000943	10494.93066	10505.74902
10666.0	0.0000943	10493.34082	10504.41797
10515.0	0.0000943	10491.75098	10503.09668
10337.0	0.0000961	10490.16211	10501.79004
10401.0	0.0000961	10488.57227	10500.49316
10447.0	0.0000961	10486.98340	10499.21289
10743.0	0.0000925	10485.39453	10497.94531
10374.0	0.0000961	10483.80566	10496.69531
10209.0	0.0000980	10482.21680	10495.46387
10598.0	0.0000943	10480.62891	10494.24902
10646.0	0.0000943	10479.04102	10493.05762
10279.0	0.0000980	10477.45313	10491.88477
10616.0	0.0000943	10475.86523	10490.73535
10535.0	0.0000943	10474.27832	10489.61328
10453.0	0.0000961	10472.69043	10488.51660
10482.0	0.0000961	10471.10449	10487.45215
10339.0	0.0000961	10469.51758	10486.42090
10595.0	0.0000943	10467.93066	10485.42285
10461.0	0.0000961	10466.34473	10484.46582
10430.0	0.0000961	10464.75977	10483.55273
10477.0	0.0000961	10463.17480	10482.68848
10467.0	0.0000961	10461.58984	10481.87402
10542.0	0.0000943	10460.00488	10481.12012
10475.0	0.0000961	10458.42090	10480.42969
10607.0	0.0000943	10456.83691	10479.81055
10618.0	0.0000943	10455.25293	10479.27246
10413.0	0.0000961	10453.66992	10478.82715
10480.0	0.0000961	10452.08691	10478.48145
10290.0	0.0000980	10450.50586	10478.25391
10544.0	0.0000943	10448.92383	10478.15625
10430.0	0.0000961	10447.34180	10478.20605
10435.0	0.0000961	10445.76074	10478.42871
10534.0	0.0000943	10444.18066	10478.84863
10450.0	0.0000961	10442.60059	10479.49609
10391.0	0.0000961	10441.02051	10480.40918
10484.0	0.0000961	10439.44141	10481.63184
10641.0	0.0000943	10437.86328	10483.22266
10536.0	0.0000943	10436.28516	10485.24805
10669.0	0.0000943	10434.70801	10487.79395
10410.0	0.0000961	10433.13086	10491.20508
10455.0	0.0000961	10431.55371	10495.14453
10438.0	0.0000961	10429.97754	10500.02637
10596.0	0.0000943	10428.40234	10506.09277
10519.0	0.0000943	10426.82813	10513.68066
10531.0	0.0000943	10425.25293	10523.28516
10429.0	0.0000961	10423.67969	10535.66211

10659.0	0.0000943	10422.10645	10551.97266
10658.0	0.0000943	10420.53418	10573.97461
10738.0	0.0000925	10418.96289	10604.22754
10753.0	0.0000925	10417.39160	10646.20605
10711.0	0.0000943	10415.82031	10704.23047
10679.0	0.0000943	10414.25098	10783.05176
10809.0	0.0000925	10412.68164	10886.95703
10829.0	0.0000925	10411.11328	11018.08203
11172.0	0.0000890	10409.54492	11173.05273
11265.0	0.0000890	10407.97754	11336.64941
11397.0	0.0000873	10406.41113	11474.46680
11627.0	0.0000857	10404.84570	11538.21387
11572.0	0.0000857	10403.28027	11498.22168
11305.0	0.0000890	10401.71582	11372.79883
11276.0	0.0000890	10400.15234	11209.40820
11087.0	0.0000907	10398.58984	11047.64941
10925.0	0.0000907	10397.02734	10907.22363
10820.0	0.0000925	10395.46582	10793.87207
10729.0	0.0000925	10393.90527	10706.47559
10720.0	0.0000925	10392.34570	10641.10938
10637.0	0.0000943	10390.78613	10593.03223
10583.0	0.0000943	10389.22754	10557.75879
10467.0	0.0000961	10387.66992	10531.57617
10491.0	0.0000961	10386.11328	10511.68750
10638.0	0.0000943	10384.55859	10496.14648
10606.0	0.0000943	10383.00293	10483.65430
10756.0	0.0000925	10381.44922	10473.37207
10628.0	0.0000943	10379.89551	10464.74902
10502.0	0.0000961	10378.34375	10457.41504
10379.0	0.0000961	10376.79199	10451.10840
10487.0	0.0000961	10375.24121	10445.64160
10411.0	0.0000961	10373.69141	10440.87109
10311.0	0.0000961	10372.14258	10436.68652
10481.0	0.0000961	10370.59473	10432.99707
10410.0	0.0000961	10369.04785	10429.73730
10513.0	0.0000943	10367.50195	10426.85449
10490.0	0.0000961	10365.95605	10424.30176
10412.0	0.0000961	10364.41211	10422.04688
10299.0	0.0000980	10362.86914	10420.06152
10504.0	0.0000961	10361.32715	10418.32520
10345.0	0.0000961	10359.78613	10416.82227
10308.0	0.0000961	10358.24512	10415.53906
10356.0	0.0000961	10356.70605	10414.46777
10457.0	0.0000961	10355.16797	10413.60547
10533.0	0.0000943	10353.62988	10412.94727
10504.0	0.0000961	10352.09375	10413.31934
10366.0	0.0000961	10350.55859	10413.08887
10407.0	0.0000961	10349.02441	10413.07520
10401.0	0.0000961	10347.49121	10413.29199
10559.0	0.0000943	10345.95898	10413.74609
10442.0	0.0000961	10344.42773	10414.45508
10443.0	0.0000961	10342.89746	10415.44141
10498.0	0.0000961	10341.36914	10416.72656
10607.0	0.0000943	10339.84082	10418.33789

10274.0	0.0000980	10338.31445	10420.84863
10495.0	0.0000961	10336.78809	10423.23145
10414.0	0.0000961	10335.26367	10426.06250
10367.0	0.0000961	10333.74023	10429.40332
10322.0	0.0000961	10332.21875	10433.32031
10504.0	0.0000961	10330.69727	10437.89453
10566.0	0.0000943	10329.17676	10443.22754
10404.0	0.0000961	10327.65820	10449.43750
10381.0	0.0000961	10326.14063	10456.67285
10392.0	0.0000961	10324.62402	10465.11133
10442.0	0.0000961	10323.10840	10474.97852
10618.0	0.0000943	10321.59473	10486.54980
10443.0	0.0000961	10320.08105	10500.17480
10531.0	0.0000943	10318.56934	10516.30176
10668.0	0.0000943	10317.05859	10535.50488
10540.0	0.0000943	10315.54883	10558.56055
10654.0	0.0000943	10314.04102	10586.54199
10638.0	0.0000943	10312.53418	10621.00879
10561.0	0.0000943	10311.02832	10664.41016
10724.0	0.0000925	10309.52344	10720.72070
10831.0	0.0000925	10308.02051	10796.47070
10831.0	0.0000925	10306.51855	10902.08594
11243.0	0.0000890	10305.01855	11053.09473
11234.0	0.0000890	10303.51855	11270.47266
11596.0	0.0000857	10302.02051	11579.03320
11995.0	0.0000826	10300.52344	12002.79004
12091.0	0.0000826	10299.02832	12555.99316
12922.0	0.0000769	10297.53418	13226.08887
13537.0	0.0000743	10296.04102	13943.11230
13946.0	0.0000718	10294.54980	14552.25879
14447.0	0.0000694	10293.05957	14857.19824
14458.0	0.0000694	10291.57031	14776.02539
14112.0	0.0000706	10290.08301	14375.41699
13776.0	0.0000731	10288.59668	13773.97949
13079.0	0.0000769	10287.11133	13101.66113
12423.0	0.0000812	10285.62793	12473.61035
12153.0	0.0000826	10284.14648	11952.85840
11663.0	0.0000857	10282.66602	11553.03711
11327.0	0.0000890	10281.18652	11261.16309
11139.0	0.0000890	10279.70801	11054.80371
11090.0	0.0000907	10278.23145	10911.10938
11042.0	0.0000907	10276.75684	10810.90918
10709.0	0.0000943	10275.28223	10739.94238
10763.0	0.0000925	10273.81055	10688.51465
10842.0	0.0000925	10272.33887	10650.44922
10726.0	0.0000925	10270.87012	10621.96094
10594.0	0.0000943	10269.40234	10600.75293
10703.0	0.0000943	10267.93555	10586.71289
10609.0	0.0000943	10266.47070	10576.44238
10409.0	0.0000961	10265.00684	10570.72461
10564.0	0.0000943	10263.54492	10569.36230
10550.0	0.0000943	10262.08398	10572.44238
10638.0	0.0000943	10260.62500	10580.36719
10593.0	0.0000943	10259.16699	10593.95410

10513.0	0.0000943	10257.71094	10614.54297
10676.0	0.0000943	10256.25586	10644.11621
10866.0	0.0000925	10254.80273	10685.35938
10696.0	0.0000943	10253.35156	10741.59375
10786.0	0.0000925	10251.90137	10816.50586
10877.0	0.0000925	10250.45215	10913.60254
11060.0	0.0000907	10249.00488	11035.20703
11121.0	0.0000907	10247.55957	11180.54199
11299.0	0.0000890	10246.11621	11342.09863
11574.0	0.0000857	10244.67383	11500.74414
11773.0	0.0000842	10243.23242	11625.61523
11846.0	0.0000842	10241.79297	11690.00684
11913.0	0.0000842	10240.35547	11696.77539
12017.0	0.0000826	10238.91895	11681.31445
11887.0	0.0000842	10237.48438	11688.24414
11976.0	0.0000842	10236.05176	11753.36328
12215.0	0.0000812	10234.62012	11901.66602
12314.0	0.0000812	10233.19043	12150.50977
12445.0	0.0000797	10231.76270	12510.18555
12806.0	0.0000783	10230.33594	12979.33691
13016.0	0.0000769	10228.91113	13532.76465
13484.0	0.0000743	10227.48828	14100.68750
13750.0	0.0000731	10226.06641	14555.20313
13884.0	0.0000718	10224.64648	14748.30957
14133.0	0.0000706	10223.22852	14610.61035
13829.0	0.0000718	10221.81152	14200.25391
13610.0	0.0000731	10220.39648	13637.31152
12904.0	0.0000769	10218.98340	13033.68262
12542.0	0.0000797	10217.57129	12470.70020
11994.0	0.0000826	10216.16113	11991.67773
11788.0	0.0000842	10214.75293	11608.08008
11498.0	0.0000873	10213.34570	11313.24414
11201.0	0.0000890	10211.94141	11092.67578
10954.0	0.0000907	10210.53809	10929.87695
10990.0	0.0000907	10209.13672	10809.57910
10866.0	0.0000925	10207.73633	10719.34570
10796.0	0.0000925	10206.33887	10649.96875
10639.0	0.0000943	10204.94238	10595.08008
10666.0	0.0000943	10203.54785	10550.49023
10566.0	0.0000943	10202.15430	10513.45605
10545.0	0.0000943	10200.76367	10482.18262
10504.0	0.0000961	10199.37402	10455.43066
10517.0	0.0000943	10197.98633	10434.69336
10560.0	0.0000943	10196.60059	10414.57813
10559.0	0.0000943	10195.21582	10396.92773
10355.0	0.0000961	10193.83398	10381.33984
10538.0	0.0000943	10192.45313	10367.49316
10369.0	0.0000961	10191.07422	10355.12305
10553.0	0.0000943	10189.69727	10344.02344
10403.0	0.0000961	10188.32227	10334.01172
10282.0	0.0000980	10186.94824	10324.95215
10350.0	0.0000961	10185.57617	10316.71191
10465.0	0.0000961	10184.20703	10309.19922
10516.0	0.0000943	10182.83887	10302.32520

10450.0	0.0000961	10181.47168	10296.01563
10380.0	0.0000961	10180.10742	10290.21387
10289.0	0.0000980	10178.74512	10284.86426
10373.0	0.0000961	10177.38477	10279.92383
10411.0	0.0000961	10176.02539	10275.35156
10377.0	0.0000961	10174.66797	10271.11523
10328.0	0.0000961	10173.31250	10267.19043
10269.0	0.0000980	10171.95898	10263.54883
10311.0	0.0000961	10170.60742	10260.16895
10290.0	0.0000980	10169.25781	10257.03809
10247.0	0.0000980	10167.91016	10254.13574
10417.0	0.0000961	10166.56348	10251.45215
10249.0	0.0000980	10165.21973	10248.97266
10146.0	0.0000980	10163.87695	10246.69238
10433.0	0.0000961	10162.53711	10244.60352
10426.0	0.0000961	10161.19824	10242.70020
10353.0	0.0000961	10159.86133	10240.97852
10466.0	0.0000961	10158.52637	10239.43457
10302.0	0.0000980	10157.19336	10238.07422
10329.0	0.0000961	10155.86230	10236.88965
10287.0	0.0000980	10154.53418	10235.88672
10270.0	0.0000980	10153.20703	10237.27539
10452.0	0.0000961	10151.88086	10236.66895
10186.0	0.0000980	10150.55762	10236.26660
10247.0	0.0000980	10149.23633	10236.06738
10303.0	0.0000961	10147.91699	10236.08301
10339.0	0.0000961	10146.59961	10236.33301
10366.0	0.0000961	10145.28320	10236.82324
10389.0	0.0000961	10143.96973	10237.58008
10398.0	0.0000961	10142.65820	10238.62207
10207.0	0.0000980	10141.34863	10240.29688
10340.0	0.0000961	10140.04004	10242.00684
10210.0	0.0000980	10138.73438	10244.08887
10312.0	0.0000961	10137.43066	10249.54297
10364.0	0.0000961	10136.12793	10252.53809
10365.0	0.0000961	10134.82813	10256.05371
10296.0	0.0000980	10133.53027	10260.16211
10346.0	0.0000961	10132.23438	10264.93848
10448.0	0.0000961	10130.93945	10270.47754
10389.0	0.0000961	10129.64746	10282.23633
10339.0	0.0000961	10128.35742	10289.73730
10431.0	0.0000961	10127.06934	10298.42578
10353.0	0.0000961	10125.78320	10308.50684
10501.0	0.0000961	10124.49902	10320.24414
10398.0	0.0000961	10123.21680	10333.95117
10355.0	0.0000961	10121.93652	10350.02832
10324.0	0.0000961	10120.65820	10368.98926
10468.0	0.0000961	10119.38184	10391.50586
10360.0	0.0000961	10118.10742	10418.47168
10391.0	0.0000961	10116.83594	10451.15625
10490.0	0.0000961	10115.56543	10491.48145
10584.0	0.0000943	10114.29688	10542.51758
10650.0	0.0000943	10113.03125	10609.38672
10696.0	0.0000943	10111.76660	10700.53711

10812.0	0.0000925	10110.50488	10830.60254
11004.0	0.0000907	10109.24512	11016.21094
11216.0	0.0000890	10107.98730	11283.44043
11574.0	0.0000857	10106.73047	11659.32129
12004.0	0.0000826	10105.47656	12166.29785
12946.0	0.0000769	10104.22461	12810.74414
14141.0	0.0000706	10102.97559	13563.60840
15233.0	0.0000661	10101.72754	14329.58887
16364.0	0.0000610	10100.48242	14928.47363
16416.0	0.0000610	10099.23828	15163.90820
15888.0	0.0000630	10097.99707	14967.94727
14766.0	0.0000672	10096.75684	14450.78125
13923.0	0.0000718	10095.51953	13788.30176
13312.0	0.0000756	10094.28418	13156.53809
12606.0	0.0000797	10093.05078	12654.57031
12246.0	0.0000812	10091.81934	12317.00977
12028.0	0.0000826	10090.59082	12136.73730
11992.0	0.0000826	10089.36328	12078.63184
11877.0	0.0000842	10088.13867	12082.10547
11912.0	0.0000842	10086.91602	12066.20215
11881.0	0.0000842	10085.69531	11962.49805
11798.0	0.0000842	10084.47656	11762.04004
11330.0	0.0000890	10083.25977	11510.47070
11198.0	0.0000890	10082.04492	11258.84668
10763.0	0.0000925	10080.83301	11036.71289
10595.0	0.0000943	10079.62207	10854.56055
10547.0	0.0000943	10078.41406	10712.33594
10308.0	0.0000961	10077.20801	10605.00000
10483.0	0.0000961	10076.00391	10525.62109
10393.0	0.0000961	10074.80176	10467.21777
10277.0	0.0000980	10073.60254	10423.83789
10452.0	0.0000961	10072.40430	10390.93359
10319.0	0.0000961	10071.20898	10365.34570
10265.0	0.0000980	10070.01563	10344.97852
10464.0	0.0000961	10068.82422	10328.50781
10332.0	0.0000961	10067.63574	10315.07422
10148.0	0.0000980	10066.44824	10304.11230
10235.0	0.0000980	10065.26367	10295.24609
10225.0	0.0000980	10064.08008	10288.20215
10452.0	0.0000961	10062.89941	10282.78711
10290.0	0.0000980	10061.72168	10278.87012
10382.0	0.0000961	10060.54492	10276.37109
10568.0	0.0000943	10059.37109	10275.24805
10382.0	0.0000961	10058.19922	10275.49121
10419.0	0.0000961	10057.02930	10277.14453
10092.0	0.0001000	10055.86133	10280.28809
10283.0	0.0000980	10054.69531	10285.04785
10392.0	0.0000961	10053.53223	10291.60547
10323.0	0.0000961	10052.37012	10300.21191
10387.0	0.0000961	10051.21191	10311.20508
10389.0	0.0000961	10050.05469	10325.05664
10402.0	0.0000961	10048.89941	10342.43457
10381.0	0.0000961	10047.74707	10364.32715
10511.0	0.0000943	10046.59668	10392.25781

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10443.0	0.0000961	10044.30176	10477.54297
10504.0	0.0000961	10043.15723	10544.98242
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11158.0	0.0000890	10038.60352	11221.43262
11441.0	0.0000873	10037.46973	11559.28027
11570.0	0.0000857	10036.33887	11978.26367
12049.0	0.0000826	10035.20996	12458.51172
12524.0	0.0000797	10034.08398	12940.81152
13033.0	0.0000769	10032.95898	13311.08789
13162.0	0.0000756	10031.83691	13432.77441
13295.0	0.0000756	10030.71680	13250.19629
13075.0	0.0000769	10029.59863	12845.11230
12326.0	0.0000812	10028.48340	12356.27930
12035.0	0.0000826	10027.36914	11886.35645
11686.0	0.0000857	10026.25781	11484.46387
11338.0	0.0000890	10025.14941	11164.78223
11121.0	0.0000907	10024.04199	10923.39844
11044.0	0.0000907	10022.93750	10748.03418
10882.0	0.0000925	10021.83496	10623.74219
10641.0	0.0000943	10020.73438	10536.41895
10579.0	0.0000943	10019.63574	10474.60059
10357.0	0.0000961	10018.54004	10429.93555
10276.0	0.0000980	10017.44629	10396.82031
10396.0	0.0000961	10016.35449	10371.69922
10268.0	0.0000980	10015.26563	10352.37109
10165.0	0.0000980	10014.17773	10337.46094
10309.0	0.0000961	10013.09277	10324.44629
10555.0	0.0000943	10012.00977	10316.01855
10126.0	0.0000980	10010.92969	10310.11719
10300.0	0.0000980	10009.85156	10306.44141
10231.0	0.0000980	10008.77441	10304.78809
10343.0	0.0000961	10007.70117	10305.03320
10119.0	0.0000980	10006.62891	10307.09180
10329.0	0.0000961	10005.55957	10310.94629
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10308.0	0.0000961	10002.36426	10333.80371
10307.0	0.0000961	10001.30273	10345.61914
10212.0	0.0000980	10000.24414	10359.90723
10490.0	0.0000961	9999.18848	10374.80469
10479.0	0.0000961	9998.13379	10395.19824
9959.0	0.0001000	9997.08203	10419.47656
10147.0	0.0000980	9996.03223	10448.49902
10424.0	0.0000961	9994.98535	10483.49023
10392.0	0.0000961	9993.93945	10526.22363
10510.0	0.0000943	9992.89648	10579.30859
10481.0	0.0000961	9991.85547	10646.52930
10880.0	0.0000925	9990.81738	10733.23438
10792.0	0.0000925	9989.78027	10846.64258
11122.0	0.0000907	9988.74609	10995.92578
11347.0	0.0000873	9987.71387	11191.88379

11302.0	0.0000890	9986.68457	11446.00977
11777.0	0.0000842	9985.65723	11768.78906
11957.0	0.0000842	9984.63184	12166.80273
12292.0	0.0000812	9983.60840	12637.67773
12408.0	0.0000812	9982.58789	13160.87109
12825.0	0.0000783	9981.56836	13683.66602
13376.0	0.0000743	9980.55176	14111.02832
13664.0	0.0000731	9979.53809	14325.76074
13937.0	0.0000718	9978.52637	14255.00586
13652.0	0.0000731	9977.51563	13928.38086
13320.0	0.0000756	9976.50879	13453.09180
12787.0	0.0000783	9975.50293	12939.85352
12803.0	0.0000783	9974.50000	12460.52148
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10767.0	0.0000925	9963.61035	10877.11816
10749.0	0.0000925	9962.63379	10897.41016
10892.0	0.0000925	9961.65918	10930.86719
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10387.0	0.0000961	9958.74902	11132.41309
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11947.0	0.0000842	9953.94336	12366.84375
12481.0	0.0000797	9952.98926	12918.10254
13308.0	0.0000756	9952.03711	13615.18555
14582.0	0.0000683	9951.08691	14449.38086
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18172.0	0.0000549	9947.30762	17126.18164
17649.0	0.0000565	9946.36914	16957.87695
17404.0	0.0000574	9945.43164	16597.52148
17241.0	0.0000583	9944.49707	16287.46582
16867.0	0.0000592	9943.56445	16195.52051
17364.0	0.0000574	9942.63477	16408.45313
17671.0	0.0000565	9941.70605	16950.57031
18936.0	0.0000525	9940.78027	17788.41797
19924.0	0.0000503	9939.85645	18830.24414
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23194.0	0.0000433	9937.09863	21869.03516
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24239.0	0.0000411	9931.64160	24838.42383
24407.0	0.0000411	9930.74023	24970.67383
23713.0	0.0000422	9929.84082	24300.83203
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21086.0	0.0000476	9928.04785	21049.01367
19018.0	0.0000525	9927.15527	19205.99414
17677.0	0.0000565	9926.26367	17574.99609
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15824.0	0.0000630	9918.34375	14654.31152
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16393.0	0.0000610	9916.60840	15031.79785
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21761.0	0.0000457	9907.21387	22420.30273
21337.0	0.0000469	9906.37305	21523.68359
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11327.0	0.0000890	9897.26270	11393.87695
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9578.0	0.0001041	9669.28027	9695.47949
9714.0	0.0001020	9669.08496	9695.04980
9663.0	0.0001041	9668.89063	9694.65137
9607.0	0.0001041	9668.69531	9694.30078
9753.0	0.0001020	9668.50098	9694.00391
9730.0	0.0001020	9668.30566	9693.77930
9638.0	0.0001041	9668.11133	9693.65137
9690.0	0.0001041	9667.91699	9693.64746
9682.0	0.0001041	9667.72168	9693.78809
9613.0	0.0001041	9667.52734	9695.01172
9816.0	0.0001020	9667.33203	9695.50586
9683.0	0.0001041	9667.13770	9696.14648
9778.0	0.0001020	9666.94238	9696.87598
9618.0	0.0001041	9666.74805	9697.57227
9642.0	0.0001041	9666.55273	9698.04688
9692.0	0.0001041	9666.35840	9698.10352
9599.0	0.0001041	9666.16309	9697.64355
9691.0	0.0001041	9665.96875	9696.86035
9839.0	0.0001020	9665.77344	9695.73926
9761.0	0.0001020	9665.57813	9694.57324
9784.0	0.0001020	9665.38379	9693.48926
9776.0	0.0001020	9665.18848	9692.55273
9696.0	0.0001041	9664.99316	9691.78711
9515.0	0.0001041	9664.79785	9691.18848
9594.0	0.0001041	9664.60352	9690.74316
9593.0	0.0001041	9664.40820	9690.41992
9810.0	0.0001020	9664.21289	9690.19043
9551.0	0.0001041	9664.01758	9690.04199
9678.0	0.0001041	9663.82227	9689.94531
9604.0	0.0001041	9663.62695	9689.89453

9602.0	0.0001041	9663.43164	9689.88086
9591.0	0.0001041	9663.23633	9689.89746
9492.0	0.0001063	9663.04102	9689.94336
9729.0	0.0001020	9662.84473	9690.02051
9701.0	0.0001041	9662.64941	9690.12500
9594.0	0.0001041	9662.45410	9690.25781
9706.0	0.0001020	9662.25781	9690.41797
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9606.0	0.0001041	9661.67090	9691.08496
9686.0	0.0001041	9661.47461	9691.37305
9667.0	0.0001041	9661.27832	9691.69434
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9688.0	0.0001041	9660.88574	9692.45313
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9674.0	0.0001041	9660.49316	9694.55566
9698.0	0.0001041	9660.29688	9695.10254
9750.0	0.0001020	9660.10059	9694.64844
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9728.0	0.0001020	9659.70703	9696.02637
9714.0	0.0001020	9659.50977	9696.80859
9881.0	0.0001020	9659.31348	9697.65234
9721.0	0.0001020	9659.11621	9698.57031
9420.0	0.0001063	9658.91895	9699.56836
9748.0	0.0001020	9658.72168	9700.65039
9577.0	0.0001041	9658.52441	9701.82422
9672.0	0.0001041	9658.32715	9703.10059
9428.0	0.0001063	9658.12891	9704.48535
9911.0	0.0001000	9657.93164	9705.99414
9879.0	0.0001020	9657.73340	9707.63281
9729.0	0.0001020	9657.53613	9709.42383
9691.0	0.0001041	9657.33789	9711.37402
9744.0	0.0001020	9657.13965	9713.50586
9585.0	0.0001041	9656.94141	9715.84180
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9726.0	0.0001020	9656.54492	9721.21680
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9657.0	0.0001041	9656.14746	9727.73438
9751.0	0.0001020	9655.94824	9731.52051
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9608.0	0.0001041	9655.55078	9740.40430
9716.0	0.0001020	9655.35156	9745.63770
9864.0	0.0001020	9655.15234	9751.51660
9664.0	0.0001041	9654.95215	9758.14844
9872.0	0.0001020	9654.75293	9765.68359
9763.0	0.0001020	9654.55273	9774.30469
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9804.0	0.0001020	9653.55176	9846.75781
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10069.0	0.0001000	9652.95020	9945.65527

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11312.0	0.0000890	9651.13379	11164.29590
11482.0	0.0000873	9650.93164	11358.27539
11572.0	0.0000857	9650.72852	11510.60449
11673.0	0.0000857	9650.52637	11597.97461
11605.0	0.0000857	9650.32324	11610.51563
11568.0	0.0000857	9650.11914	11556.77539
11484.0	0.0000873	9649.91602	11456.58008
11200.0	0.0000890	9649.71289	11328.68359
11072.0	0.0000907	9649.50879	11184.07910
10894.0	0.0000925	9649.30469	11029.81641
10593.0	0.0000943	9649.10059	10874.77344
10425.0	0.0000961	9648.89648	10730.59082
10452.0	0.0000961	9648.69238	10607.65918
10332.0	0.0000961	9648.48730	10511.85352
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10185.0	0.0000980	9646.84277	10232.75586
10107.0	0.0000980	9646.63672	10182.89160
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10126.0	0.0000980	9646.22363	10098.56836
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9650.0	0.0001041	9645.60156	10070.75879
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10264.0	0.0000980	9644.35254	10531.37891
10526.0	0.0000943	9644.14453	10647.84082
10608.0	0.0000943	9643.93457	10744.67285
10769.0	0.0000925	9643.72559	10802.70410
10803.0	0.0000925	9643.51660	10811.78809
10934.0	0.0000907	9643.30664	10778.63867
10901.0	0.0000925	9643.09668	10722.66309
10449.0	0.0000961	9642.88672	10664.76172
10506.0	0.0000961	9642.67578	10620.11523
10540.0	0.0000943	9642.46582	10596.79785
10736.0	0.0000925	9642.25488	10596.65332
10723.0	0.0000925	9642.04395	10615.85059
10926.0	0.0000907	9641.83203	10645.06445

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10313.0	0.0000961	9640.13379	10229.81445
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9874.0	0.0001020	9639.27930	9974.69238
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9844.0	0.0001020	9638.63574	9882.51953
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9857.0	0.0001020	9638.20605	9843.47656
9835.0	0.0001020	9637.99023	9827.71973
9289.0	0.0001085	9637.77441	9814.11816
9682.0	0.0001041	9637.55859	9802.52637
9761.0	0.0001020	9637.34277	9792.80371
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9627.0	0.0001041	9636.47559	9768.41602
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9468.0	0.0001063	9635.60449	9764.34668
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9644.0	0.0001041	9635.16699	9768.13477
9592.0	0.0001041	9634.94824	9771.49609
9687.0	0.0001041	9634.72852	9775.92969
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9747.0	0.0001020	9633.62988	9821.18652
9733.0	0.0001020	9633.40918	9838.29102
9549.0	0.0001041	9633.18750	9860.82129
9826.0	0.0001020	9632.96680	9891.41895
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11680.0	0.0000857	9630.96387	11411.82910
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10746.0	0.0000925	9628.94043	10968.72754
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10455.0	0.0000961	9591.73730	10212.59668
10394.0	0.0000961	9591.47168	10157.29102
10362.0	0.0000961	9591.20605	10092.42480
10259.0	0.0000980	9590.93945	10025.55566
10019.0	0.0001000	9590.67383	9961.81738
9994.0	0.0001000	9590.40723	9904.14160
9877.0	0.0001020	9590.13965	9853.91797

9794.0	0.0001020	9589.87305	9811.48438
9838.0	0.0001020	9589.60547	9776.52734
9752.0	0.0001020	9589.33789	9748.30371
9580.0	0.0001041	9589.07031	9725.86621
9749.0	0.0001020	9588.80273	9708.19141
9687.0	0.0001041	9588.53418	9694.30762
9662.0	0.0001041	9588.26660	9683.36328
9681.0	0.0001041	9587.99805	9674.63965
9628.0	0.0001041	9587.72852	9667.57715
9603.0	0.0001041	9587.45996	9661.75586
9778.0	0.0001020	9587.19043	9656.86816
9644.0	0.0001041	9586.92188	9651.84180
9581.0	0.0001041	9586.65137	9648.22949
9684.0	0.0001041	9586.38184	9645.06641
9612.0	0.0001041	9586.11230	9642.27637
9558.0	0.0001041	9585.84180	9639.78906
9574.0	0.0001041	9585.57129	9637.57129
9659.0	0.0001041	9585.30078	9635.58301
9612.0	0.0001041	9585.03027	9633.79883
9615.0	0.0001041	9584.75879	9632.19434
9566.0	0.0001041	9584.48828	9630.75586
9671.0	0.0001041	9584.21680	9629.46289
9442.0	0.0001063	9583.94531	9628.30762
9580.0	0.0001041	9583.67285	9627.27344
9493.0	0.0001063	9583.40137	9626.00195
9497.0	0.0001063	9583.12891	9625.19727
9580.0	0.0001041	9582.85645	9624.49805
9873.0	0.0001020	9582.58398	9623.90137
9691.0	0.0001041	9582.31152	9623.39844
9577.0	0.0001041	9582.03809	9622.98730
9585.0	0.0001041	9581.76563	9622.67285
9499.0	0.0001063	9581.49219	9622.45020
9639.0	0.0001041	9581.21875	9622.32129
9514.0	0.0001041	9580.94434	9622.28906
9657.0	0.0001041	9580.67090	9622.35645
9439.0	0.0001063	9580.39648	9622.52441
9727.0	0.0001020	9580.12305	9622.80371
9684.0	0.0001041	9579.84863	9623.19824
9638.0	0.0001041	9579.57324	9624.00586
9645.0	0.0001041	9579.29883	9624.65723
9566.0	0.0001041	9579.02441	9625.45313
9712.0	0.0001020	9578.74902	9626.40820
9579.0	0.0001041	9578.47363	9627.53711
9580.0	0.0001041	9578.19824	9628.86133
9507.0	0.0001041	9577.92285	9630.40430
9602.0	0.0001041	9577.64648	9632.19141
9608.0	0.0001041	9577.37109	9634.26270
9546.0	0.0001041	9577.09473	9636.65234
9541.0	0.0001041	9576.81836	9639.41699
9666.0	0.0001041	9576.54199	9642.62109
9810.0	0.0001020	9576.26563	9646.35156
9669.0	0.0001041	9575.98828	9650.73340
9674.0	0.0001041	9575.71191	9655.94141
9660.0	0.0001041	9575.43457	9662.23535

9666.0	0.0001041	9575.15723	9669.99902
9574.0	0.0001041	9574.87988	9679.79395
9751.0	0.0001020	9574.60254	9692.43848
9817.0	0.0001020	9574.32422	9709.12598
9695.0	0.0001041	9574.04688	9731.21484
9696.0	0.0001041	9573.76855	9760.65039
9680.0	0.0001041	9573.49023	9799.66504
9730.0	0.0001020	9573.21191	9850.70605
9886.0	0.0001020	9572.93359	9916.26270
9866.0	0.0001020	9572.65527	9998.44922
10053.0	0.0001000	9572.37598	10098.48438
10124.0	0.0000980	9572.09766	10215.95215
10151.0	0.0000980	9571.81836	10347.18359
10310.0	0.0000961	9571.53906	10485.49219
10358.0	0.0000961	9571.25977	10621.66309
10333.0	0.0000961	9570.98047	10746.92773
10454.0	0.0000961	9570.70020	10854.36621
10600.0	0.0000943	9570.42090	10935.95313
10674.0	0.0000943	9570.14063	10979.70508
10655.0	0.0000943	9569.86035	10971.08887
10635.0	0.0000943	9569.58105	10903.37598
10479.0	0.0000961	9569.30078	10784.89160
10250.0	0.0000980	9569.01953	10635.42188
9989.0	0.0001000	9568.73926	10476.79688
10033.0	0.0001000	9568.45898	10324.08496
10070.0	0.0001000	9568.17773	10187.76074
10069.0	0.0001000	9567.89746	10073.18555
9926.0	0.0001000	9567.61621	9981.26953
9883.0	0.0001020	9567.33496	9911.75879
9855.0	0.0001020	9567.05371	9862.74707
9837.0	0.0001020	9566.77246	9831.79102
9823.0	0.0001020	9566.49121	9816.66309
9913.0	0.0001000	9566.20898	9814.44434
9882.0	0.0001020	9565.92773	9823.62012
9913.0	0.0001000	9565.64551	9842.57324
10096.0	0.0001000	9565.36328	9869.72949
9799.0	0.0001020	9565.08105	9903.17578
10145.0	0.0000980	9564.79883	9940.23535
10215.0	0.0000980	9564.51660	9976.94727
10111.0	0.0000980	9564.23438	10007.82031
10111.0	0.0000980	9563.95215	10025.51563
10318.0	0.0000961	9563.66992	10026.85254
10131.0	0.0000980	9563.38672	10009.55664
10101.0	0.0000980	9563.10449	9976.87988
10243.0	0.0000980	9562.82129	9935.46973
10188.0	0.0000980	9562.53809	9889.65625
10156.0	0.0000980	9562.25488	9844.60742
9983.0	0.0001000	9561.97168	9803.08789
9633.0	0.0001041	9561.68848	9766.56836
9902.0	0.0001000	9561.40527	9735.62402
9932.0	0.0001000	9561.12207	9710.21875
9631.0	0.0001041	9560.83789	9689.91699
9682.0	0.0001041	9560.55469	9674.04688
9840.0	0.0001020	9560.27148	9661.85645

9736.0	0.0001020	9559.98730	9652.59473
9506.0	0.0001041	9559.70313	9645.59961
9926.0	0.0001000	9559.41992	9640.31934
9588.0	0.0001041	9559.13574	9636.33008
9832.0	0.0001020	9558.85156	9633.30762
9582.0	0.0001041	9558.56738	9631.03906
9711.0	0.0001020	9558.28320	9629.36719
9506.0	0.0001041	9557.99902	9628.08301
9517.0	0.0001041	9557.71387	9627.33691
9863.0	0.0001020	9557.42969	9626.98633
9716.0	0.0001020	9557.14551	9627.00586
9585.0	0.0001041	9556.86035	9627.38379
9740.0	0.0001020	9556.57617	9628.12500
9612.0	0.0001041	9556.29102	9629.23535
9561.0	0.0001041	9556.00684	9630.74219
9646.0	0.0001041	9555.72168	9632.66895
9717.0	0.0001020	9555.43652	9635.06152
9415.0	0.0001063	9555.15234	9637.98047
9794.0	0.0001020	9554.86719	9641.50684
9685.0	0.0001041	9554.58203	9645.75879
9574.0	0.0001041	9554.29688	9650.90234
9722.0	0.0001020	9554.01172	9657.15723
9712.0	0.0001020	9553.72656	9664.84180
9742.0	0.0001020	9553.44141	9674.35938
9471.0	0.0001063	9553.15625	9686.26270
9938.0	0.0001000	9552.87012	9701.23438
9712.0	0.0001020	9552.58496	9720.12402
9814.0	0.0001020	9552.29980	9743.89551
9837.0	0.0001020	9552.01465	9773.62109
9842.0	0.0001020	9551.72852	9810.39355
9793.0	0.0001020	9551.44336	9855.21680
9904.0	0.0001000	9551.15820	9908.87207
9871.0	0.0001020	9550.87207	9971.74023
10317.0	0.0000961	9550.58691	10043.55566
9907.0	0.0001000	9550.30078	10121.70605
10323.0	0.0000961	9550.01563	10206.18262
10359.0	0.0000961	9549.72949	10290.81641
10396.0	0.0000961	9549.44434	10368.26074
10454.0	0.0000961	9549.15820	10429.01270
10403.0	0.0000961	9548.87207	10463.46582
10500.0	0.0000961	9548.58691	10465.47656
10546.0	0.0000943	9548.30078	10435.34473
10645.0	0.0000943	9548.01465	10379.74121
10679.0	0.0000943	9547.72949	10309.31934
10356.0	0.0000961	9547.44336	10232.54688
10033.0	0.0001000	9547.15723	10157.67090
10220.0	0.0000980	9546.87207	10089.84570
10171.0	0.0000980	9546.58594	10032.19727
9943.0	0.0001000	9546.29980	9986.40625
10281.0	0.0000980	9546.01367	9953.16504
9772.0	0.0001020	9545.72852	9932.45313
10037.0	0.0001000	9545.44238	9923.70508
9972.0	0.0001000	9545.15625	9925.88574
9838.0	0.0001020	9544.87012	9937.44824

9727.0	0.0001020	9544.58496	9956.25000
9862.0	0.0001020	9544.29883	9979.53027
9762.0	0.0001020	9544.01270	10004.32324
9760.0	0.0001020	9543.72754	10028.34668
9833.0	0.0001020	9543.44141	10050.93848
9758.0	0.0001020	9543.15527	10072.97754
9950.0	0.0001000	9542.87012	10095.74219
10046.0	0.0001000	9542.58398	10119.41992
10104.0	0.0000980	9542.29785	10142.09570
9984.0	0.0001000	9542.01270	10159.59668
10344.0	0.0000961	9541.72656	10166.41602
10415.0	0.0000961	9541.44141	10158.05469
10114.0	0.0000980	9541.15527	10133.54590
10257.0	0.0000980	9540.87012	10096.23145
10321.0	0.0000961	9540.58398	10052.06250
10079.0	0.0001000	9540.29883	10007.15039
10032.0	0.0001000	9540.01270	9966.27539
9907.0	0.0001000	9539.72754	9932.62695
9995.0	0.0001000	9539.44238	9908.05957
9750.0	0.0001020	9539.15625	9893.44824
9828.0	0.0001020	9538.87109	9889.08301
10042.0	0.0001000	9538.58594	9894.01855
9933.0	0.0001000	9538.30078	9907.25781
9922.0	0.0001000	9538.01563	9926.91211
10051.0	0.0001000	9537.73047	9950.27344
10248.0	0.0000980	9537.44531	9973.78906
9998.0	0.0001000	9537.16016	9993.48438
10273.0	0.0000980	9536.87500	10006.05273
9737.0	0.0001020	9536.58984	10010.21289
9987.0	0.0001000	9536.30469	10007.36328
9956.0	0.0001000	9536.01953	10000.84570
10137.0	0.0000980	9535.73535	9994.41406
9954.0	0.0001000	9535.45020	9991.01953
9840.0	0.0001020	9535.16602	9992.22461
9803.0	0.0001020	9534.88086	9997.93848
9981.0	0.0001000	9534.59668	10006.85156
9927.0	0.0001000	9534.31152	10015.74219
10160.0	0.0000980	9534.02734	10020.36328
10040.0	0.0001000	9533.74316	10016.38477
10139.0	0.0000980	9533.45898	10001.08887
9598.0	0.0001041	9533.17480	9974.59180
9759.0	0.0001020	9532.89063	9939.60156
10190.0	0.0000980	9532.60645	9899.98926
9873.0	0.0001020	9532.32227	9859.35059
9806.0	0.0001020	9532.03809	9820.31250
9648.0	0.0001041	9531.75488	9784.50488
9658.0	0.0001041	9531.47070	9752.77539
9565.0	0.0001041	9531.18750	9725.43652
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9532.0	0.0001041	9530.62012	9683.49414
9287.0	0.0001085	9530.33691	9668.18555
9763.0	0.0001020	9530.05371	9656.01758
9796.0	0.0001020	9529.77051	9646.48438
9780.0	0.0001020	9529.48730	9639.10547

9609.0	0.0001041	9529.20410	9633.46484
9567.0	0.0001041	9528.92090	9628.88379
9601.0	0.0001041	9528.63867	9625.73242
9622.0	0.0001041	9528.35547	9623.46680
9703.0	0.0001020	9528.07324	9621.94434
9607.0	0.0001041	9527.79102	9621.04297
9762.0	0.0001020	9527.50879	9620.69824
9708.0	0.0001020	9527.22559	9620.86426
9623.0	0.0001041	9526.94434	9621.51855
9574.0	0.0001041	9526.66211	9622.66797
9672.0	0.0001041	9526.37988	9624.31445
9559.0	0.0001041	9526.09863	9626.50195
9831.0	0.0001020	9525.81641	9629.28906
9733.0	0.0001020	9525.53516	9632.77344
9766.0	0.0001020	9525.25391	9637.08398
9580.0	0.0001041	9524.97266	9642.40430
9781.0	0.0001020	9524.69141	9648.98730
9299.0	0.0001085	9524.41016	9657.14746
9572.0	0.0001041	9524.12891	9667.26367
9667.0	0.0001041	9523.84863	9679.78125
9653.0	0.0001041	9523.56836	9695.15918
9651.0	0.0001041	9523.28711	9713.85156
9751.0	0.0001020	9523.00684	9736.23535
9518.0	0.0001041	9522.72656	9762.56445
9614.0	0.0001041	9522.44727	9792.87598
9659.0	0.0001041	9522.16699	9826.91797
9717.0	0.0001020	9521.88672	9864.01660
9815.0	0.0001020	9521.60742	9902.97363
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9991.0	0.0001000	9520.76953	10014.55762
10158.0	0.0000980	9520.49023	10048.84863
10134.0	0.0000980	9520.21191	10086.66797
10117.0	0.0000980	9519.93262	10133.90234
10235.0	0.0000980	9519.65430	10197.40234
10226.0	0.0000980	9519.37598	10282.85449
10340.0	0.0000961	9519.09766	10395.00488
10410.0	0.0000961	9518.82031	10536.99121
10575.0	0.0000943	9518.54199	10709.13281
10736.0	0.0000925	9518.26465	10910.00488
10962.0	0.0000907	9517.98730	11132.06348
11116.0	0.0000907	9517.70898	11363.11230
11472.0	0.0000873	9517.43262	11586.81934
11805.0	0.0000842	9517.15527	11785.87500
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12144.0	0.0000826	9516.60156	12054.98730
12148.0	0.0000826	9516.32520	12108.54297
12021.0	0.0000826	9516.04883	12105.22070
11882.0	0.0000842	9515.77344	12047.62012
11667.0	0.0000857	9515.49707	11939.89258
11565.0	0.0000857	9515.22168	11788.46094
11351.0	0.0000873	9514.94629	11605.17969
11123.0	0.0000907	9514.67090	11408.49414
11005.0	0.0000907	9514.39551	11220.40039

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11148.0	0.0000890	9512.20215	11050.89844
11193.0	0.0000890	9511.92871	11115.70410
11385.0	0.0000873	9511.65527	11142.21094
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9888.0	0.0001020	9509.20801	10067.93359
10030.0	0.0001000	9508.93652	9975.15039
9991.0	0.0001000	9508.66602	9899.67871
9800.0	0.0001020	9508.39551	9839.46191
9824.0	0.0001020	9508.12598	9792.06445
9884.0	0.0001020	9507.85547	9755.02539
9784.0	0.0001020	9507.58594	9726.10742
9768.0	0.0001020	9507.31641	9703.41113
9627.0	0.0001041	9507.04785	9685.42188
9649.0	0.0001041	9506.77832	9670.96875
9719.0	0.0001020	9506.50977	9659.19727
9628.0	0.0001041	9506.24121	9649.48242
9723.0	0.0001020	9505.97363	9641.38477
9582.0	0.0001041	9505.70508	9634.58594
9587.0	0.0001041	9505.43750	9628.87207
9626.0	0.0001041	9505.16992	9624.09082
9518.0	0.0001041	9504.90332	9620.13477
9775.0	0.0001020	9504.63672	9616.92676
9511.0	0.0001041	9504.37012	9614.42383
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9573.0	0.0001041	9503.83691	9611.43457
9600.0	0.0001041	9503.57129	9610.95410
9573.0	0.0001041	9503.30566	9611.18164
9654.0	0.0001041	9503.04004	9612.17969
9646.0	0.0001041	9502.77539	9614.04492
9755.0	0.0001020	9502.51074	9616.94141
9549.0	0.0001041	9502.24609	9621.11816
9560.0	0.0001041	9501.98242	9626.98828
9815.0	0.0001020	9501.71777	9635.16992
9629.0	0.0001041	9501.45410	9646.61621
9752.0	0.0001020	9501.19141	9662.68848
9748.0	0.0001020	9500.92773	9685.25488
9835.0	0.0001020	9500.66504	9716.73926
9868.0	0.0001020	9500.40234	9760.02637
9777.0	0.0001020	9500.14063	9818.26855
9973.0	0.0001000	9499.87891	9894.46777

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10647.0	0.0000943	9497.79395	10910.20410
10739.0	0.0000925	9497.53516	10920.32422
10783.0	0.0000925	9497.27539	10862.10547
10628.0	0.0000943	9497.01758	10748.69238
10429.0	0.0000961	9496.75879	10601.45313
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10140.0	0.0000980	9495.98633	10138.90039
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9820.0	0.0001020	9495.21582	9823.16504
9796.0	0.0001020	9494.95996	9757.37598
9785.0	0.0001020	9494.70410	9707.47168
9832.0	0.0001020	9494.44824	9670.78906
9674.0	0.0001041	9494.19336	9643.34082
9829.0	0.0001020	9493.93848	9623.02246
9687.0	0.0001041	9493.68457	9607.77441
9627.0	0.0001041	9493.43066	9596.07910
9610.0	0.0001041	9493.17676	9586.83984
9626.0	0.0001041	9492.92285	9579.33301
9527.0	0.0001041	9492.66992	9573.06738
9583.0	0.0001041	9492.41699	9567.73047
9568.0	0.0001041	9492.16504	9563.16309
9428.0	0.0001063	9491.91309	9559.12305
9605.0	0.0001041	9491.66113	9555.55957
9496.0	0.0001063	9491.41016	9552.40137
9589.0	0.0001041	9491.15918	9549.59082
9646.0	0.0001041	9490.90820	9547.08398
9551.0	0.0001041	9490.65820	9544.84180
9600.0	0.0001041	9490.40820	9542.83203
9608.0	0.0001041	9490.15820	9541.09961
9579.0	0.0001041	9489.90918	9539.49316
9543.0	0.0001041	9489.66016	9538.21973
9305.0	0.0001085	9489.41211	9536.94629
9459.0	0.0001063	9489.16406	9535.81738
9466.0	0.0001063	9488.91602	9534.82227
9579.0	0.0001041	9488.66895	9533.95508
9601.0	0.0001041	9488.42188	9533.20801
9551.0	0.0001041	9488.17480	9532.57227
9692.0	0.0001041	9487.92871	9532.04883
9557.0	0.0001041	9487.68262	9531.63379
9578.0	0.0001041	9487.43750	9531.32910
9557.0	0.0001041	9487.19238	9530.61621
9542.0	0.0001041	9486.94727	9530.75977
9594.0	0.0001041	9486.70313	9530.78027
9528.0	0.0001041	9486.45898	9530.90625
9514.0	0.0001041	9486.21484	9531.14844

9590.0	0.0001041	9485.97168	9531.51465
9668.0	0.0001041	9485.72949	9532.00488
9501.0	0.0001063	9485.48633	9532.63281
9481.0	0.0001063	9485.24414	9533.54102
9496.0	0.0001063	9485.00293	9534.48145
9533.0	0.0001041	9484.76172	9535.59570
9598.0	0.0001041	9484.52051	9536.91309
9577.0	0.0001041	9484.28027	9538.45898
9529.0	0.0001041	9484.04004	9540.27246
9638.0	0.0001041	9483.79980	9542.39063
9608.0	0.0001041	9483.56055	9544.89746
9612.0	0.0001041	9483.32129	9547.86426
9614.0	0.0001041	9483.08301	9551.41797
9612.0	0.0001041	9482.84473	9555.68945
9640.0	0.0001041	9482.60742	9560.86621
9633.0	0.0001041	9482.37012	9567.17773
9731.0	0.0001020	9482.13281	9574.88672
9758.0	0.0001020	9481.89648	9584.30469
9566.0	0.0001041	9481.66016	9595.75586
9648.0	0.0001041	9481.42480	9609.58203
9678.0	0.0001041	9481.18945	9625.90625
9724.0	0.0001020	9480.95508	9645.41504
9743.0	0.0001020	9480.72070	9668.09668
9740.0	0.0001020	9480.48633	9693.99512
9853.0	0.0001020	9480.25293	9722.96777
9794.0	0.0001020	9480.01953	9754.55957
9918.0	0.0001000	9479.78711	9787.88965
9840.0	0.0001020	9479.55469	9821.50684
9805.0	0.0001020	9479.32227	9853.37305
9882.0	0.0001020	9479.09082	9881.10645
10088.0	0.0001000	9478.86035	9902.64160
9914.0	0.0001000	9478.62988	9917.15137
10031.0	0.0001000	9478.39941	9925.60059
10127.0	0.0000980	9478.16992	9930.55469
9992.0	0.0001000	9477.94043	9935.42480
9898.0	0.0001020	9477.71191	9943.12598
10069.0	0.0001000	9477.48340	9956.07031
9887.0	0.0001020	9477.25488	9975.39844
9954.0	0.0001000	9477.02734	10001.69043
10004.0	0.0001000	9476.80078	10033.86816
9830.0	0.0001020	9476.57422	10069.74902
10055.0	0.0001000	9476.34766	10105.81641
9876.0	0.0001020	9476.12207	10136.78320
10107.0	0.0000980	9475.89648	10157.05176
9993.0	0.0001000	9475.67188	10161.68945
10101.0	0.0000980	9475.44727	10148.30664
9973.0	0.0001000	9475.22363	10118.08203
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10073.0	0.0001000	9474.77734	10023.97949
10193.0	0.0000980	9474.55469	9970.54395
9942.0	0.0001000	9474.33203	9918.25684
10030.0	0.0001000	9474.11133	9869.72656
9944.0	0.0001000	9473.88965	9826.56055
9786.0	0.0001020	9473.66895	9789.69141

9688.0	0.0001041	9473.44824	9759.63379
9729.0	0.0001020	9473.22852	9736.68262
9969.0	0.0001000	9473.00977	9721.52930
9735.0	0.0001020	9472.79102	9713.64844
9761.0	0.0001020	9472.57227	9714.04883
9886.0	0.0001020	9472.35449	9723.58789
9980.0	0.0001000	9472.13770	9743.43066
9966.0	0.0001000	9471.91992	9774.96680
9987.0	0.0001000	9471.70410	9819.65918
9995.0	0.0001000	9471.48730	9878.74512
10029.0	0.0001000	9471.27246	9952.93555
10201.0	0.0000980	9471.05762	10041.99414
10392.0	0.0000961	9470.84277	10144.18848
10527.0	0.0000943	9470.62891	10255.87695
10879.0	0.0000925	9470.41504	10370.72266
11128.0	0.0000907	9470.20215	10479.33398
11075.0	0.0000907	9469.98926	10568.57910
11135.0	0.0000890	9469.77734	10623.15625
11013.0	0.0000907	9469.56543	10632.95215
10783.0	0.0000925	9469.35449	10596.10156
10657.0	0.0000943	9469.14355	10520.68848
10590.0	0.0000943	9468.93359	10420.65820
10389.0	0.0000961	9468.72461	10310.31543
10215.0	0.0000980	9468.51465	10200.80859
10143.0	0.0000980	9468.30664	10099.84473
9994.0	0.0001000	9468.09863	10011.87207
9993.0	0.0001000	9467.89063	9938.88770
9805.0	0.0001020	9467.68359	9880.91309
9763.0	0.0001020	9467.47656	9836.43848
9734.0	0.0001020	9467.27051	9802.76465
9765.0	0.0001020	9467.06543	9776.41992
9637.0	0.0001041	9466.86035	9753.83203
9757.0	0.0001020	9466.65527	9732.18066
9767.0	0.0001020	9466.45117	9710.03320
9632.0	0.0001041	9466.24805	9687.31836
9638.0	0.0001041	9466.04492	9664.72363
9668.0	0.0001041	9465.84180	9643.08203
9593.0	0.0001041	9465.64063	9623.05566
9614.0	0.0001041	9465.43848	9605.06055
9478.0	0.0001063	9465.23730	9589.29785
9637.0	0.0001041	9465.03711	9575.79590
9627.0	0.0001041	9464.83691	9564.46680
9554.0	0.0001041	9464.63770	9555.11816
9702.0	0.0001041	9464.43848	9547.50684
9522.0	0.0001041	9464.24023	9541.37012
9346.0	0.0001063	9464.04297	9536.43945
9460.0	0.0001063	9463.84570	9532.49512
9496.0	0.0001063	9463.64844	9529.32227
9526.0	0.0001041	9463.45215	9526.76465
9563.0	0.0001041	9463.25684	9524.70605
9614.0	0.0001041	9463.06152	9523.05664
9597.0	0.0001041	9462.86621	9521.74414
9529.0	0.0001041	9462.67188	9520.73926
9637.0	0.0001041	9462.47852	9520.01270

9488.0	0.0001063	9462.28613	9519.58496
9572.0	0.0001041	9462.09277	9519.37402
9650.0	0.0001041	9461.90137	9519.41797
9765.0	0.0001020	9461.70996	9519.72266
9482.0	0.0001063	9461.51855	9520.02246
9463.0	0.0001063	9461.32813	9520.92383
9727.0	0.0001020	9461.13867	9522.18555
9496.0	0.0001063	9460.94922	9523.87207
9593.0	0.0001041	9460.76074	9526.09863
9699.0	0.0001041	9460.57227	9529.04297
9623.0	0.0001041	9460.38477	9532.96191
9632.0	0.0001041	9460.19727	9538.22656
9435.0	0.0001063	9460.01074	9545.36914
9521.0	0.0001041	9459.82520	9555.07129
9719.0	0.0001020	9459.63965	9568.15723
9597.0	0.0001041	9459.45508	9585.56738
9882.0	0.0001020	9459.27051	9608.53027
9780.0	0.0001020	9459.08691	9637.25684
9822.0	0.0001020	9458.90332	9673.06738
9582.0	0.0001041	9458.72070	9714.60742
9649.0	0.0001041	9458.53906	9761.67285
9723.0	0.0001020	9458.35742	9812.44727
9916.0	0.0001000	9458.17578	9863.92383
9872.0	0.0001020	9457.99609	9910.48633
9883.0	0.0001020	9457.81543	9949.58887
9853.0	0.0001020	9457.63672	9975.45703
9957.0	0.0001000	9457.45801	9986.10645
10021.0	0.0001000	9457.27930	9986.01563
10063.0	0.0001000	9457.10254	9980.96777
9899.0	0.0001020	9456.92480	9977.94727
10111.0	0.0000980	9456.74902	9982.89453
9947.0	0.0001000	9456.57324	9999.69531
10275.0	0.0000980	9456.39746	10030.07910
10084.0	0.0001000	9456.22266	10073.58691
10285.0	0.0000980	9456.04883	10127.53613
10497.0	0.0000961	9455.87500	10186.88379
10372.0	0.0000961	9455.70215	10244.13477
10332.0	0.0000961	9455.52930	10289.67285
10468.0	0.0000961	9455.35742	10313.44434
10466.0	0.0000961	9455.18652	10308.32031
10540.0	0.0000943	9455.01563	10273.31738
10315.0	0.0000961	9454.84570	10213.95020
10513.0	0.0000943	9454.67578	10139.36035
10227.0	0.0000980	9454.50684	10058.84863
10277.0	0.0000980	9454.33887	9979.91211
10228.0	0.0000980	9454.17090	9907.90625
10060.0	0.0001000	9454.00391	9846.38281
10135.0	0.0000980	9453.83691	9797.51465
9943.0	0.0001000	9453.67090	9762.42480
9990.0	0.0001000	9453.50586	9741.37109
9847.0	0.0001020	9453.34082	9733.89160
9764.0	0.0001020	9453.17676	9738.84668
9861.0	0.0001020	9453.01270	9754.43262
10000.0	0.0001000	9452.84961	9778.13574

9745.0	0.0001020	9452.68750	9806.61035
9955.0	0.0001000	9452.52539	9835.52051
9944.0	0.0001000	9452.36426	9859.54688
9849.0	0.0001020	9452.20410	9873.06055
9816.0	0.0001020	9452.04395	9871.79590
9891.0	0.0001020	9451.88379	9854.79004
9600.0	0.0001041	9451.72559	9824.74707
9736.0	0.0001020	9451.56738	9786.44434
9792.0	0.0001020	9451.40918	9744.72852
9506.0	0.0001041	9451.25195	9703.44531
9841.0	0.0001020	9451.09570	9665.22363
9643.0	0.0001041	9450.93945	9631.62207
9766.0	0.0001020	9450.78418	9603.35742
9599.0	0.0001041	9450.62988	9580.51270
9750.0	0.0001020	9450.47559	9562.68262
9619.0	0.0001041	9450.32227	9549.20703
9541.0	0.0001041	9450.16992	9539.29980
9693.0	0.0001041	9450.01758	9532.19531
9522.0	0.0001041	9449.86523	9527.22168
9504.0	0.0001063	9449.71484	9523.83301
9550.0	0.0001041	9449.56445	9521.63965
9406.0	0.0001063	9449.41406	9520.36426
9583.0	0.0001041	9449.26465	9519.84570
9644.0	0.0001041	9449.11621	9520.00781
9535.0	0.0001041	9448.96875	9520.83691
9248.0	0.0001085	9448.82129	9522.37109
9517.0	0.0001041	9448.67480	9524.68652
9471.0	0.0001063	9448.52832	9527.88770
9617.0	0.0001041	9448.38281	9532.10547
9433.0	0.0001063	9448.23828	9537.47559
9743.0	0.0001020	9448.09375	9544.12891
9443.0	0.0001063	9447.95020	9552.18164
9768.0	0.0001020	9447.80664	9561.70117
9620.0	0.0001041	9447.66504	9572.70117
9757.0	0.0001020	9447.52246	9585.09082
9622.0	0.0001041	9447.38184	9598.64844
9827.0	0.0001020	9447.24121	9612.95508
9686.0	0.0001041	9447.10156	9627.38086
9779.0	0.0001020	9446.96191	9641.12695
9689.0	0.0001041	9446.82324	9653.41113
9846.0	0.0001020	9446.68555	9663.76758
9771.0	0.0001020	9446.54785	9672.28516
9865.0	0.0001020	9446.41113	9679.54688
9790.0	0.0001020	9446.27539	9686.90723
9901.0	0.0001000	9446.13965	9694.01465
9746.0	0.0001020	9446.00488	9701.89063
10111.0	0.0000980	9445.87012	9710.81738
9783.0	0.0001020	9445.73633	9721.11133
9609.0	0.0001041	9445.60352	9733.37891
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9902.0	0.0001000	9445.33984	9768.38574
9694.0	0.0001041	9445.20801	9794.08984
9941.0	0.0001000	9445.07813	9827.10254
9983.0	0.0001000	9444.94824	9868.34668

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10027.0	0.0001000	9444.69043	9975.84180
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10365.0	0.0000961	9444.18262	10234.10547
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10361.0	0.0000961	9443.93262	10311.95117
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10538.0	0.0000943	9443.56152	10304.26660
10529.0	0.0000943	9443.43945	10276.07715
10356.0	0.0000961	9443.31836	10237.50391
10306.0	0.0000961	9443.19727	10189.26660
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10223.0	0.0000980	9442.95703	10072.25586
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9915.0	0.0001000	9442.60254	9899.84277
10266.0	0.0000980	9442.48535	9855.93066
10108.0	0.0000980	9442.36914	9821.96875
9691.0	0.0001041	9442.25293	9799.04688
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9796.0	0.0001020	9441.91016	9804.83887
9828.0	0.0001020	9441.79688	9832.80176
9838.0	0.0001020	9441.68457	9873.86426
9948.0	0.0001000	9441.57227	9927.09570
10094.0	0.0001000	9441.46094	9990.62988
10045.0	0.0001000	9441.35059	10061.49609
10062.0	0.0001000	9441.24121	10135.57422
10252.0	0.0000980	9441.13184	10207.51465
10450.0	0.0000961	9441.02246	10270.59570
10466.0	0.0000961	9440.91504	10317.23047
10401.0	0.0000961	9440.80762	10340.95410
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10229.0	0.0000980	9440.59473	10316.15039
10255.0	0.0000980	9440.49023	10277.87207
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10163.0	0.0000980	9440.28125	10186.34863
10116.0	0.0000980	9440.17773	10142.16309
10138.0	0.0000980	9440.07520	10101.47656
10234.0	0.0000980	9439.97266	10063.62988
10064.0	0.0001000	9439.87109	10027.61816
9987.0	0.0001000	9439.77051	9992.54688
9582.0	0.0001041	9439.67090	9958.04199
9957.0	0.0001000	9439.57129	9924.67871
9901.0	0.0001000	9439.47266	9893.77148
9959.0	0.0001000	9439.37402	9866.96582
9791.0	0.0001020	9439.27734	9845.77441
9864.0	0.0001020	9439.17969	9831.39453
9758.0	0.0001020	9439.08398	9824.68359
9878.0	0.0001020	9438.98828	9826.22461
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10445.0	0.0000961	9437.05566	10510.22070
10440.0	0.0000961	9436.97559	10534.56348
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10546.0	0.0000943	9436.81641	10598.37012
10519.0	0.0000943	9436.73828	10621.57129
10664.0	0.0000943	9436.66113	10626.70996
10758.0	0.0000925	9436.58398	10607.55078
10812.0	0.0000925	9436.50781	10561.29590
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9945.0	0.0001000	9435.92188	9886.49121
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9808.0	0.0001020	9435.78223	9775.83691
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9679.0	0.0001041	9435.64453	9698.86523
9704.0	0.0001020	9435.57715	9670.75098
9683.0	0.0001041	9435.50977	9648.21191
9691.0	0.0001041	9435.44434	9630.28906
9629.0	0.0001041	9435.37793	9616.13184
9608.0	0.0001041	9435.31348	9604.84375
9683.0	0.0001041	9435.24902	9596.20410
9740.0	0.0001020	9435.18555	9589.56836
9719.0	0.0001020	9435.12305	9584.62012
9588.0	0.0001041	9435.06055	9581.11523
9646.0	0.0001041	9434.99902	9578.92773
9680.0	0.0001041	9434.93848	9577.96875
9672.0	0.0001041	9434.87793	9578.28320
9652.0	0.0001041	9434.81836	9580.22070
9764.0	0.0001020	9434.75977	9583.21875

9544.0	0.0001041	9434.70117	9587.38965
9690.0	0.0001041	9434.64355	9592.99609
9520.0	0.0001041	9434.58691	9600.09766
9822.0	0.0001020	9434.53027	9608.25293
9721.0	0.0001020	9434.47461	9618.45410
9721.0	0.0001020	9434.41992	9630.18359
9712.0	0.0001020	9434.36621	9643.35156
9739.0	0.0001020	9434.31250	9657.79883
9852.0	0.0001020	9434.25977	9673.32422
9805.0	0.0001020	9434.20703	9689.76367
9779.0	0.0001020	9434.15527	9707.21680
9844.0	0.0001020	9434.10449	9726.17676
9838.0	0.0001020	9434.05469	9747.80469
9973.0	0.0001000	9434.00488	9773.79785
9913.0	0.0001000	9433.95605	9806.15234
10096.0	0.0001000	9433.90820	9846.93848
9998.0	0.0001000	9433.86035	9898.10938
10113.0	0.0000980	9433.81348	9961.34863
10023.0	0.0001000	9433.76758	10037.93652
10291.0	0.0000980	9433.72168	10128.56055
10404.0	0.0000961	9433.67676	10233.08105
10299.0	0.0000980	9433.63281	10350.23145
10556.0	0.0000943	9433.58887	10477.24512
10819.0	0.0000925	9433.54590	10609.42090
10863.0	0.0000925	9433.50391	10739.75488
10973.0	0.0000907	9433.46191	10858.87305
11097.0	0.0000907	9433.42188	10955.68359
11383.0	0.0000873	9433.38086	11019.06055
11394.0	0.0000873	9433.34180	11040.56934
11384.0	0.0000873	9433.30273	11017.28223
11368.0	0.0000873	9433.26465	10953.10059
11369.0	0.0000873	9433.22754	10857.48828
10981.0	0.0000907	9433.19043	10742.31543
10908.0	0.0000925	9433.15430	10618.72852
10537.0	0.0000943	9433.11816	10495.36914
10553.0	0.0000943	9433.08301	10377.94336
10376.0	0.0000961	9433.04883	10269.55664
10318.0	0.0000961	9433.01563	10171.34277
10114.0	0.0000980	9432.98242	10083.18848
10068.0	0.0001000	9432.95020	10004.42090
10179.0	0.0000980	9432.91895	9934.34863
10090.0	0.0001000	9432.88770	9872.46387
10015.0	0.0001000	9432.85742	9818.37891
9966.0	0.0001000	9432.82813	9771.63574
9966.0	0.0001000	9432.79883	9731.64258
9813.0	0.0001020	9432.77051	9697.68652
9784.0	0.0001020	9432.74316	9669.01465
9796.0	0.0001020	9432.71680	9644.88965
9771.0	0.0001020	9432.69043	9624.63379
9658.0	0.0001041	9432.66406	9607.65820
9593.0	0.0001041	9432.63965	9593.44824
9706.0	0.0001020	9432.61523	9581.56152
9481.0	0.0001063	9432.59180	9571.61523
9604.0	0.0001041	9432.56836	9563.29492

9597.0	0.0001041	9432.54590	9556.34180
9687.0	0.0001041	9432.52441	9550.51172
9615.0	0.0001041	9432.50391	9545.63477
9719.0	0.0001020	9432.48340	9541.55273
9607.0	0.0001041	9432.46387	9538.15332
9609.0	0.0001041	9432.44434	9535.34180
9596.0	0.0001041	9432.42578	9533.05273
9668.0	0.0001041	9432.40820	9531.22363
9520.0	0.0001041	9432.39160	9529.82422
9556.0	0.0001041	9432.37500	9528.82422
9450.0	0.0001063	9432.35938	9528.20020
9590.0	0.0001041	9432.34375	9527.94629
9723.0	0.0001020	9432.33008	9528.05566
9681.0	0.0001041	9432.31543	9528.53516
9639.0	0.0001041	9432.30273	9529.39355
9685.0	0.0001041	9432.29004	9530.63672
9592.0	0.0001041	9432.27832	9532.30078
9488.0	0.0001063	9432.26758	9534.40527
9662.0	0.0001041	9432.25684	9536.99902
9616.0	0.0001041	9432.24707	9540.14063
9765.0	0.0001020	9432.23730	9543.91016
9679.0	0.0001041	9432.22949	9548.43652
9585.0	0.0001041	9432.22070	9553.87500
9765.0	0.0001020	9432.21387	9560.48242
9529.0	0.0001041	9432.20703	9568.59863
9622.0	0.0001041	9432.20117	9578.70703
9598.0	0.0001041	9432.19629	9591.44824
9610.0	0.0001041	9432.19141	9607.68848
9779.0	0.0001020	9432.18750	9628.49316
9713.0	0.0001020	9432.18359	9655.15332
9733.0	0.0001020	9432.18164	9689.12109
9871.0	0.0001020	9432.17969	9731.91992
9953.0	0.0001000	9432.17773	9785.02148
9950.0	0.0001000	9432.17676	9849.65723
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10105.0	0.0000980	9432.17773	10015.89746
10201.0	0.0000980	9432.17871	10116.75781
10545.0	0.0000943	9432.18066	10227.08887
10645.0	0.0000943	9432.18262	10343.21484
10811.0	0.0000925	9432.18555	10459.50684
10930.0	0.0000907	9432.18945	10568.43164
11162.0	0.0000890	9432.19434	10661.70898
11185.0	0.0000890	9432.19922	10732.96777
11066.0	0.0000907	9432.20508	10780.86719
11074.0	0.0000907	9432.21094	10810.24121
11164.0	0.0000890	9432.21777	10830.12012
11056.0	0.0000907	9432.22559	10850.03711
11139.0	0.0000890	9432.23340	10877.05957
11292.0	0.0000890	9432.24219	10914.27246
11473.0	0.0000873	9432.25195	10960.24023
11701.0	0.0000857	9432.26172	11009.10449
11800.0	0.0000842	9432.27246	11050.83203
11646.0	0.0000857	9432.28418	11073.13770
11645.0	0.0000857	9432.29590	11064.65820

11481.0	0.0000873	9432.30859	11018.77832
11296.0	0.0000890	9432.32227	10935.90723
11162.0	0.0000890	9432.33594	10822.93262
10792.0	0.0000925	9432.35059	10690.30469
10732.0	0.0000925	9432.36621	10549.36035
10510.0	0.0000943	9432.38184	10409.37305
10222.0	0.0000980	9432.39844	10277.27051
10207.0	0.0000980	9432.41504	10157.64746
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9952.0	0.0001000	9432.47070	9893.06445
9914.0	0.0001000	9432.49023	9836.60840
9817.0	0.0001020	9432.50977	9794.11523
9775.0	0.0001020	9432.53125	9763.74414
9763.0	0.0001020	9432.55273	9743.41309
9699.0	0.0001041	9432.57422	9730.94238
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9914.0	0.0001000	9432.62109	9720.31445
9961.0	0.0001000	9432.64453	9717.79492
9927.0	0.0001000	9432.66895	9714.14648
9777.0	0.0001020	9432.69434	9707.71094
9792.0	0.0001020	9432.72070	9697.69141
9696.0	0.0001041	9432.74707	9684.27832
9557.0	0.0001041	9432.77344	9668.25098
9853.0	0.0001020	9432.80176	9651.06934
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9547.0	0.0001041	9432.85840	9617.00977
9666.0	0.0001041	9432.88867	9601.57031
9679.0	0.0001041	9432.91895	9587.74316
9686.0	0.0001041	9432.94922	9575.71191
9624.0	0.0001041	9432.98047	9565.52734
9546.0	0.0001041	9433.01270	9557.14160
9472.0	0.0001063	9433.04492	9550.43164
9559.0	0.0001041	9433.07813	9545.26172
9601.0	0.0001041	9433.11230	9541.45410
9466.0	0.0001063	9433.14648	9538.85156
9485.0	0.0001063	9433.18164	9537.31152
9575.0	0.0001041	9433.21777	9536.73047
9544.0	0.0001041	9433.25391	9537.03809
9611.0	0.0001041	9433.29102	9538.20898
9725.0	0.0001020	9433.32813	9540.25684
9534.0	0.0001041	9433.36621	9543.23828
9630.0	0.0001041	9433.40527	9547.25195
9532.0	0.0001041	9433.44434	9552.41504
9666.0	0.0001041	9433.48438	9558.89844
9860.0	0.0001020	9433.52539	9566.89551
9744.0	0.0001020	9433.56641	9576.63379
9729.0	0.0001020	9433.60742	9588.39648
9695.0	0.0001041	9433.65039	9602.50781
9651.0	0.0001041	9433.69336	9619.37109
9770.0	0.0001020	9433.73633	9639.45996
9614.0	0.0001041	9433.78027	9663.30078
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9824.0	0.0001020	9433.87109	9724.66602

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9928.0	0.0001000	9434.01074	9863.24707
10052.0	0.0001000	9434.05762	9926.49902
10166.0	0.0000980	9434.10645	9999.93750
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10296.0	0.0000980	9434.20410	10176.42480
10429.0	0.0000961	9434.25488	10275.68066
10613.0	0.0000943	9434.30566	10376.82617
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10957.0	0.0000907	9434.40820	10555.84180
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10354.0	0.0000961	9434.95898	10090.57129
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10336.0	0.0000961	9435.07520	9974.40820
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10261.0	0.0000980	9435.37793	9982.33398
9987.0	0.0001000	9435.44043	10036.69922
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10305.0	0.0000961	9435.63086	10282.72852
10577.0	0.0000943	9435.69531	10380.38867
10733.0	0.0000925	9435.75977	10475.83984
10813.0	0.0000925	9435.82520	10560.17969
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10831.0	0.0000925	9436.02539	10654.01074
10944.0	0.0000907	9436.09375	10617.78320
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10762.0	0.0000925	9436.23145	10468.36328
10508.0	0.0000943	9436.30078	10372.61719
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10214.0	0.0000980	9436.65625	9947.81348
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10218.0	0.0000980	9436.95117	9826.05762
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9963.0	0.0001000	9437.10254	9840.40332
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10502.0	0.0000961	9437.80664	10172.96680
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9851.0	0.0001020	9438.81348	9709.77148
9755.0	0.0001020	9438.90137	9679.56543
9718.0	0.0001020	9438.98926	9653.52051
9803.0	0.0001020	9439.07715	9630.93848
9737.0	0.0001020	9439.16602	9611.51953
9737.0	0.0001020	9439.25586	9594.91016
9809.0	0.0001020	9439.34570	9580.80566
9692.0	0.0001041	9439.43555	9568.82617
9718.0	0.0001020	9439.52637	9558.72168
9546.0	0.0001041	9439.61816	9550.22266
9584.0	0.0001041	9439.70996	9543.10449
9398.0	0.0001063	9439.80273	9537.17188
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9634.0	0.0001041	9439.98926	9528.25879
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9543.0	0.0001041	9440.27246	9520.99609
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9492.0	0.0001063	9440.75488	9522.87891
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9477.0	0.0001063	9441.05078	9535.46387
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9762.0	0.0001020	9442.38184	9805.59766
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9426.0	0.0001063	9444.24414	9543.73828
9491.0	0.0001063	9444.35742	9531.90234
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9479.0	0.0001063	9445.99609	9476.92188
9309.0	0.0001085	9446.11621	9475.79688
9356.0	0.0001063	9446.23730	9474.77832
9487.0	0.0001063	9446.35840	9473.85254
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9322.0	0.0001063	9446.60254	9472.25195
9283.0	0.0001085	9446.72461	9471.55566
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9492.0	0.0001063	9447.09473	9470.22461
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9403.0	0.0001063	9447.34375	9469.29883
9245.0	0.0001085	9447.46875	9468.90137
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9345.0	0.0001063	9448.22754	9467.15723
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9410.0	0.0001063	9450.18945	9465.43555
9587.0	0.0001041	9450.32324	9465.46973
9662.0	0.0001041	9450.45801	9465.51074
9644.0	0.0001041	9450.59277	9465.56250
9412.0	0.0001063	9450.72754	9465.62598
9533.0	0.0001041	9450.86328	9465.69727
9519.0	0.0001041	9450.99902	9465.78027
9507.0	0.0001041	9451.13574	9465.87305
9382.0	0.0001063	9451.27246	9465.97266
9514.0	0.0001041	9451.40918	9466.08203
9400.0	0.0001063	9451.54688	9466.20313
9588.0	0.0001041	9451.68457	9466.33105
9419.0	0.0001063	9451.82227	9466.97461
9539.0	0.0001041	9451.96094	9467.15625
9419.0	0.0001063	9452.09961	9467.31738
9555.0	0.0001041	9452.23926	9467.48535
9464.0	0.0001063	9452.37891	9467.66406
9326.0	0.0001063	9452.51855	9467.32715
9452.0	0.0001063	9452.65918	9467.52930
9410.0	0.0001063	9452.79980	9467.73926
9438.0	0.0001063	9452.94141	9467.95801
9397.0	0.0001063	9453.08301	9468.18359
9503.0	0.0001063	9453.22461	9468.42383
9418.0	0.0001063	9453.36621	9468.66992
9393.0	0.0001063	9453.50879	9468.92773
9477.0	0.0001063	9453.65234	9469.23047
9480.0	0.0001063	9453.79492	9469.51367
9420.0	0.0001063	9453.93945	9469.80371
9450.0	0.0001063	9454.08301	9470.24316
9501.0	0.0001063	9454.22754	9470.55957
9500.0	0.0001063	9454.37207	9470.88379
9590.0	0.0001041	9454.51660	9471.22461
9449.0	0.0001063	9454.66211	9471.58203
9491.0	0.0001063	9454.80762	9471.95117
9340.0	0.0001063	9454.95410	9473.21973
9505.0	0.0001063	9455.10059	9473.62598
9503.0	0.0001063	9455.24707	9474.05176
9473.0	0.0001063	9455.39453	9474.68359
9638.0	0.0001041	9455.54199	9475.14648
9419.0	0.0001063	9455.68945	9475.62695
9384.0	0.0001063	9455.83789	9476.25781

9497.0	0.0001063	9455.98633	9476.78711
9466.0	0.0001063	9456.13477	9477.33496
9483.0	0.0001063	9456.28418	9477.91016
9397.0	0.0001063	9456.43359	9478.51172
9400.0	0.0001063	9456.58301	9479.14453
9388.0	0.0001063	9456.73340	9479.80762
9492.0	0.0001063	9456.88379	9480.50488
9318.0	0.0001063	9457.03418	9481.34277
9531.0	0.0001041	9457.18555	9482.11816
9582.0	0.0001041	9457.33691	9482.93652
9541.0	0.0001041	9457.48828	9483.77148
9506.0	0.0001063	9457.63965	9484.80957
9426.0	0.0001063	9457.79199	9485.78418
9493.0	0.0001063	9457.94531	9487.15137
9537.0	0.0001041	9458.09766	9488.26563
9463.0	0.0001063	9458.25098	9489.45996
9453.0	0.0001063	9458.40430	9490.74707
9472.0	0.0001063	9458.55859	9492.14258
9422.0	0.0001063	9458.71289	9493.66113
9544.0	0.0001041	9458.86719	9495.34180
9529.0	0.0001041	9459.02246	9497.22559
9436.0	0.0001063	9459.17676	9499.10547
9500.0	0.0001063	9459.33203	9501.57520
9322.0	0.0001063	9459.48828	9504.19336
9570.0	0.0001041	9459.64453	9507.72852
9454.0	0.0001063	9459.80078	9512.07715
9520.0	0.0001041	9459.95703	9517.50000
9637.0	0.0001041	9460.11426	9524.28613
9646.0	0.0001041	9460.27051	9532.77637
9613.0	0.0001041	9460.42871	9543.34082
9586.0	0.0001041	9460.58594	9556.29785
9683.0	0.0001041	9460.74414	9571.96387
9639.0	0.0001041	9460.90234	9590.60352
9603.0	0.0001041	9461.06152	9611.98926
9655.0	0.0001041	9461.21973	9636.00195
9728.0	0.0001020	9461.37891	9662.11719
9824.0	0.0001020	9461.53906	9689.47656
9834.0	0.0001020	9461.69824	9716.77637
9963.0	0.0001000	9461.85840	9742.37793
9996.0	0.0001000	9462.01855	9764.56348
9865.0	0.0001020	9462.17871	9781.66406
9917.0	0.0001000	9462.33984	9793.07129
9913.0	0.0001000	9462.50098	9799.10254
9957.0	0.0001000	9462.66211	9800.84375
9742.0	0.0001020	9462.82422	9799.73438
9851.0	0.0001020	9462.98633	9797.28125
9922.0	0.0001000	9463.14844	9794.45020
9912.0	0.0001000	9463.31055	9793.30176
10039.0	0.0001000	9463.47363	9794.08594
9991.0	0.0001000	9463.63574	9796.78809
9865.0	0.0001020	9463.79980	9801.39063
10098.0	0.0001000	9463.96289	9806.06445
10124.0	0.0000980	9464.12695	9809.69727
10041.0	0.0001000	9464.29102	9811.01855

10142.0	0.0000980	9464.45508	9809.47363
10056.0	0.0001000	9464.61914	9805.52539
9799.0	0.0001020	9464.78418	9800.60352
9771.0	0.0001020	9464.94922	9796.74805
9877.0	0.0001020	9465.11426	9796.15039
9905.0	0.0001000	9465.28027	9800.90918
9905.0	0.0001000	9465.44531	9812.88965
9882.0	0.0001020	9465.61133	9833.67090
9970.0	0.0001000	9465.77734	9865.01465
10048.0	0.0001000	9465.94434	9906.89746
10134.0	0.0000980	9466.11133	9959.85938
10120.0	0.0000980	9466.27832	10023.72559
10247.0	0.0000980	9466.44531	10097.40430
10228.0	0.0000980	9466.61230	10178.83789
10295.0	0.0000980	9466.78027	10264.80078
10550.0	0.0000943	9466.94824	10350.64746
10766.0	0.0000925	9467.11621	10430.40332
10786.0	0.0000925	9467.28418	10496.18359
10858.0	0.0000925	9467.45313	10540.25879
10881.0	0.0000925	9467.62207	10556.91895
10900.0	0.0000925	9467.79102	10543.61035
10602.0	0.0000943	9467.95996	10502.62402
10551.0	0.0000943	9468.12988	10439.88379
10660.0	0.0000943	9468.29980	10363.10938
10474.0	0.0000961	9468.46875	10279.77246
10372.0	0.0000961	9468.63965	10196.11914
10177.0	0.0000980	9468.80957	10116.88672
9903.0	0.0001000	9468.98047	10045.54102
10056.0	0.0001000	9469.15137	9984.51953
9954.0	0.0001000	9469.32227	9935.53613
10063.0	0.0001000	9469.49316	9899.80664
9923.0	0.0001000	9469.66504	9878.34570
10021.0	0.0001000	9469.83594	9871.64941
10057.0	0.0001000	9470.00781	9880.47852
10248.0	0.0000980	9470.17969	9905.42871
10220.0	0.0000980	9470.35254	9946.98145
10163.0	0.0000980	9470.52441	10005.37598
10159.0	0.0000980	9470.69727	10080.38281
10201.0	0.0000980	9470.87012	10171.04297
10275.0	0.0000980	9471.04297	10275.34375
10543.0	0.0000943	9471.21680	10389.90820
10641.0	0.0000943	9471.38965	10509.65820
10790.0	0.0000925	9471.56348	10627.63867
10904.0	0.0000925	9471.73730	10735.03320
11084.0	0.0000907	9471.91113	10821.78223
11160.0	0.0000890	9472.08496	10878.03809
11228.0	0.0000890	9472.25977	10896.49414
11122.0	0.0000907	9472.43457	10874.66699
11322.0	0.0000890	9472.60938	10815.67969
11196.0	0.0000890	9472.78418	10726.97559
10934.0	0.0000907	9472.95898	10617.87109
10723.0	0.0000925	9473.13379	10497.58203
10677.0	0.0000943	9473.30957	10374.12793
10655.0	0.0000943	9473.48535	10253.94629

10424.0	0.0000961	9473.66113	10141.76074
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10164.0	0.0000980	9474.01270	9952.16602
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9875.0	0.0001020	9474.54297	9762.28223
9864.0	0.0001020	9474.71973	9720.68555
9693.0	0.0001041	9474.89648	9687.47461
9735.0	0.0001020	9475.07324	9661.13672
9776.0	0.0001020	9475.25098	9640.30762
9793.0	0.0001020	9475.42871	9623.82031
9615.0	0.0001041	9475.60645	9610.70703
9582.0	0.0001041	9475.78418	9600.20703
9808.0	0.0001020	9475.96191	9591.72656
9717.0	0.0001020	9476.13965	9584.80859
9577.0	0.0001041	9476.31836	9579.11426
9705.0	0.0001020	9476.49609	9574.37793
9600.0	0.0001041	9476.67480	9570.41797
9664.0	0.0001041	9476.85352	9567.09473
9575.0	0.0001041	9477.03223	9564.29492
9649.0	0.0001041	9477.21191	9561.94434
9608.0	0.0001041	9477.39063	9559.97559
9744.0	0.0001020	9477.57031	9558.34766
9615.0	0.0001041	9477.74902	9557.02539
9568.0	0.0001041	9477.92871	9555.98145
9431.0	0.0001063	9478.10840	9555.18848
9561.0	0.0001041	9478.28906	9554.64355
9565.0	0.0001041	9478.46875	9554.31934
9566.0	0.0001041	9478.64844	9554.21484
9565.0	0.0001041	9478.82910	9554.33984
9503.0	0.0001063	9479.00977	9554.66016
9572.0	0.0001041	9479.18945	9555.18652
9547.0	0.0001041	9479.37012	9555.92578
9616.0	0.0001041	9479.55176	9556.87598
9409.0	0.0001063	9479.73242	9558.05273
9628.0	0.0001041	9479.91309	9559.45605
9410.0	0.0001063	9480.09473	9561.10547
9510.0	0.0001041	9480.27539	9563.01172
9815.0	0.0001020	9480.45703	9565.20996
9764.0	0.0001020	9480.63867	9567.70898
9586.0	0.0001041	9480.82031	9570.54785
9675.0	0.0001041	9481.00195	9573.78125
9618.0	0.0001041	9481.18359	9577.46680
9693.0	0.0001041	9481.36621	9581.69141
9518.0	0.0001041	9481.54785	9586.58203
9601.0	0.0001041	9481.73047	9592.33789
9724.0	0.0001020	9481.91211	9599.23340
9562.0	0.0001041	9482.09473	9607.68652
9660.0	0.0001041	9482.27734	9618.30273
9750.0	0.0001020	9482.45996	9631.91895
9775.0	0.0001020	9482.64258	9649.69043
9755.0	0.0001020	9482.82617	9673.09570
9925.0	0.0001000	9483.00879	9703.98633
9931.0	0.0001000	9483.19141	9744.52441

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10028.0	0.0001000	9483.74121	9947.13574
9981.0	0.0001000	9483.92480	10047.99512
10216.0	0.0000980	9484.10840	10166.70313
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10385.0	0.0000961	9484.47559	10450.34375
10639.0	0.0000943	9484.66016	10606.43164
10835.0	0.0000925	9484.84375	10761.97266
10959.0	0.0000907	9485.02734	10905.95801
11186.0	0.0000890	9485.21191	11025.11523
11229.0	0.0000890	9485.39551	11104.94531
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10734.0	0.0000925	9486.31836	10793.74609
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10478.0	0.0000961	9486.68750	10508.85547
10227.0	0.0000980	9486.87207	10377.24512
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10148.0	0.0000980	9487.24219	10165.26563
10155.0	0.0000980	9487.42676	10090.24023
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10150.0	0.0000980	9487.79688	10003.56641
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10272.0	0.0000980	9488.16797	9991.86035
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10227.0	0.0000980	9488.53809	10037.81738
10267.0	0.0000980	9488.72363	10076.47754
10584.0	0.0000943	9488.90918	10122.28613
10563.0	0.0000943	9489.09473	10172.53516
10534.0	0.0000943	9489.28027	10224.23340
10594.0	0.0000943	9489.46582	10274.17578
10706.0	0.0000943	9489.65137	10319.33887
10516.0	0.0000943	9489.83789	10357.22754
10497.0	0.0000961	9490.02344	10387.01270
10755.0	0.0000925	9490.20898	10409.65039
10815.0	0.0000925	9490.39551	10427.73730
10524.0	0.0000943	9490.58105	10444.73242
10655.0	0.0000943	9490.76758	10464.02734
10734.0	0.0000925	9490.95313	10488.24609
10588.0	0.0000943	9491.13965	10518.88379
10598.0	0.0000943	9491.32520	10555.97754
10681.0	0.0000943	9491.51172	10598.27734
10724.0	0.0000925	9491.69824	10643.06152
10742.0	0.0000925	9491.88477	10686.32129
10938.0	0.0000907	9492.07031	10723.15625
11046.0	0.0000907	9492.25684	10748.69043
10985.0	0.0000907	9492.44336	10759.00586
10901.0	0.0000925	9492.62988	10752.28027
10944.0	0.0000907	9492.81641	10729.11035
10891.0	0.0000925	9493.00293	10692.26660
10886.0	0.0000925	9493.18945	10645.83691

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10874.0	0.0000925	9493.56250	10541.37793
10733.0	0.0000925	9493.74902	10490.35742
10775.0	0.0000925	9493.93555	10443.38379
10821.0	0.0000925	9494.12207	10401.98926
10767.0	0.0000925	9494.30859	10367.17578
10782.0	0.0000925	9494.49609	10339.48633
10517.0	0.0000943	9494.68262	10319.07031
10681.0	0.0000943	9494.86914	10305.85938
10691.0	0.0000943	9495.05566	10299.85840
10421.0	0.0000961	9495.24219	10301.49414
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10438.0	0.0000961	9495.80273	10363.90039
10403.0	0.0000961	9495.99023	10408.73438
10598.0	0.0000943	9496.17676	10467.50586
10536.0	0.0000943	9496.36328	10540.67773
10966.0	0.0000907	9496.55078	10628.28027
10877.0	0.0000925	9496.73730	10729.84863
11150.0	0.0000890	9496.92383	10844.25977
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11450.0	0.0000873	9497.29785	11101.28223
11624.0	0.0000857	9497.48438	11234.83496
11816.0	0.0000842	9497.67188	11363.09375
12154.0	0.0000826	9497.85840	11478.19238
12363.0	0.0000812	9498.04492	11572.04297
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12221.0	0.0000812	9498.41895	11669.92188
12269.0	0.0000812	9498.60547	11668.63184
12169.0	0.0000826	9498.79297	11636.70410
12001.0	0.0000826	9498.97949	11579.48242
11759.0	0.0000857	9499.16602	11502.81836
11719.0	0.0000857	9499.35352	11412.08887
11708.0	0.0000857	9499.54004	11311.92383
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11555.0	0.0000873	9499.91406	11098.15039
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11370.0	0.0000873	9500.28711	10886.11426
10988.0	0.0000907	9500.47363	10786.78418
11028.0	0.0000907	9500.66113	10693.88281
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10763.0	0.0000925	9501.03418	10527.09863
10870.0	0.0000925	9501.22070	10451.87988
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10592.0	0.0000943	9501.59375	10316.52148
10392.0	0.0000961	9501.78027	10257.83203
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10316.0	0.0000961	9502.15332	10163.70996
10142.0	0.0000980	9502.33984	10129.63281
10143.0	0.0000980	9502.52637	10104.44922
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10167.0	0.0000980	9503.27246	10075.23926

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10342.0	0.0000961	9504.20410	10075.40625
10018.0	0.0001000	9504.38965	10068.09082
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9961.0	0.0001000	9504.94824	10047.97656
10185.0	0.0000980	9505.13379	10047.07227
9939.0	0.0001000	9505.32031	10051.13965
10035.0	0.0001000	9505.50586	10060.43750
10192.0	0.0000980	9505.69141	10075.01855
10036.0	0.0001000	9505.87695	10094.37305
9750.0	0.0001020	9506.06348	10117.49609
9834.0	0.0001020	9506.24902	10142.86621
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10201.0	0.0000980	9506.62012	10192.39746
10188.0	0.0000980	9506.80566	10212.51855
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10160.0	0.0000980	9507.17676	10237.18848
10260.0	0.0000980	9507.36230	10241.84277
10164.0	0.0000980	9507.54688	10242.60547
10357.0	0.0000961	9507.73242	10240.63477
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10343.0	0.0000961	9508.28809	10221.54297
10327.0	0.0000961	9508.47266	10208.25000
10322.0	0.0000961	9508.65820	10189.67383
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10162.0	0.0000980	9509.95020	9971.68652
10164.0	0.0000980	9510.13477	9949.71973
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10088.0	0.0001000	9510.68750	9921.81445
9985.0	0.0001000	9510.87207	9925.51758
9855.0	0.0001020	9511.05566	9935.21289
10004.0	0.0001000	9511.24023	9950.18750
10272.0	0.0000980	9511.42383	9969.49219
10290.0	0.0000980	9511.60742	9992.06641
10047.0	0.0001000	9511.79102	10016.86914
10162.0	0.0000980	9511.97461	10043.10059
10401.0	0.0000961	9512.15820	10070.20703
10202.0	0.0000980	9512.34180	10097.96582
10414.0	0.0000961	9512.52539	10126.26465
10283.0	0.0000980	9512.70898	10154.88281
10278.0	0.0000980	9512.89160	10183.24414
9817.0	0.0001020	9513.07520	10210.19434
10234.0	0.0000980	9513.25781	10233.92676

10132.0	0.0000980	9513.44141	10251.88184
10315.0	0.0000961	9513.62402	10261.72754
10315.0	0.0000961	9513.80664	10260.96289
10191.0	0.0000980	9513.98926	10248.25488
10115.0	0.0000980	9514.17188	10223.79102
10182.0	0.0000980	9514.35449	10188.80957
10521.0	0.0000943	9514.53711	10147.03711
10047.0	0.0001000	9514.71973	10101.11328
9895.0	0.0001020	9514.90137	10053.95117
10105.0	0.0000980	9515.08398	10007.94922
10150.0	0.0000980	9515.26563	9964.92871
9885.0	0.0001020	9515.44824	9926.25488
10153.0	0.0000980	9515.62988	9892.76367
9764.0	0.0001020	9515.81152	9865.10059
9774.0	0.0001020	9515.99316	9843.65527
10071.0	0.0001000	9516.17480	9828.66895
9621.0	0.0001041	9516.35645	9820.14941
9722.0	0.0001020	9516.53711	9818.05371
9978.0	0.0001000	9516.71875	9822.15430
9836.0	0.0001020	9516.90039	9832.04883
9692.0	0.0001041	9517.08105	9847.10059
9914.0	0.0001000	9517.26172	9866.43945
9969.0	0.0001000	9517.44238	9888.95313
9884.0	0.0001020	9517.62402	9913.36426
9755.0	0.0001020	9517.80371	9938.28418
9944.0	0.0001000	9517.98438	9962.26660
9837.0	0.0001020	9518.16504	9983.76367
9883.0	0.0001020	9518.34570	10001.14648
10103.0	0.0000980	9518.52539	10012.77539
9897.0	0.0001020	9518.70605	10017.45703
9899.0	0.0001020	9518.88574	10014.81348
9943.0	0.0001000	9519.06543	10005.52930
9784.0	0.0001020	9519.24512	9991.01758
9979.0	0.0001000	9519.42480	9972.90723
9843.0	0.0001020	9519.60449	9952.46191
9837.0	0.0001020	9519.78418	9930.52344
9793.0	0.0001020	9519.96289	9907.45410
9742.0	0.0001020	9520.14258	9883.39648
9745.0	0.0001020	9520.32129	9858.49121
9724.0	0.0001020	9520.50000	9832.98926
9671.0	0.0001041	9520.67871	9807.38867
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9856.0	0.0001020	9521.39258	9714.60547
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9760.0	0.0001020	9521.74902	9678.45410
9656.0	0.0001041	9521.92676	9663.20313
9629.0	0.0001041	9522.10449	9649.74414
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9703.0	0.0001020	9522.45996	9627.83789
9560.0	0.0001041	9522.63770	9619.22949
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9707.0	0.0001020	9523.69922	9593.23535
9665.0	0.0001041	9523.87598	9592.51465
9451.0	0.0001063	9524.05273	9592.57324
9503.0	0.0001063	9524.22852	9593.42090
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9579.0	0.0001041	9524.58105	9597.32813
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9582.0	0.0001041	9524.93262	9603.81250
9696.0	0.0001041	9525.10840	9607.79199
9611.0	0.0001041	9525.28320	9612.12891
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9697.0	0.0001041	9525.80859	9626.72656
9754.0	0.0001020	9525.98340	9632.09473
9699.0	0.0001041	9526.15918	9637.67480
9703.0	0.0001020	9526.33301	9643.28125
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9581.0	0.0001041	9526.68164	9653.07910
9762.0	0.0001020	9526.85645	9656.20215
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9534.0	0.0001041	9528.58984	9597.91992
9611.0	0.0001041	9528.76270	9591.52832
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9591.0	0.0001041	9529.10742	9581.80762
9578.0	0.0001041	9529.27930	9578.59668
9495.0	0.0001063	9529.45215	9576.47559
9637.0	0.0001041	9529.62305	9575.42578
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9453.0	0.0001063	9529.96680	9576.54004
9653.0	0.0001041	9530.13770	9578.70410
9681.0	0.0001041	9530.30957	9581.96289
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9707.0	0.0001020	9530.65137	9591.70215
9478.0	0.0001063	9530.82227	9598.10352
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9540.0	0.0001041	9531.16309	9613.28906
9737.0	0.0001020	9531.33398	9621.57910
9658.0	0.0001041	9531.50391	9629.80859
9747.0	0.0001020	9531.67383	9637.44531
9656.0	0.0001041	9531.84375	9643.84570
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9684.0	0.0001041	9533.02832	9626.00293
9706.0	0.0001020	9533.19629	9617.79883
9578.0	0.0001041	9533.36523	9609.76953
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9643.0	0.0001041	9533.70117	9595.46582
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9625.0	0.0001041	9534.20410	9580.57910
9591.0	0.0001041	9534.37207	9577.38086
9646.0	0.0001041	9534.53906	9574.97656
9517.0	0.0001041	9534.70605	9573.27051
9627.0	0.0001041	9534.87305	9572.17383
9685.0	0.0001041	9535.04004	9571.58984
9640.0	0.0001041	9535.20605	9571.44824
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9575.0	0.0001041	9535.87109	9574.48730
9576.0	0.0001041	9536.03711	9576.46973
9566.0	0.0001041	9536.20313	9578.46680
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9643.0	0.0001041	9537.19238	9601.22266
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9643.0	0.0001041	9538.82910	9688.46680
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9603.0	0.0001041	9539.31738	9711.93945
9733.0	0.0001020	9539.47949	9717.36523
9771.0	0.0001020	9539.64160	9721.97656
9817.0	0.0001020	9539.80273	9726.20605
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9817.0	0.0001020	9540.93066	9765.36914
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9806.0	0.0001020	9541.89160	9812.06738
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9683.0	0.0001041	9543.63477	9733.11035
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9798.0	0.0001020	9544.57715	9728.75000
9713.0	0.0001020	9544.73340	9732.31152
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9719.0	0.0001020	9545.04590	9744.17969
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9882.0	0.0001020	9545.35742	9766.10840
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10171.0	0.0000980	9547.97559	10009.02344
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9917.0	0.0001000	9548.73633	9960.86914
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10071.0	0.0001000	9551.13965	9925.55273
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9861.0	0.0001020	9552.32422	9770.19824
9706.0	0.0001020	9552.47070	9764.81055
9878.0	0.0001020	9552.61816	9761.03320
9823.0	0.0001020	9552.76465	9758.02637
9681.0	0.0001041	9552.91211	9755.00879
9762.0	0.0001020	9553.05859	9751.29492
9646.0	0.0001041	9553.20508	9746.06738
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9687.0	0.0001041	9555.09180	9627.28906
9688.0	0.0001041	9555.23535	9621.63867
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10088.0	0.0001000	9566.59961	9958.06055
10072.0	0.0001000	9566.72949	9923.05566
9858.0	0.0001020	9566.86035	9887.43652
10060.0	0.0001000	9566.99023	9852.71094
9942.0	0.0001000	9567.12012	9820.00977
9463.0	0.0001063	9567.25000	9790.10742
9525.0	0.0001041	9567.37988	9763.51270
9725.0	0.0001020	9567.50879	9740.47559
9782.0	0.0001020	9567.63867	9721.06641
9409.0	0.0001063	9567.76758	9705.19531
9703.0	0.0001020	9567.89648	9692.66504
9708.0	0.0001020	9568.02637	9683.20020
9729.0	0.0001020	9568.15430	9676.50391
9751.0	0.0001020	9568.28320	9672.25098
9539.0	0.0001041	9568.41211	9670.13086
9642.0	0.0001041	9568.54004	9669.86133
9679.0	0.0001041	9568.66895	9671.16992
9539.0	0.0001041	9568.79688	9673.81348
9651.0	0.0001041	9568.92480	9677.54883
9514.0	0.0001041	9569.05273	9682.15039
9651.0	0.0001041	9569.18066	9687.35938
9471.0	0.0001063	9569.30762	9692.89551
9721.0	0.0001020	9569.43555	9698.44238
9551.0	0.0001041	9569.56250	9703.60645
9340.0	0.0001063	9569.69043	9707.99414
9313.0	0.0001063	9569.81738	9711.21289
9613.0	0.0001041	9569.94434	9712.96191
9458.0	0.0001063	9570.07129	9713.10742
9439.0	0.0001063	9570.19824	9711.76074
9629.0	0.0001041	9570.32422	9709.05176
9594.0	0.0001041	9570.45117	9705.40137
9465.0	0.0001063	9570.57715	9701.20117
9535.0	0.0001041	9570.70313	9696.81250
9633.0	0.0001041	9570.82910	9692.57031
9662.0	0.0001041	9570.95508	9688.72949
9667.0	0.0001041	9571.08105	9685.48926
9614.0	0.0001041	9571.20703	9683.02539
9569.0	0.0001041	9571.33203	9681.44824
9506.0	0.0001063	9571.45801	9680.88770
9463.0	0.0001063	9571.58301	9681.43652
9762.0	0.0001020	9571.70801	9683.18066
9417.0	0.0001063	9571.83398	9686.22363

9435.0	0.0001063	9571.95898	9690.65234
9747.0	0.0001020	9572.08301	9696.57520
9773.0	0.0001020	9572.20801	9704.12109
9669.0	0.0001041	9572.33301	9713.41504
9773.0	0.0001020	9572.45703	9724.60352
9433.0	0.0001063	9572.58203	9737.87305
9685.0	0.0001041	9572.70605	9753.37598
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9514.0	0.0001041	9572.95410	9791.83203
9819.0	0.0001020	9573.07813	9815.12598
9794.0	0.0001020	9573.20215	9841.30859
9795.0	0.0001020	9573.32520	9870.41895
9730.0	0.0001020	9573.44922	9902.39844
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9830.0	0.0001020	9574.43359	10232.20605
10480.0	0.0000961	9574.55664	10279.49414
10419.0	0.0000961	9574.67871	10326.44238
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10582.0	0.0000943	9575.04590	10445.77148
10649.0	0.0000943	9575.16797	10470.25098
10687.0	0.0000943	9575.29004	10484.16016
10807.0	0.0000925	9575.41211	10486.86035
10445.0	0.0000961	9575.53418	10480.14746
10364.0	0.0000961	9575.65527	10466.96191
10839.0	0.0000925	9575.77734	10451.00098
10605.0	0.0000943	9575.89844	10436.04395
10347.0	0.0000961	9576.02051	10425.46094
10501.0	0.0000961	9576.14160	10421.97461
10348.0	0.0000961	9576.26270	10427.57031
10610.0	0.0000943	9576.38379	10443.64355
10736.0	0.0000925	9576.50488	10470.37012
10431.0	0.0000961	9576.62598	10507.66113
10557.0	0.0000943	9576.74609	10554.51953
10536.0	0.0000943	9576.86719	10609.09570
10688.0	0.0000943	9576.98828	10668.63770
10516.0	0.0000943	9577.10840	10729.63281
10927.0	0.0000907	9577.22852	10787.29102
11111.0	0.0000907	9577.34961	10836.95996
11087.0	0.0000907	9577.46973	10874.21973
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11201.0	0.0000890	9577.83008	10890.31836
11195.0	0.0000890	9577.95020	10866.80762
11239.0	0.0000890	9578.07031	10833.57910
10986.0	0.0000907	9578.18945	10793.69922
10970.0	0.0000907	9578.30957	10749.48633
10896.0	0.0000925	9578.42871	10702.40332

10678.0	0.0000943	9578.54883	10653.27051
10761.0	0.0000925	9578.66797	10602.55371
10838.0	0.0000925	9578.78711	10550.75000
10516.0	0.0000943	9578.90723	10498.52637
10747.0	0.0000925	9579.02637	10446.69238
10390.0	0.0000961	9579.14551	10396.08887
10607.0	0.0000943	9579.26465	10347.40430
10629.0	0.0000943	9579.38281	10301.18359
10379.0	0.0000961	9579.50195	10257.87109
10558.0	0.0000943	9579.62109	10218.01367
10434.0	0.0000961	9579.74023	10182.28809
10399.0	0.0000961	9579.85840	10151.50391
10212.0	0.0000980	9579.97754	10126.48535
10345.0	0.0000961	9580.09570	10107.92383
10212.0	0.0000980	9580.21387	10096.29883
10337.0	0.0000961	9580.33301	10092.01563
10273.0	0.0000980	9580.45117	10094.45410
10222.0	0.0000980	9580.56934	10103.39453
10252.0	0.0000980	9580.68750	10117.83398
10227.0	0.0000980	9580.80566	10136.55859
10308.0	0.0000961	9580.92383	10157.85840
10412.0	0.0000961	9581.04199	10179.63379
10448.0	0.0000961	9581.16016	10199.56055
10391.0	0.0000961	9581.27734	10215.40039
10339.0	0.0000961	9581.39551	10225.53516
10431.0	0.0000961	9581.51367	10229.34375
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10254.0	0.0000980	9582.21875	10174.80078
10167.0	0.0000980	9582.33594	10160.58789
10288.0	0.0000980	9582.45313	10144.27734
10187.0	0.0000980	9582.57031	10124.78418
10160.0	0.0000980	9582.68750	10101.43262
10127.0	0.0000980	9582.80469	10074.07910
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10108.0	0.0000980	9583.03906	10009.86621
10015.0	0.0001000	9583.15625	9975.23145
9922.0	0.0001000	9583.27344	9940.53223
10055.0	0.0001000	9583.39063	9906.81934
9924.0	0.0001000	9583.50684	9874.91992
9962.0	0.0001000	9583.62402	9845.43457
9792.0	0.0001020	9583.74121	9818.76465
9826.0	0.0001020	9583.85742	9795.13281
9724.0	0.0001020	9583.97461	9774.64453
9710.0	0.0001020	9584.09082	9757.26953
9697.0	0.0001041	9584.20703	9742.95410
9759.0	0.0001020	9584.32422	9731.60547
9693.0	0.0001041	9584.44043	9723.01465
9745.0	0.0001020	9584.55664	9717.08496
9772.0	0.0001020	9584.67383	9713.67578
9789.0	0.0001020	9584.79004	9712.73828

9742.0	0.0001020	9584.90625	9714.08594
9791.0	0.0001020	9585.02246	9717.69531
9760.0	0.0001020	9585.13867	9723.49902
9789.0	0.0001020	9585.25488	9731.41699
9716.0	0.0001020	9585.37109	9741.36328
9727.0	0.0001020	9585.48730	9753.18555
9765.0	0.0001020	9585.60352	9766.68945
9869.0	0.0001020	9585.71973	9781.58105
9848.0	0.0001020	9585.83594	9797.27539
9817.0	0.0001020	9585.95215	9813.65039
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9875.0	0.0001020	9586.53223	9875.13379
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10068.0	0.0001000	9586.76367	9875.83594
9832.0	0.0001020	9586.87988	9870.30859
9795.0	0.0001020	9586.99609	9861.81641
9797.0	0.0001020	9587.11133	9851.39648
9832.0	0.0001020	9587.22754	9840.09766
9858.0	0.0001020	9587.34375	9828.89551
9894.0	0.0001020	9587.45898	9818.56055
9619.0	0.0001041	9587.57520	9809.68066
9742.0	0.0001020	9587.69043	9802.58301
9810.0	0.0001020	9587.80664	9797.46582
9942.0	0.0001000	9587.92188	9794.30762
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9861.0	0.0001020	9588.26953	9794.08594
9866.0	0.0001020	9588.38477	9795.61719
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9809.0	0.0001020	9588.61621	9797.95508
9702.0	0.0001041	9588.73242	9798.46777
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9871.0	0.0001020	9588.96387	9798.31055
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9774.0	0.0001020	9589.31055	9799.43262
9731.0	0.0001020	9589.42578	9800.97070
9762.0	0.0001020	9589.54199	9803.44531
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9791.0	0.0001020	9589.77344	9810.09277
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9873.0	0.0001020	9590.00391	9817.43652
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9780.0	0.0001020	9590.23535	9821.46973
9878.0	0.0001020	9590.35156	9820.97559
9871.0	0.0001020	9590.46680	9818.39258
9785.0	0.0001020	9590.58301	9813.65527
9762.0	0.0001020	9590.69824	9806.84180
9758.0	0.0001020	9590.81445	9798.15430
9847.0	0.0001020	9590.92969	9787.86426
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9852.0	0.0001020	9591.16113	9763.97070
9678.0	0.0001041	9591.27637	9751.25879
9720.0	0.0001020	9591.39258	9738.61719
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9792.0	0.0001020	9591.62402	9715.03516
9570.0	0.0001041	9591.74023	9704.63574
9778.0	0.0001020	9591.85547	9695.40625
9586.0	0.0001041	9591.97168	9687.44434
9650.0	0.0001041	9592.08691	9680.80176
9617.0	0.0001041	9592.20313	9675.52441
9673.0	0.0001041	9592.31934	9671.70801
9791.0	0.0001020	9592.43457	9669.13477
9674.0	0.0001041	9592.55078	9667.89160
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9738.0	0.0001020	9593.24707	9686.41602
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9761.0	0.0001020	9593.47949	9700.89160
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9684.0	0.0001041	9593.71191	9717.73047
9896.0	0.0001020	9593.82813	9726.53027
9893.0	0.0001020	9593.94434	9735.27051
9728.0	0.0001020	9594.06055	9743.73145
9842.0	0.0001020	9594.17676	9751.68750
9891.0	0.0001020	9594.29297	9758.91016
9862.0	0.0001020	9594.40918	9765.11035
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9859.0	0.0001020	9594.99219	9769.38574
9805.0	0.0001020	9595.10840	9763.60742
9859.0	0.0001020	9595.22559	9755.99805
9958.0	0.0001000	9595.34180	9747.06445
9746.0	0.0001020	9595.45898	9737.34082
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9742.0	0.0001020	9595.69238	9717.38770
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9689.0	0.0001041	9596.04395	9690.78125
9687.0	0.0001041	9596.16113	9683.47754
9698.0	0.0001041	9596.27734	9677.05078
9754.0	0.0001020	9596.39453	9671.50879
9807.0	0.0001020	9596.51172	9666.81543
9704.0	0.0001020	9596.62988	9662.91113
9481.0	0.0001063	9596.74707	9659.71484
9871.0	0.0001020	9596.86426	9657.14355
9626.0	0.0001041	9596.98145	9655.09180
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9606.0	0.0001041	9597.21680	9652.29004
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9662.0	0.0001041	9599.81934	9716.67969
9747.0	0.0001020	9599.93848	9731.39551
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10227.0	0.0000980	9607.00977	10221.75391
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9952.0	0.0001000	9664.33203	9975.42676
10054.0	0.0001000	9664.52441	9982.69727
10081.0	0.0001000	9664.71680	9994.81836
9901.0	0.0001000	9664.90918	10011.92871
10166.0	0.0000980	9665.10156	10034.01660
10076.0	0.0001000	9665.29395	10060.97852
10134.0	0.0000980	9665.48633	10092.19922
10126.0	0.0000980	9665.67969	10127.14063
10298.0	0.0000980	9665.87207	10164.93164
10368.0	0.0000961	9666.06543	10204.47168
10427.0	0.0000961	9666.25879	10244.49707
10353.0	0.0000961	9666.45215	10283.64355
10576.0	0.0000943	9666.64551	10320.49219
10642.0	0.0000943	9666.83887	10353.76855
10602.0	0.0000943	9667.03320	10382.32422
10518.0	0.0000943	9667.22656	10405.14063
10774.0	0.0000925	9667.42090	10421.39063
10741.0	0.0000925	9667.61523	10430.60938
10641.0	0.0000943	9667.80859	10432.74219
10640.0	0.0000943	9668.00391	10428.23047
10585.0	0.0000943	9668.19824	10417.85059
10589.0	0.0000943	9668.39258	10402.56250
10604.0	0.0000943	9668.58691	10383.36816
10521.0	0.0000943	9668.78223	10360.75098
10515.0	0.0000943	9668.97754	10335.25781
10456.0	0.0000961	9669.17188	10307.19238
10486.0	0.0000961	9669.36719	10276.86133
10394.0	0.0000961	9669.56250	10244.69727
10485.0	0.0000961	9669.75781	10211.36719
10226.0	0.0000980	9669.95410	10177.75977
10243.0	0.0000980	9670.14941	10144.88672
10391.0	0.0000961	9670.34473	10113.76855
10253.0	0.0000980	9670.54102	10085.34082
10047.0	0.0001000	9670.73730	10060.43066
10134.0	0.0000980	9670.93359	10039.68848
10116.0	0.0000980	9671.12988	10023.63672
10105.0	0.0000980	9671.32617	10012.70020
9992.0	0.0001000	9671.52246	10007.14160
9868.0	0.0001020	9671.71875	10007.13184
10063.0	0.0001000	9671.91504	10012.71973
10146.0	0.0000980	9672.11230	10023.82422
10283.0	0.0000980	9672.30859	10040.20508
10164.0	0.0000980	9672.50586	10061.45117
10198.0	0.0000980	9672.70313	10086.96777

10232.0	0.0000980	9672.90039	10115.95020
10195.0	0.0000980	9673.09766	10147.33691
10339.0	0.0000961	9673.29492	10179.83594
10431.0	0.0000961	9673.49219	10211.87012
10526.0	0.0000943	9673.68945	10241.70801
10747.0	0.0000925	9673.88672	10267.56445
10534.0	0.0000943	9674.08496	10287.83105
10559.0	0.0000943	9674.28223	10301.35840
10479.0	0.0000961	9674.48047	10307.56543
10597.0	0.0000943	9674.67871	10306.50781
10531.0	0.0000943	9674.87598	10298.70020
10479.0	0.0000961	9675.07422	10284.90820
10372.0	0.0000961	9675.27246	10266.03027
10363.0	0.0000961	9675.47070	10242.85059
10313.0	0.0000961	9675.66895	10216.21289
10260.0	0.0000980	9675.86816	10186.96191
10088.0	0.0001000	9676.06641	10155.99414
10064.0	0.0001000	9676.26465	10124.34863
9964.0	0.0001000	9676.46387	10093.05566
10152.0	0.0000980	9676.66211	10063.11230
10105.0	0.0000980	9676.86133	10035.37598
10098.0	0.0001000	9677.06055	10010.51563
10058.0	0.0001000	9677.25879	9989.00684
9971.0	0.0001000	9677.45801	9971.15723
9964.0	0.0001000	9677.65723	9957.11230
10010.0	0.0001000	9677.85645	9946.36816
9931.0	0.0001000	9678.05566	9939.90820
10105.0	0.0000980	9678.25488	9937.01953
9940.0	0.0001000	9678.45410	9937.46094
9952.0	0.0001000	9678.65430	9940.88965
10057.0	0.0001000	9678.85352	9946.93164
9930.0	0.0001000	9679.05273	9955.18066
10042.0	0.0001000	9679.25293	9965.19336
10177.0	0.0000980	9679.45215	9976.52246
9965.0	0.0001000	9679.65234	9988.80664
10048.0	0.0001000	9679.85156	10001.77539
10122.0	0.0000980	9680.05176	10015.31348
10071.0	0.0001000	9680.25195	10029.49609
10028.0	0.0001000	9680.45215	10044.53516
10158.0	0.0000980	9680.65137	10060.73633
10123.0	0.0000980	9680.85156	10078.45605
10244.0	0.0000980	9681.05176	10097.99414
10287.0	0.0000980	9681.25195	10119.59961
10247.0	0.0000980	9681.45215	10143.42090
10218.0	0.0000980	9681.65234	10169.52246
10485.0	0.0000961	9681.85254	10197.85840
10473.0	0.0000961	9682.05273	10228.27930
10440.0	0.0000961	9682.25391	10260.54004
10426.0	0.0000961	9682.45410	10294.23730
10547.0	0.0000943	9682.65430	10328.93164
10534.0	0.0000943	9682.85449	10364.10645
10648.0	0.0000943	9683.05566	10399.23242
10791.0	0.0000925	9683.25586	10433.73926
10868.0	0.0000925	9683.45703	10467.10938

10969.0	0.0000907	9683.65723	10498.86035
10784.0	0.0000925	9683.85840	10528.64453
11113.0	0.0000907	9684.05859	10556.36816
10848.0	0.0000925	9684.25977	10582.24023
10770.0	0.0000925	9684.45996	10606.78613
10957.0	0.0000907	9684.66113	10630.68262
10816.0	0.0000925	9684.86133	10654.61133
10910.0	0.0000925	9685.06250	10679.07227
11014.0	0.0000907	9685.26367	10704.24707
10750.0	0.0000925	9685.46387	10730.03223
10912.0	0.0000925	9685.66504	10756.10254
10850.0	0.0000925	9685.86621	10782.04688
11045.0	0.0000907	9686.06641	10807.50586
11007.0	0.0000907	9686.26758	10832.24414
11012.0	0.0000907	9686.46875	10856.14844
11031.0	0.0000907	9686.66992	10879.10938
11159.0	0.0000890	9686.87012	10900.99316
10996.0	0.0000907	9687.07129	10921.47461
11198.0	0.0000890	9687.27246	10939.93066
11403.0	0.0000873	9687.47363	10955.46191
10990.0	0.0000907	9687.67383	10966.86426
11119.0	0.0000907	9687.87500	10972.81055
11202.0	0.0000890	9688.07617	10972.00391
11072.0	0.0000907	9688.27734	10963.39746
11230.0	0.0000890	9688.47852	10946.31055
10943.0	0.0000907	9688.67871	10920.56152
10681.0	0.0000943	9688.87988	10886.42188
10637.0	0.0000943	9689.08105	10844.52539
10720.0	0.0000925	9689.28223	10795.82129
10723.0	0.0000925	9689.48242	10741.60254
10592.0	0.0000943	9689.68359	10683.44043
10410.0	0.0000961	9689.88477	10622.78809
10547.0	0.0000943	9690.08594	10561.71875
10289.0	0.0000980	9690.28613	10502.12012
10262.0	0.0000980	9690.48730	10445.75391
10518.0	0.0000943	9690.68848	10394.06836
10290.0	0.0000980	9690.88867	10348.23730
10322.0	0.0000961	9691.08984	10309.11816
10070.0	0.0001000	9691.29004	10277.24121
10223.0	0.0000980	9691.49121	10252.88477
10046.0	0.0001000	9691.69141	10236.04785
10072.0	0.0001000	9691.89258	10226.50293
10331.0	0.0000961	9692.09277	10223.77344
10097.0	0.0001000	9692.29395	10227.17480
10125.0	0.0000980	9692.49414	10235.81152
10136.0	0.0000980	9692.69531	10248.60059
10227.0	0.0000980	9692.89551	10264.21484
10195.0	0.0000980	9693.09570	10281.30176
10494.0	0.0000961	9693.29688	10298.44043
10382.0	0.0000961	9693.49707	10314.22949
10319.0	0.0000961	9693.69727	10327.40723
10301.0	0.0000980	9693.89746	10336.83496
10186.0	0.0000980	9694.09766	10341.58301
10299.0	0.0000980	9694.29785	10340.90137

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10385.0	0.0000961	9694.69824	10321.37988
10309.0	0.0000961	9694.89844	10302.43359
10167.0	0.0000980	9695.09863	10277.91406
10074.0	0.0001000	9695.29883	10248.73145
10364.0	0.0000961	9695.49805	10216.03125
10116.0	0.0000980	9695.69824	10181.16211
10063.0	0.0001000	9695.89844	10145.43555
10152.0	0.0000980	9696.09766	10110.06250
9904.0	0.0001000	9696.29785	10076.04785
9684.0	0.0001041	9696.49707	10044.20215
10048.0	0.0001000	9696.69727	10015.13477
10030.0	0.0001000	9696.89648	9989.24609
10008.0	0.0001000	9697.09570	9966.79883
10009.0	0.0001000	9697.29492	9947.89160
9744.0	0.0001020	9697.49414	9932.52246
9965.0	0.0001000	9697.69336	9920.55566
9865.0	0.0001020	9697.89258	9911.80859
10275.0	0.0000980	9698.09180	9905.97266
9651.0	0.0001041	9698.29102	9902.74023
9787.0	0.0001020	9698.49023	9901.72754
10165.0	0.0000980	9698.68848	9902.52441
10217.0	0.0000980	9698.88770	9904.71484
9860.0	0.0001020	9699.08594	9907.85156
10062.0	0.0001000	9699.28418	9911.50879
9805.0	0.0001020	9699.48340	9915.27930
9855.0	0.0001020	9699.68164	9918.80566
10035.0	0.0001000	9699.87988	9921.80273
9816.0	0.0001020	9700.07813	9924.06055
10075.0	0.0001000	9700.27637	9925.48340
9978.0	0.0001000	9700.47363	9926.08105
9872.0	0.0001020	9700.67188	9925.96191
9961.0	0.0001000	9700.87012	9925.35742
10032.0	0.0001000	9701.06738	9924.56348
10037.0	0.0001000	9701.26563	9923.92676
9940.0	0.0001000	9701.46289	9923.91699
9929.0	0.0001000	9701.66016	9924.89453
10226.0	0.0000980	9701.85742	9927.22949
10058.0	0.0001000	9702.05469	9931.19238
9984.0	0.0001000	9702.25195	9937.01172
10060.0	0.0001000	9702.44824	9944.80176
10024.0	0.0001000	9702.64551	9954.60059
10106.0	0.0000980	9702.84180	9966.33105
10067.0	0.0001000	9703.03906	9979.82422
10148.0	0.0000980	9703.23535	9994.85254
10243.0	0.0000980	9703.43164	10010.86816
10238.0	0.0000980	9703.62793	10027.42480
10213.0	0.0000980	9703.82422	10043.90820
10243.0	0.0000980	9704.02051	10059.43652
10271.0	0.0000980	9704.21582	10074.04492
10348.0	0.0000961	9704.41211	10087.12598
10358.0	0.0000961	9704.60742	10098.55664
10350.0	0.0000961	9704.80273	10108.47656
10352.0	0.0000961	9704.99805	10117.13086

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10263.0	0.0000980	9705.58301	10137.68945
10165.0	0.0000980	9705.77832	10142.71387
10424.0	0.0000961	9705.97266	10146.31348
10285.0	0.0000980	9706.16699	10147.97852
10269.0	0.0000980	9706.36230	10147.19043
10284.0	0.0000980	9706.55566	10143.49805
10259.0	0.0000980	9706.75000	10136.77051
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10062.0	0.0001000	9707.13770	10115.46973
10148.0	0.0000980	9707.33105	10102.33887
9963.0	0.0001000	9707.52441	10088.86230
10182.0	0.0000980	9707.71777	10076.02539
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10023.0	0.0001000	9709.06641	10050.77637
10176.0	0.0000980	9709.25879	10056.27246
9972.0	0.0001000	9709.45020	10062.32422
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10160.0	0.0000980	9709.83301	10071.92676
10133.0	0.0000980	9710.02441	10073.42480
10156.0	0.0000980	9710.21582	10071.67578
10214.0	0.0000980	9710.40625	10066.33691
10160.0	0.0000980	9710.59766	10057.45117
10159.0	0.0000980	9710.78711	10045.34375
10139.0	0.0000980	9710.97754	10030.53516
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9948.0	0.0001000	9711.35840	9995.23730
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10007.0	0.0001000	9711.73730	9956.42969
10022.0	0.0001000	9711.92676	9937.10254
9878.0	0.0001020	9712.11621	9918.48730
9994.0	0.0001000	9712.30469	9900.99414
9815.0	0.0001020	9712.49316	9884.94434
9818.0	0.0001020	9712.68164	9870.62695
9814.0	0.0001020	9712.87012	9858.18457
9817.0	0.0001020	9713.05859	9847.80957
9832.0	0.0001020	9713.24609	9839.31738
9869.0	0.0001020	9713.43359	9832.77441
9786.0	0.0001020	9713.62207	9828.11719
9630.0	0.0001041	9713.80859	9825.22559
9852.0	0.0001020	9713.99609	9823.99805
9849.0	0.0001020	9714.18262	9824.29102
9899.0	0.0001020	9714.36914	9825.96289
9913.0	0.0001000	9714.55566	9828.88477
9869.0	0.0001020	9714.74219	9832.90625
9836.0	0.0001020	9714.92773	9837.88379
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9994.0	0.0001000	9715.29883	9850.17188

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9883.0	0.0001020	9717.14063	9915.61816
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9881.0	0.0001020	9718.05273	9919.92969
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9939.0	0.0001000	9719.67773	9976.64648
9962.0	0.0001000	9719.85645	9993.25098
9908.0	0.0001000	9720.03516	10012.07422
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10167.0	0.0000980	9721.27930	10169.31836
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10140.0	0.0000980	9721.63281	10197.91699
10370.0	0.0000961	9721.80859	10204.73926
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10508.0	0.0000943	9722.16016	10201.10645
10373.0	0.0000961	9722.33496	10190.61230
10421.0	0.0000961	9722.50977	10174.91211
10445.0	0.0000961	9722.68457	10154.81836
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10364.0	0.0000961	9723.03223	10105.06445
10136.0	0.0000980	9723.20605	10077.60352
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10166.0	0.0000980	9723.72461	9994.74512
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9940.0	0.0001000	9724.41211	9902.74121
9883.0	0.0001020	9724.58301	9884.76660
9891.0	0.0001020	9724.75391	9869.05273
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9811.0	0.0001020	9725.94043	9811.18750
9741.0	0.0001020	9726.10840	9808.96094
9885.0	0.0001020	9726.27539	9807.85645
9774.0	0.0001020	9726.44336	9807.68750
9898.0	0.0001020	9726.61035	9808.36133
9862.0	0.0001020	9726.77734	9809.74512
9778.0	0.0001020	9726.94336	9811.72363
9626.0	0.0001041	9727.10938	9814.19531
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9785.0	0.0001020	9727.44043	9819.97656
9937.0	0.0001000	9727.60547	9823.04492
9800.0	0.0001020	9727.76953	9826.06836
9896.0	0.0001020	9727.93359	9828.96680
9769.0	0.0001020	9728.09766	9831.70020
9786.0	0.0001020	9728.26172	9834.30859
9855.0	0.0001020	9728.42480	9836.92383
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9816.0	0.0001020	9728.75000	9843.12793
9891.0	0.0001020	9728.91211	9847.29883
9942.0	0.0001000	9729.07324	9852.59863
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9929.0	0.0001000	9729.39551	9867.63086
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9994.0	0.0001000	9730.19434	9935.68652
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9869.0	0.0001020	9730.51074	9971.80762
9994.0	0.0001000	9730.66895	9989.99219
10089.0	0.0001000	9730.82617	10007.34277
10022.0	0.0001000	9730.98340	10023.04492
10046.0	0.0001000	9731.14063	10036.27539
10114.0	0.0000980	9731.29688	10046.20215
10103.0	0.0000980	9731.45215	10052.12402
9980.0	0.0001000	9731.60742	10053.62695
9964.0	0.0001000	9731.76270	10050.64160
10027.0	0.0001000	9731.91699	10043.41992
9912.0	0.0001000	9732.07129	10032.50195
10021.0	0.0001000	9732.22559	10018.58105
9783.0	0.0001020	9732.37891	10002.42871
9892.0	0.0001020	9732.53223	9984.81836
9879.0	0.0001020	9732.68457	9966.50781
9872.0	0.0001020	9732.83691	9948.09668
9780.0	0.0001020	9732.98828	9930.15234
9816.0	0.0001020	9733.13965	9913.09961
9901.0	0.0001000	9733.29102	9897.28613
9815.0	0.0001020	9733.44141	9882.75391
10079.0	0.0001000	9733.59180	9869.68262

9882.0	0.0001020	9733.74121	9857.92871
9866.0	0.0001020	9733.89063	9847.50098
9887.0	0.0001020	9734.03906	9838.38477
9775.0	0.0001020	9734.18750	9830.35547
9777.0	0.0001020	9734.33594	9823.40430
9864.0	0.0001020	9734.48340	9817.49609
9998.0	0.0001000	9734.63086	9812.56250
9772.0	0.0001020	9734.77734	9808.56543
9863.0	0.0001020	9734.92383	9805.45703
9949.0	0.0001000	9735.06934	9803.20020
9724.0	0.0001020	9735.21484	9801.85938
9685.0	0.0001041	9735.35938	9801.23242
9706.0	0.0001020	9735.50391	9801.40527
9783.0	0.0001020	9735.64746	9802.37109
9835.0	0.0001020	9735.79199	9804.13379
9778.0	0.0001020	9735.93457	9806.78809
9716.0	0.0001020	9736.07715	9810.13477
9874.0	0.0001020	9736.21973	9814.26270
9935.0	0.0001000	9736.36133	9819.20508
9970.0	0.0001000	9736.50293	9824.91895
9936.0	0.0001000	9736.64355	9831.37695
9992.0	0.0001000	9736.78418	9838.59082
9943.0	0.0001000	9736.92383	9846.52930
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9892.0	0.0001020	9737.20215	9864.43262
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10058.0	0.0001000	9737.89063	9915.28613
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10194.0	0.0000980	9738.16211	9933.46387
9975.0	0.0001000	9738.29785	9940.88867
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9953.0	0.0001000	9738.56641	9950.57910
10174.0	0.0000980	9738.70020	9952.18262
10062.0	0.0001000	9738.83398	9951.31836
10044.0	0.0001000	9738.96680	9947.98242
10086.0	0.0001000	9739.09863	9942.40332
10052.0	0.0001000	9739.23047	9934.83691
9987.0	0.0001000	9739.36230	9925.81543
10134.0	0.0000980	9739.49316	9915.85840
10123.0	0.0000980	9739.62305	9905.49707
9983.0	0.0001000	9739.75293	9895.13281
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9906.0	0.0001000	9740.01172	9875.96680
9765.0	0.0001020	9740.13965	9867.62402
9912.0	0.0001000	9740.26758	9860.29297
9894.0	0.0001020	9740.39551	9854.05762
9825.0	0.0001020	9740.52246	9848.92676
9760.0	0.0001020	9740.64844	9844.83105
9845.0	0.0001020	9740.77441	9841.66504
9851.0	0.0001020	9740.89941	9839.25977
9737.0	0.0001020	9741.02441	9837.42090

9860.0	0.0001020	9741.14941	9835.94434
9835.0	0.0001020	9741.27246	9834.58496
9851.0	0.0001020	9741.39648	9833.16211
9889.0	0.0001020	9741.51855	9831.27832
9937.0	0.0001000	9741.64160	9829.16016
9884.0	0.0001020	9741.76270	9826.60254
9959.0	0.0001000	9741.88477	9823.55078
9723.0	0.0001020	9742.00488	9820.11621
9818.0	0.0001020	9742.12500	9816.42090
9752.0	0.0001020	9742.24512	9812.57227
9935.0	0.0001000	9742.36426	9808.70996
9863.0	0.0001020	9742.48242	9804.94629
9814.0	0.0001020	9742.60059	9801.37305
9793.0	0.0001020	9742.71875	9798.08203
9854.0	0.0001020	9742.83496	9795.11621
9623.0	0.0001041	9742.95215	9792.55273
9664.0	0.0001041	9743.06738	9790.38672
9794.0	0.0001020	9743.18359	9788.61035
9806.0	0.0001020	9743.29785	9786.91895
9659.0	0.0001041	9743.41211	9785.95703
9761.0	0.0001020	9743.52637	9785.40430
9773.0	0.0001020	9743.63965	9785.18945
9749.0	0.0001020	9743.75195	9785.47949
9729.0	0.0001020	9743.86426	9785.96191
9913.0	0.0001000	9743.97656	9786.78516
9773.0	0.0001020	9744.08691	9787.95605
9854.0	0.0001020	9744.19824	9789.49512
9904.0	0.0001000	9744.30762	9791.42578
9782.0	0.0001020	9744.41699	9793.79102
9845.0	0.0001020	9744.52637	9796.66602
9953.0	0.0001000	9744.63477	9800.08496
9696.0	0.0001041	9744.74219	9804.14355
9751.0	0.0001020	9744.84961	9808.37988
9950.0	0.0001000	9744.95605	9813.97266
9915.0	0.0001000	9745.06250	9820.46973
10138.0	0.0000980	9745.16797	9827.97168
9889.0	0.0001020	9745.27246	9836.57031
9772.0	0.0001020	9745.37695	9846.33984
10023.0	0.0001000	9745.48047	9857.37207
9945.0	0.0001000	9745.58398	9869.80469
10071.0	0.0001000	9745.68652	9883.65723
10081.0	0.0001000	9745.78906	9898.78809
10046.0	0.0001000	9745.89063	9915.36426
10043.0	0.0001000	9745.99121	9933.41895
10248.0	0.0000980	9746.09180	9952.95410
10021.0	0.0001000	9746.19141	9973.95703
10171.0	0.0000980	9746.29102	9996.41797
10079.0	0.0001000	9746.38965	10020.31055
10331.0	0.0000961	9746.48730	10045.65332
10215.0	0.0000980	9746.58496	10072.50781
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10401.0	0.0000961	9746.77832	10131.25098
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10170.0	0.0000980	9746.96973	10198.92090

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10439.0	0.0000961	9747.34473	10370.74707
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10558.0	0.0000943	9747.52832	10471.12402
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10628.0	0.0000943	9747.70996	10568.07715
10811.0	0.0000925	9747.79980	10609.70313
10707.0	0.0000943	9747.88867	10643.21973
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10620.0	0.0000943	9748.06543	10675.78223
11069.0	0.0000907	9748.15332	10671.28125
10651.0	0.0000943	9748.24023	10652.27539
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10737.0	0.0000925	9748.49707	10522.36621
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10274.0	0.0000980	9748.83105	10271.89063
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10126.0	0.0000980	9749.31445	9974.32617
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9876.0	0.0001020	9749.46973	9916.36133
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9854.0	0.0001020	9749.62402	9876.16406
9861.0	0.0001020	9749.69922	9861.46484
9983.0	0.0001000	9749.77441	9849.66602
9873.0	0.0001020	9749.84961	9840.30957
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9934.0	0.0001000	9749.99707	9827.22559
10007.0	0.0001000	9750.06934	9822.84082
9907.0	0.0001000	9750.14160	9819.06250
9950.0	0.0001000	9750.21289	9816.67969
9817.0	0.0001020	9750.28418	9815.05371
9741.0	0.0001020	9750.35449	9814.10059
9960.0	0.0001000	9750.42383	9813.77539
9688.0	0.0001041	9750.49219	9814.04395
9790.0	0.0001020	9750.56055	9814.92090
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9842.0	0.0001020	9750.69531	9818.63086
9913.0	0.0001000	9750.76172	9821.56445
9756.0	0.0001020	9750.82813	9825.38574
9706.0	0.0001020	9750.89258	9829.99707
9463.0	0.0001063	9750.95703	9835.54297
9688.0	0.0001041	9751.02148	9842.07129
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9808.0	0.0001020	9751.14746	9858.16895
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9946.0	0.0001000	9751.73730	9971.17969
10145.0	0.0000980	9751.79297	9979.09863
10145.0	0.0000980	9751.84766	9985.14063
9988.0	0.0001000	9751.90137	9988.92480
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10221.0	0.0000980	9752.16309	9980.12012
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10094.0	0.0001000	9752.26270	9970.30664
10008.0	0.0001000	9752.31152	9965.72559
9949.0	0.0001000	9752.35938	9961.80371
9930.0	0.0001000	9752.40723	9958.80176
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10158.0	0.0000980	9752.54590	9956.93945
10079.0	0.0001000	9752.59082	9958.94727
10123.0	0.0000980	9752.63574	9962.25195
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10261.0	0.0000980	9752.76465	9978.63867
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10219.0	0.0000980	9753.21973	10060.74121
10164.0	0.0000980	9753.25293	10066.51660
10319.0	0.0000961	9753.28613	10072.03418
10448.0	0.0000961	9753.31836	10077.18945
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10735.0	0.0000925	9753.78320	10266.76563
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10364.0	0.0000961	9754.01953	10294.41602
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10357.0	0.0000961	9754.03516	10270.38281
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10310.0	0.0000961	9754.04688	10245.18848
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10400.0	0.0000961	9754.03906	10225.56934
10371.0	0.0000961	9754.03223	10225.53613
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10405.0	0.0000961	9754.00879	10221.98926
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9887.0	0.0001020	9753.20703	9933.24512
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10184.0	0.0000980	9752.99023	9994.14648
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9979.0	0.0001000	9752.43652	9970.02051
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10011.0	0.0001000	9752.19336	9947.62012
9982.0	0.0001000	9752.14355	9946.82715
10184.0	0.0000980	9752.09180	9947.55566
10119.0	0.0000980	9752.04004	9949.89160
9931.0	0.0001000	9751.98730	9953.92480
10008.0	0.0001000	9751.93457	9959.54590
10024.0	0.0001000	9751.88086	9966.85742
10132.0	0.0000980	9751.82617	9975.85645
10085.0	0.0001000	9751.77148	9986.54492
10082.0	0.0001000	9751.71484	9998.88477
10178.0	0.0000980	9751.65918	10012.83398
10219.0	0.0000980	9751.60156	10028.28125
10189.0	0.0000980	9751.54395	10045.11816
10149.0	0.0000980	9751.48535	10063.21289
10131.0	0.0000980	9751.42676	10082.37598
10135.0	0.0000980	9751.36719	10102.41895
10172.0	0.0000980	9751.30664	10123.15820
10321.0	0.0000961	9751.24609	10144.35059
10293.0	0.0000980	9751.18457	10165.74121
10297.0	0.0000980	9751.12207	10186.95605
10306.0	0.0000961	9751.05859	10207.60645
10338.0	0.0000961	9750.99512	10227.21094
10575.0	0.0000943	9750.93164	10245.19531
10432.0	0.0000961	9750.86621	10260.90625
10605.0	0.0000943	9750.80078	10273.65527
10438.0	0.0000961	9750.73535	10282.83398
10515.0	0.0000943	9750.66797	10287.94727
10617.0	0.0000943	9750.60059	10288.80469
10551.0	0.0000943	9750.53320	10285.58691
10546.0	0.0000943	9750.46387	10278.80469
10389.0	0.0000961	9750.39551	10269.27441
10506.0	0.0000961	9750.32520	10257.88867
10339.0	0.0000961	9750.25488	10245.60742
10399.0	0.0000961	9750.18359	10233.31738
10339.0	0.0000961	9750.11230	10221.68750
10403.0	0.0000961	9750.03906	10211.20313
10237.0	0.0000980	9749.96680	10202.13574
10444.0	0.0000961	9749.89258	10194.53125
10238.0	0.0000980	9749.81836	10188.24023
10392.0	0.0000961	9749.74414	10182.93262
10450.0	0.0000961	9749.66797	10178.13965
10352.0	0.0000961	9749.59180	10173.32520
10415.0	0.0000961	9749.51563	10167.95313
10375.0	0.0000961	9749.43848	10161.55957
10478.0	0.0000961	9749.36035	10153.87598
10415.0	0.0000961	9749.28125	10144.75000
10259.0	0.0000980	9749.20215	10134.19238
10297.0	0.0000980	9749.12305	10122.33203
10376.0	0.0000961	9749.04199	10109.36914
10160.0	0.0000980	9748.96094	10095.56543
10239.0	0.0000980	9748.87988	10081.22949

10176.0	0.0000980	9748.79688	10066.70215
10179.0	0.0000980	9748.71484	10052.35156
10216.0	0.0000980	9748.63086	10038.54785
10078.0	0.0001000	9748.54688	10025.63867
10062.0	0.0001000	9748.46289	10013.97070
10158.0	0.0000980	9748.37695	10003.95020
10209.0	0.0000980	9748.29102	9995.37109
10197.0	0.0000980	9748.20508	9988.83594
9998.0	0.0001000	9748.11816	9984.31738
10021.0	0.0001000	9748.03027	9981.90527
10064.0	0.0001000	9747.94238	9981.63184
10064.0	0.0001000	9747.85352	9983.51953
10146.0	0.0000980	9747.76367	9987.52930
10125.0	0.0000980	9747.67383	9993.64844
10200.0	0.0000980	9747.58301	10001.84473
10061.0	0.0001000	9747.49219	10012.05762
10237.0	0.0000980	9747.40039	10024.19727
10133.0	0.0000980	9747.30859	10038.15918
10168.0	0.0000980	9747.21582	10053.77539
10314.0	0.0000961	9747.12207	10070.94434
10229.0	0.0000980	9747.02832	10089.13379
10249.0	0.0000980	9746.93359	10108.11328
10437.0	0.0000961	9746.83789	10127.46289
10250.0	0.0000980	9746.74219	10146.69922
10409.0	0.0000961	9746.64551	10165.30176
10630.0	0.0000943	9746.54883	10182.75098
10514.0	0.0000943	9746.45215	10198.58594
10531.0	0.0000943	9746.35352	10212.47363
10461.0	0.0000961	9746.25488	10224.34082
10599.0	0.0000943	9746.15625	10234.18262
10546.0	0.0000943	9746.05664	10242.41016
10531.0	0.0000943	9745.95605	10249.55664
10485.0	0.0000961	9745.85547	10256.27344
10507.0	0.0000943	9745.75391	10263.17578
10298.0	0.0000980	9745.65137	10270.82715
10563.0	0.0000943	9745.54980	10279.64453
10427.0	0.0000961	9745.44629	10289.85156
10574.0	0.0000943	9745.34277	10301.47754
10665.0	0.0000943	9745.23828	10314.32617
10672.0	0.0000943	9745.13379	10327.99805
10574.0	0.0000943	9745.02832	10341.91699
10878.0	0.0000925	9744.92285	10355.35547
10698.0	0.0000943	9744.81641	10367.53809
10885.0	0.0000925	9744.70996	10377.74219
10753.0	0.0000925	9744.60254	10385.34766
10866.0	0.0000925	9744.49414	10389.90820
10589.0	0.0000943	9744.38672	10391.20801
10526.0	0.0000943	9744.27734	10389.21387
10785.0	0.0000925	9744.16797	10384.06836
10627.0	0.0000943	9744.05762	10376.05176
10704.0	0.0000943	9743.94727	10365.57422
10622.0	0.0000943	9743.83594	10353.07715
10869.0	0.0000925	9743.72461	10339.02930
10659.0	0.0000943	9743.61230	10323.84766

10505.0	0.0000961	9743.50000	10307.84277
10537.0	0.0000943	9743.38672	10291.26758
10582.0	0.0000943	9743.27344	10274.26855
10335.0	0.0000961	9743.15918	10256.96875
10546.0	0.0000943	9743.04395	10239.47070
10481.0	0.0000961	9742.92871	10221.87402
10306.0	0.0000961	9742.81348	10204.37598
10568.0	0.0000943	9742.69727	10187.15527
10352.0	0.0000961	9742.58105	10170.36230
10482.0	0.0000961	9742.46387	10154.13672
10542.0	0.0000943	9742.34570	10138.68359
10323.0	0.0000961	9742.22754	10123.68066
10408.0	0.0000961	9742.10938	10109.17188
10339.0	0.0000961	9741.99023	10094.95801
10192.0	0.0000980	9741.87012	10080.82031
10319.0	0.0000961	9741.75000	10066.54297
10289.0	0.0000980	9741.62988	10051.95020
10192.0	0.0000980	9741.50879	10036.98145
10192.0	0.0000980	9741.38672	10021.58398
10053.0	0.0001000	9741.26465	10006.03906
10192.0	0.0000980	9741.14258	9990.48535
10150.0	0.0000980	9741.01953	9975.17676
10144.0	0.0000980	9740.89551	9960.32031
10039.0	0.0001000	9740.77148	9946.16699
10062.0	0.0001000	9740.64746	9932.92188
10125.0	0.0000980	9740.52246	9920.74902
10052.0	0.0001000	9740.39746	9909.78906
10023.0	0.0001000	9740.27148	9900.17188
9882.0	0.0001020	9740.14551	9892.02148
9768.0	0.0001020	9740.01855	9885.40918
9938.0	0.0001000	9739.89160	9880.45020
10014.0	0.0001000	9739.76367	9877.23438
10099.0	0.0001000	9739.63574	9875.85449
9910.0	0.0001000	9739.50781	9876.41016
10085.0	0.0001000	9739.37891	9878.98340
9922.0	0.0001000	9739.24902	9883.62793
9971.0	0.0001000	9739.11914	9890.44629
9886.0	0.0001020	9738.98926	9899.47656
9817.0	0.0001020	9738.85840	9910.74707
10012.0	0.0001000	9738.72754	9924.24805
10030.0	0.0001000	9738.59570	9939.93262
10133.0	0.0000980	9738.46387	9957.69629
10093.0	0.0001000	9738.33105	9977.36133
9940.0	0.0001000	9738.19824	9998.67871
10129.0	0.0000980	9738.06543	10021.30371
10178.0	0.0000980	9737.93164	10044.79590
10221.0	0.0000980	9737.79785	10068.61328
10222.0	0.0000980	9737.66309	10092.13281
10195.0	0.0000980	9737.52832	10114.65234
10473.0	0.0000961	9737.39258	10135.41113
10579.0	0.0000943	9737.25684	10153.64355
10370.0	0.0000961	9737.12109	10168.59668
10254.0	0.0000980	9736.98438	10179.56348
10362.0	0.0000961	9736.84766	10185.96777

10437.0	0.0000961	9736.70996	10187.40918
10538.0	0.0000943	9736.57227	10183.72852
10557.0	0.0000943	9736.43457	10175.02441
10403.0	0.0000961	9736.29590	10161.72363
10293.0	0.0000980	9736.15723	10144.34961
10373.0	0.0000961	9736.01758	10123.72070
10463.0	0.0000961	9735.87891	10100.69824
10159.0	0.0000980	9735.73828	10076.17090
10329.0	0.0000961	9735.59766	10050.94336
10152.0	0.0000980	9735.45703	10025.77051
10187.0	0.0000980	9735.31641	10001.27734
10110.0	0.0000980	9735.17480	9977.97559
10063.0	0.0001000	9735.03320	9956.23828
10067.0	0.0001000	9734.89063	9936.38184
10025.0	0.0001000	9734.74805	9918.59570
9817.0	0.0001020	9734.60547	9902.99316
10081.0	0.0001000	9734.46191	9889.62305
10082.0	0.0001000	9734.31836	9878.45703
10045.0	0.0001000	9734.17383	9869.44727
9857.0	0.0001020	9734.03027	9862.44434
10134.0	0.0000980	9733.88574	9857.37109
10052.0	0.0001000	9733.74023	9854.04492
10034.0	0.0001000	9733.59473	9852.27832
9962.0	0.0001000	9733.44922	9851.89063
10014.0	0.0001000	9733.30371	9852.70117
10050.0	0.0001000	9733.15723	9854.50098
9867.0	0.0001020	9733.00977	9857.11328
9981.0	0.0001000	9732.86328	9860.37598
9916.0	0.0001000	9732.71582	9864.09082
9806.0	0.0001020	9732.56836	9868.12500
9913.0	0.0001000	9732.41992	9872.39844
10104.0	0.0000980	9732.27246	9876.79883
10145.0	0.0000980	9732.12402	9881.24902
9807.0	0.0001020	9731.97461	9885.68652
10134.0	0.0000980	9731.82520	9889.98242
10050.0	0.0001000	9731.67578	9894.02930
9977.0	0.0001000	9731.52637	9897.71387
10127.0	0.0000980	9731.37598	9900.73535
10061.0	0.0001000	9731.22559	9902.93652
10122.0	0.0000980	9731.07520	9904.10254
10068.0	0.0001000	9730.92383	9904.04688
10114.0	0.0000980	9730.77344	9902.66016
9913.0	0.0001000	9730.62109	9899.90625
9936.0	0.0001000	9730.46973	9895.86816
10190.0	0.0000980	9730.31738	9890.67871
10184.0	0.0000980	9730.16504	9884.59570
9958.0	0.0001000	9730.01270	9877.87207
9961.0	0.0001000	9729.86035	9870.74805
9819.0	0.0001020	9729.70703	9863.54492
9874.0	0.0001020	9729.55371	9856.43359
9900.0	0.0001020	9729.39941	9849.61426
9914.0	0.0001000	9729.24609	9843.23438
9684.0	0.0001041	9729.09180	9837.40430
9592.0	0.0001041	9728.93750	9832.20410

9899.0	0.0001020	9728.78223	9827.70801
9920.0	0.0001000	9728.62793	9823.68066
9817.0	0.0001020	9728.47266	9820.66113
9787.0	0.0001020	9728.31738	9818.39746
9977.0	0.0001000	9728.16211	9816.86230
9752.0	0.0001020	9728.00586	9816.05273
9897.0	0.0001020	9727.84961	9815.91406
9757.0	0.0001020	9727.69336	9816.43457
9678.0	0.0001041	9727.53711	9817.56543
9951.0	0.0001000	9727.37988	9819.29883
9654.0	0.0001041	9727.22363	9821.60742
10016.0	0.0001000	9727.06641	9824.50391
9696.0	0.0001041	9726.90918	9828.04883
9666.0	0.0001041	9726.75098	9832.25000
9927.0	0.0001000	9726.59375	9837.21777
9813.0	0.0001020	9726.43555	9843.04004
9622.0	0.0001041	9726.27734	9849.81836
9443.0	0.0001063	9726.11914	9857.62891
9933.0	0.0001000	9725.96094	9866.54590
9926.0	0.0001000	9725.80176	9876.55176
10117.0	0.0000980	9725.64258	9887.65820
9928.0	0.0001000	9725.48340	9899.77930
10133.0	0.0000980	9725.32422	9912.78711
9853.0	0.0001020	9725.16504	9926.48633
10027.0	0.0001000	9725.00586	9940.58691
10094.0	0.0001000	9724.84570	9954.88477
10113.0	0.0000980	9724.68555	9968.98828
10216.0	0.0000980	9724.52539	9982.53809
10319.0	0.0000961	9724.36523	9995.16992
10238.0	0.0000980	9724.20508	10006.51074
9953.0	0.0001000	9724.04395	10016.23242
10130.0	0.0000980	9723.88379	10024.07422
10174.0	0.0000980	9723.72266	10029.89063
10061.0	0.0001000	9723.56152	10033.68066
10262.0	0.0000980	9723.40039	10035.52930
10238.0	0.0000980	9723.23926	10035.71973
10266.0	0.0000980	9723.07813	10034.62109
9914.0	0.0001000	9722.91602	10032.62988
10217.0	0.0000980	9722.75488	10030.13672
10048.0	0.0001000	9722.59277	10027.49512
10050.0	0.0001000	9722.43066	10024.97656
10227.0	0.0000980	9722.26855	10022.82031
10140.0	0.0000980	9722.10645	10021.22168
10069.0	0.0001000	9721.94434	10020.32324
10089.0	0.0001000	9721.78223	10020.26953
10083.0	0.0001000	9721.62012	10021.17969
10200.0	0.0000980	9721.45703	10023.13965
10001.0	0.0001000	9721.29395	10026.16797
9945.0	0.0001000	9721.13184	10030.25879
10215.0	0.0000980	9720.96875	10035.31348
9995.0	0.0001000	9720.80566	10041.14355
10414.0	0.0000961	9720.64258	10047.42285
10063.0	0.0001000	9720.47949	10054.08594
10323.0	0.0000961	9720.31641	10060.78516

9853.0	0.0001020	9720.15332	10067.22656
10254.0	0.0000980	9719.99023	10073.17773
10157.0	0.0000980	9719.82617	10078.51855
10310.0	0.0000961	9719.66309	10083.18066
10235.0	0.0000980	9719.50000	10087.20898
10052.0	0.0001000	9719.33594	10090.66992
10267.0	0.0000980	9719.17285	10093.66797
10048.0	0.0001000	9719.00879	10096.25781
10480.0	0.0000961	9718.84473	10098.45020
10195.0	0.0000980	9718.68164	10100.19824
10280.0	0.0000980	9718.51758	10101.37402
10415.0	0.0000961	9718.35352	10101.83008
10306.0	0.0000961	9718.19043	10101.20703
10342.0	0.0000961	9718.02637	10099.78418
10303.0	0.0000961	9717.86230	10097.27148
10368.0	0.0000961	9717.69824	10093.65723
10395.0	0.0000961	9717.53418	10088.99121
10479.0	0.0000961	9717.37012	10083.31641
10141.0	0.0000980	9717.20605	10076.67285
10391.0	0.0000961	9717.04199	10069.07715
10463.0	0.0000961	9716.87793	10060.54883
10274.0	0.0000980	9716.71387	10051.01074
10153.0	0.0000980	9716.55078	10040.49609
10324.0	0.0000961	9716.38672	10029.03125
10306.0	0.0000961	9716.22266	10016.71289
10098.0	0.0001000	9716.05859	10003.71582
10156.0	0.0000980	9715.89453	9990.24805
10145.0	0.0000980	9715.73047	9976.58105
10391.0	0.0000961	9715.56641	9962.86914
10343.0	0.0000961	9715.40234	9949.35938
10212.0	0.0000980	9715.23926	9936.20801
10057.0	0.0001000	9715.07520	9923.53418
10059.0	0.0001000	9714.91113	9911.43262
10187.0	0.0000980	9714.74805	9899.91895
10038.0	0.0001000	9714.58398	9889.03906
9914.0	0.0001000	9714.41992	9878.83105
9994.0	0.0001000	9714.25684	9869.32422
9975.0	0.0001000	9714.09277	9860.56641
9912.0	0.0001000	9713.92969	9852.62305
9948.0	0.0001000	9713.76660	9845.54102
10135.0	0.0000980	9713.60254	9839.39844
9696.0	0.0001041	9713.43945	9834.24805
9979.0	0.0001000	9713.27637	9830.17285
9661.0	0.0001041	9713.11328	9827.19434
10002.0	0.0001000	9712.95020	9825.36719
9771.0	0.0001020	9712.78711	9824.75879
10064.0	0.0001000	9712.62402	9825.41406
9806.0	0.0001020	9712.46191	9827.38184
10014.0	0.0001000	9712.29883	9830.69434
9723.0	0.0001020	9712.13672	9835.38281
9969.0	0.0001000	9711.97363	9841.45117
9880.0	0.0001020	9711.81152	9848.90820
9973.0	0.0001000	9711.64941	9857.73828
9950.0	0.0001000	9711.48730	9867.88574

9854.0	0.0001020	9711.32520	9879.18066
10015.0	0.0001000	9711.16309	9891.78613
10074.0	0.0001000	9711.00098	9905.45020
10106.0	0.0000980	9710.83984	9920.03027
10120.0	0.0000980	9710.67773	9935.34180
10164.0	0.0000980	9710.51660	9951.13379
10182.0	0.0000980	9710.35547	9967.10742
9999.0	0.0001000	9710.19434	9982.89844
10166.0	0.0000980	9710.03320	9998.11523
10204.0	0.0000980	9709.87207	10012.33691
10148.0	0.0000980	9709.71094	10025.19141
10271.0	0.0000980	9709.55078	10036.38965
10266.0	0.0000980	9709.39063	10045.76563
10364.0	0.0000961	9709.23047	10053.31055
10226.0	0.0000980	9709.07031	10059.16016
10083.0	0.0001000	9708.91016	10063.51660
10207.0	0.0000980	9708.75000	10066.62012
10224.0	0.0000980	9708.59082	10068.71484
10118.0	0.0000980	9708.43164	10069.95898
10157.0	0.0000980	9708.27246	10070.43555
10344.0	0.0000961	9708.11328	10070.14551
10243.0	0.0000980	9707.95410	10068.98145
10242.0	0.0000980	9707.79590	10066.73730
10157.0	0.0000980	9707.63770	10063.19531
10186.0	0.0000980	9707.47949	10058.04688
10320.0	0.0000961	9707.32129	10051.24805
10166.0	0.0000980	9707.16309	10042.72754
10231.0	0.0000980	9707.00586	10032.54297
10144.0	0.0000980	9706.84766	10020.96387
10201.0	0.0000980	9706.69043	10008.33203
10132.0	0.0000980	9706.53418	9995.06738
10150.0	0.0000980	9706.37695	9981.53613
10139.0	0.0000980	9706.22070	9968.11523
10181.0	0.0000980	9706.06445	9955.03516
9959.0	0.0001000	9705.90820	9942.63281
10088.0	0.0001000	9705.75293	9931.00488
10075.0	0.0001000	9705.59668	9920.23828
10026.0	0.0001000	9705.44141	9910.37207
10158.0	0.0000980	9705.28711	9901.37598
10066.0	0.0001000	9705.13184	9893.19141
10064.0	0.0001000	9704.97754	9885.72461
10116.0	0.0000980	9704.82324	9878.88574
10048.0	0.0001000	9704.66895	9872.57813
9931.0	0.0001000	9704.51563	9866.71191
10065.0	0.0001000	9704.36230	9861.18945
9954.0	0.0001000	9704.20898	9855.97070
9897.0	0.0001020	9704.05566	9851.01953
9981.0	0.0001000	9703.90332	9846.31738
10098.0	0.0001000	9703.75098	9841.88086
9882.0	0.0001020	9703.59863	9837.75684
9934.0	0.0001000	9703.44727	9833.99609
9942.0	0.0001000	9703.29492	9830.67090
10024.0	0.0001000	9703.14453	9827.82520
9763.0	0.0001020	9702.99316	9825.53516

9842.0	0.0001020	9702.84277	9823.83203
9933.0	0.0001000	9702.69238	9822.74414
9915.0	0.0001000	9702.54297	9822.25000
9869.0	0.0001020	9702.39258	9822.35254
9939.0	0.0001000	9702.24316	9823.02344
9860.0	0.0001020	9702.09473	9824.08984
9808.0	0.0001020	9701.94629	9825.63672
9847.0	0.0001020	9701.79785	9827.46777
9834.0	0.0001020	9701.64941	9829.46387
9942.0	0.0001000	9701.50195	9831.43555
9859.0	0.0001020	9701.35449	9833.27148
9904.0	0.0001000	9701.20801	9834.82617
9893.0	0.0001020	9701.06152	9835.99902
9881.0	0.0001020	9700.91504	9836.73047
9932.0	0.0001000	9700.76855	9837.01367
9933.0	0.0001000	9700.62305	9836.87305
10025.0	0.0001000	9700.47852	9836.38379
10013.0	0.0001000	9700.33301	9835.64844
9939.0	0.0001000	9700.18945	9834.76855
9824.0	0.0001020	9700.04492	9833.83203
9894.0	0.0001020	9699.90137	9832.97754
10005.0	0.0001000	9699.75781	9832.23535
10070.0	0.0001000	9699.61523	9831.66113
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9957.0	0.0001000	9699.33008	9831.05176
10042.0	0.0001000	9699.18848	9831.00488
9930.0	0.0001000	9699.04688	9831.08984
10026.0	0.0001000	9698.90625	9831.27539
9907.0	0.0001000	9698.76563	9831.51660
9945.0	0.0001000	9698.62598	9831.76270
9975.0	0.0001000	9698.48633	9831.90234
9837.0	0.0001020	9698.34668	9831.88574
9881.0	0.0001020	9698.20801	9831.58984
9991.0	0.0001000	9698.06934	9830.89746
10024.0	0.0001000	9697.93066	9829.78125
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9997.0	0.0001000	9697.65625	9825.58984
10002.0	0.0001000	9697.51953	9822.68164
9895.0	0.0001020	9697.38281	9819.27246
9867.0	0.0001020	9697.24707	9815.43750
9915.0	0.0001000	9697.11230	9811.31836
9833.0	0.0001020	9696.97656	9807.10840
9891.0	0.0001020	9696.84277	9802.88965
9867.0	0.0001020	9696.70801	9798.83496
9840.0	0.0001020	9696.57520	9795.09375
9874.0	0.0001020	9696.44141	9791.77441
9704.0	0.0001020	9696.30859	9788.98047
9917.0	0.0001000	9696.17676	9786.82031
9910.0	0.0001000	9696.04492	9785.36719
9939.0	0.0001000	9695.91406	9784.71777
9895.0	0.0001020	9695.78320	9784.90332
9774.0	0.0001020	9695.65234	9786.00391
9912.0	0.0001000	9695.52246	9788.05273
9958.0	0.0001000	9695.39355	9791.09277

9788.0	0.0001020	9695.26465	9794.99512
9755.0	0.0001020	9695.13672	9800.06055
9808.0	0.0001020	9695.00879	9806.12793
9748.0	0.0001020	9694.88086	9813.17480
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10026.0	0.0001000	9694.50195	9839.60938
10034.0	0.0001000	9694.37695	9849.90039
9892.0	0.0001020	9694.25195	9860.59570
9926.0	0.0001000	9694.12793	9871.63770
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10031.0	0.0001000	9693.88086	9893.62695
9992.0	0.0001000	9693.75781	9904.06934
10010.0	0.0001000	9693.63574	9913.44238
10073.0	0.0001000	9693.51465	9921.78320
10098.0	0.0001000	9693.39355	9928.56348
10172.0	0.0000980	9693.27246	9933.45703
10160.0	0.0000980	9693.15234	9936.24609
10126.0	0.0000980	9693.03320	9936.83887
10072.0	0.0001000	9692.91406	9935.25977
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10112.0	0.0000980	9692.67871	9926.45898
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10154.0	0.0000980	9692.44434	9912.47070
10072.0	0.0001000	9692.32813	9904.51855
9967.0	0.0001000	9692.21289	9896.44727
10059.0	0.0001000	9692.09766	9888.55273
9943.0	0.0001000	9691.98340	9881.13184
9901.0	0.0001000	9691.87012	9874.36816
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9897.0	0.0001020	9691.53223	9859.29395
9904.0	0.0001000	9691.42090	9856.12891
9766.0	0.0001020	9691.30957	9853.85254
9906.0	0.0001000	9691.19922	9852.39551
9882.0	0.0001020	9691.08984	9851.59375
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9897.0	0.0001020	9690.87207	9851.22168
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9998.0	0.0001000	9690.65723	9851.09375
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9828.0	0.0001020	9690.44531	9849.62109
9997.0	0.0001000	9690.33984	9848.01953
9907.0	0.0001000	9690.23535	9845.76563
9976.0	0.0001000	9690.13086	9842.89453
9798.0	0.0001020	9690.02734	9839.51074
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9834.0	0.0001020	9689.82227	9831.81836
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9744.0	0.0001020	9689.62012	9824.07813
9759.0	0.0001020	9689.51953	9820.59863
9897.0	0.0001020	9689.41992	9817.53125
9941.0	0.0001000	9689.32129	9814.97070
9844.0	0.0001020	9689.22266	9813.01953

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9847.0	0.0001020	9689.02832	9810.83008
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9715.0	0.0001020	9688.74121	9811.63867
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9851.0	0.0001020	9688.55273	9814.20605
9921.0	0.0001000	9688.45996	9815.69141
9915.0	0.0001000	9688.36719	9817.37012
10011.0	0.0001000	9688.27539	9819.04297
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9919.0	0.0001000	9688.00488	9823.10547
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9957.0	0.0001000	9687.22949	9825.95117
9899.0	0.0001020	9687.14746	9826.23145
9832.0	0.0001020	9687.06543	9826.71484
9868.0	0.0001020	9686.98438	9827.40625
9818.0	0.0001020	9686.90332	9828.38086
9711.0	0.0001020	9686.82422	9829.60645
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9851.0	0.0001020	9686.66699	9832.86133
9997.0	0.0001000	9686.58887	9834.82227
9908.0	0.0001000	9686.51270	9836.88672
9914.0	0.0001000	9686.43652	9838.94922
9956.0	0.0001000	9686.36133	9840.84570
9895.0	0.0001020	9686.28613	9842.39355
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9856.0	0.0001020	9686.13965	9843.65527
10093.0	0.0001000	9686.06738	9843.09668
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9847.0	0.0001020	9685.71582	9826.07715
9914.0	0.0001000	9685.64844	9820.32129
9864.0	0.0001020	9685.58105	9814.11230
9838.0	0.0001020	9685.51465	9807.60938
9865.0	0.0001020	9685.44922	9800.93164
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9819.0	0.0001020	9685.32031	9787.51270
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9764.0	0.0001020	9684.95215	9751.40332

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9892.0	0.0001020	9686.70703	9808.67871
10025.0	0.0001000	9686.78809	9804.42383
9678.0	0.0001041	9686.87012	9800.44141
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9886.0	0.0001020	9687.03613	9793.21094
9743.0	0.0001020	9687.12012	9789.88770
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9755.0	0.0001020	9687.64063	9772.45410
9683.0	0.0001041	9687.73047	9769.99512
9924.0	0.0001000	9687.82031	9767.71484
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9698.0	0.0001041	9688.00293	9763.81152
9844.0	0.0001020	9688.09570	9762.15332
9771.0	0.0001020	9688.18945	9760.96973
9917.0	0.0001000	9688.28320	9760.10156
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9894.0	0.0001020	9688.56934	9760.06543
9867.0	0.0001020	9688.66699	9760.94141
9729.0	0.0001020	9688.76465	9762.30176
9876.0	0.0001020	9688.86328	9764.13867
9799.0	0.0001020	9688.96191	9766.47559
9842.0	0.0001020	9689.06250	9769.26660
9769.0	0.0001020	9689.16309	9772.52051
9849.0	0.0001020	9689.26465	9776.20020
9763.0	0.0001020	9689.36621	9780.22363
9845.0	0.0001020	9689.46973	9784.69727
9937.0	0.0001000	9689.57324	9789.51465
9837.0	0.0001020	9689.67676	9794.65918
9958.0	0.0001000	9689.78223	9800.10840
9816.0	0.0001020	9689.88770	9805.85645
9787.0	0.0001020	9689.99414	9811.87891
9894.0	0.0001020	9690.10156	9818.20508
9956.0	0.0001000	9690.20898	9824.80762
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9957.0	0.0001000	9690.87012	9870.79297
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9892.0	0.0001020	9691.32422	9905.96191
9958.0	0.0001000	9691.43945	9914.83594
9980.0	0.0001000	9691.55566	9923.58398
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10085.0	0.0001000	9692.14453	9961.53613
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10069.0	0.0001000	9692.38477	9971.80859
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10183.0	0.0000980	9692.62793	9978.55469
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10159.0	0.0000980	9692.87305	9982.01855
10083.0	0.0001000	9692.99707	9982.65918
10167.0	0.0000980	9693.12109	9982.64453
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10197.0	0.0000980	9694.39551	9962.45996
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10172.0	0.0000980	9695.99902	10001.09570
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10173.0	0.0000980	9696.55078	10038.49121
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10482.0	0.0000961	9697.25195	10085.36035
10389.0	0.0000961	9697.39355	10092.58008
10423.0	0.0000961	9697.53516	10098.48438
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10427.0	0.0000961	9697.96484	10106.73047
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10357.0	0.0000961	9698.25293	10103.72754
10260.0	0.0000980	9698.39844	10099.64160
10218.0	0.0000980	9698.54297	10093.89551
10186.0	0.0000980	9698.68945	10086.51953
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10358.0	0.0000961	9699.12891	10055.10840
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10124.0	0.0000980	9700.02051	9962.14844
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9977.0	0.0001000	9701.07715	9852.34180
9986.0	0.0001000	9701.22949	9839.99414
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9968.0	0.0001000	9701.53613	9818.74023
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9872.0	0.0001020	9701.84375	9802.02051
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9938.0	0.0001000	9705.46484	9850.55762
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9887.0	0.0001020	9706.26855	9868.70703
9972.0	0.0001000	9706.43066	9869.42285
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9861.0	0.0001020	9707.89063	9852.10059
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9953.0	0.0001000	9708.21680	9846.59766
9922.0	0.0001000	9708.37988	9843.66602
9920.0	0.0001000	9708.54297	9840.53711
9934.0	0.0001000	9708.70605	9837.18555
9878.0	0.0001020	9708.87012	9833.53223
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9758.0	0.0001020	9709.85254	9806.55762
9723.0	0.0001020	9710.01660	9801.66992
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9931.0	0.0001000	9710.34570	9793.02734
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9773.0	0.0001020	9710.83789	9783.05469
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9742.0	0.0001020	9711.66016	9777.98340
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9654.0	0.0001041	9711.98926	9780.49316
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9754.0	0.0001020	9713.13867	9804.35059
9770.0	0.0001020	9713.30273	9808.47461
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9792.0	0.0001020	9713.79492	9819.17871
9854.0	0.0001020	9713.95898	9821.82715
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9805.0	0.0001020	9716.88965	9795.30078
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9891.0	0.0001020	9721.16895	9884.33105
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 3 1 -7 o 5161.977 4169.938 138.79 1.34629 0.15
 0 10 5 o 16979.170 13504.345 148.24 1.34474 0.62
 4 8 -2 o 1861.444 1394.788 15.24 1.35261 0.08
 0 2 7 o 11942.652 9603.519 -137.48 1.33075 0.41
 4 0 2 o 7835.880 6249.377 -46.48 1.33956 0.15
 3 1 4 o 6371.942 5160.261 -80.40 1.33901 0.25
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 4 2 -6 o 4531.963 3684.799 73.83 1.33360 0.15
 3 9 -5 o 19530.730 15489.195 -139.00 1.32957 0.63
 4 8 -3 o 14260.408 11121.874 -37.67 1.33972 0.49
 4 8 -1 o 7053.464 5886.719 -133.09 1.33797 0.26
 4 2 2 o 6313.893 5495.032 -38.58 1.32675 0.26
 3 7 -6 o 17536.486 16147.303 18.31 1.32565 0.55
 3 9 2 o 11719.606 11068.157 22.50 1.32510 0.45
 0 12 4 o 644.097 636.884 -118.81 1.32424 0.02
 0 8 6 o 1774.928 1479.309 86.07 1.31308 0.06
 4 6 -5 o 15250.704 15246.894 72.60 1.32406 0.47
 3 11 -3 o 1780.972 1478.723 -30.22 1.33403 0.06
 3 11 0 o 1922.985 1563.325 -54.76 1.33209 0.06
 3 3 -7 o 2199.437 2261.491 163.11 1.32064 0.06
 3 7 3 o 8442.501 8663.171 126.73 1.31996 0.33
 4 6 1 o 8142.926 8337.592 122.55 1.31902 0.28
 1 11 -5 o 336.456 294.524 -139.57 1.31463 0.01
 3 3 4 o 3263.100 2708.234 139.04 1.31378 0.13
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 2 12 -4 o 12630.952 9276.854 -128.64 1.30922 0.42
 0 14 2 o 7539.466 7753.171 7.67 1.31851 0.25
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 2 6 5 o 19567.578 15802.992 86.48 1.29117 0.70
 4 4 -6 o 2400.718 1786.919 -104.39 1.29671 0.07
 5 1 -3 o 11853.188 9926.176 -58.93 1.30334 0.38
 5 1 -2 o 2350.892 1976.824 -40.77 1.30233 0.08
 4 8 -4 o 1787.765 1595.011 149.95 1.30152 0.05
 4 4 2 o 10029.997 7999.841 104.24 1.29041 0.35
 4 8 0 o 661.756 522.284 -109.34 1.29832 0.02
 3 11 -4 o 3023.271 2612.881 -134.35 1.28397 0.09
 3 11 1 o 1267.016 1137.897 -102.80 1.28109 0.05
 3 5 4 o 777.028 650.952 79.27 1.26731 0.03
 3 5 -7 o 1547.899 1123.586 -6.39 1.27347 0.04
 1 13 -4 o 2685.232 1717.742 55.13 1.27188 0.09
 5 3 -3 o 4281.316 4301.739 -16.05 1.28003 0.13

5	1	-4	o	6833.806	6842.454	-103.46	1.27996	0.20
1	13	3	o	12700.295	8499.980	48.11	1.27057	0.41
5	3	-2	o	1995.679	2115.131	-0.60	1.27908	0.06
5	1	-1	o	1154.274	1056.750	-99.31	1.27711	0.04
1	7	-7	o	3907.306	2732.948	94.78	1.25766	0.13
1	7	6	o	3345.528	2671.666	162.28	1.25531	0.10
0	14	3	o	8289.227	5518.672	99.70	1.25815	0.28
2	14	-1	o	2024.041	1745.873	7.17	1.26655	0.06
2	0	-8	o	6397.896	4611.332	6.80	1.24544	0.09
2	0	6	o	8096.521	5533.532	-135.45	1.24054	0.13
0	6	7	o	13223.738	9091.311	84.92	1.23919	0.42
5	3	-4	o	1864.825	1363.125	62.65	1.25787	0.05
2	14	-2	o	7236.134	5880.000	77.32	1.25558	0.21
1	15	-1	o	13081.320	10495.188	117.21	1.25540	0.41
1	15	0	o	22559.836	18055.867	31.19	1.25522	0.71
5	3	-1	o	2824.523	2242.174	-54.33	1.25516	0.09
2	14	0	o	3081.171	2495.325	135.62	1.25486	0.09
2	10	-6	o	8903.089	6425.598	-167.82	1.24557	0.25
2	2	-8	o	567.853	440.986	110.14	1.23512	0.02
4	8	-5	o	964.084	599.548	-25.40	1.24406	0.03
2	10	4	o	6677.065	4493.245	-5.38	1.24207	0.21
4	6	-6	o	2677.038	1732.804	-176.35	1.24149	0.07
1	1	-8	o	17522.885	12602.858	-57.27	1.23045	0.52
2	2	6	o	1649.481	1183.837	51.32	1.23035	0.06
4	8	1	o	2882.394	1957.842	-64.23	1.23988	0.09
1	1	7	o	16548.309	11204.184	-70.60	1.22791	0.53
4	10	-2	o	3949.582	2936.265	-4.58	1.24618	0.11
4	6	2	o	981.426	692.372	117.60	1.23595	0.04
5	1	-5	o	4193.090	3231.912	-121.81	1.23590	0.11
3	9	-6	o	3189.439	2458.156	150.40	1.23507	0.09
5	1	0	o	5807.283	4452.630	-53.95	1.23162	0.18
3	9	3	o	2669.599	2006.192	-66.84	1.23046	0.08
2	8	-7	o	1124.449	687.142	-102.68	1.22062	0.04
2	12	-5	o	3989.357	2773.868	-25.59	1.22890	0.11
5	5	-3	o	9432.715	7069.187	138.12	1.23694	0.26
4	2	-7	o	9477.626	6520.175	-163.13	1.22787	0.24
5	5	-2	o	855.089	615.765	-131.86	1.23608	0.03
4	10	-3	o	8123.016	6206.842	-84.34	1.23607	0.23
2	12	3	o	119.970	25.428	-116.24	1.22620	0.01
4	10	-1	o	7300.315	5870.434	-57.79	1.23470	0.22
2	8	5	o	2711.471	1991.157	-103.74	1.21667	0.08
1	15	-2	o	11405.113	9198.929	-17.53	1.23378	0.34
1	15	1	o	2177.861	1705.280	65.19	1.23327	0.07
0	10	6	o	1996.296	1497.233	-83.16	1.21506	0.05
2	14	-3	o	310.241	173.301	159.61	1.22364	0.01
2	14	1	o	2398.322	1591.378	115.19	1.22231	0.08
4	2	3	o	6091.405	4291.431	-30.70	1.22119	0.19
3	7	-7	o	2830.986	1905.459	144.33	1.21132	0.08
1	3	-8	o	9893.378	6853.303	145.32	1.21078	0.28
0	12	5	o	3732.681	2705.896	-4.55	1.21989	0.10
3	11	-5	o	1790.407	1214.371	-170.54	1.21819	0.05
1	3	7	o	3019.607	2039.005	-24.91	1.20836	0.10
5	3	-5	o	4513.999	3225.070	-168.38	1.21597	0.13
3	1	-8	o	3121.492	2092.571	-25.17	1.20664	0.08

3	7	4	o	4118.680	2783.657	-166.15	1.20601	0.13
2	4	-8	o	12938.215	8712.204	136.49	1.20564	0.34
3	11	2	o	10151.723	7328.179	84.07	1.21475	0.32
3	13	-2	o	1792.458	1243.731	165.45	1.22201	0.05
3	13	-1	o	3691.861	2597.081	107.37	1.22151	0.11
5	3	0	o	14366.328	10126.422	100.73	1.21190	0.43
1	11	-6	o	24000.518	15988.071	149.20	1.20258	0.68
2	4	6	o	6409.400	4320.548	65.63	1.20120	0.19
1	11	5	o	5961.902	3787.148	-50.75	1.20084	0.19
3	1	5	o	3699.415	2485.230	-27.37	1.20045	0.11
5	5	-4	o	2838.773	2023.527	-46.35	1.21690	0.08
5	5	-1	o	17551.914	12786.628	-165.95	1.21445	0.52
4	10	-4	o	13027.950	8591.782	-74.61	1.20588	0.36
4	10	0	o	17915.635	11886.117	87.39	1.20334	0.53
4	4	3	o	12308.678	7934.698	-138.08	1.19267	0.39
4	4	-7	o	16515.486	10492.562	-5.86	1.19890	0.42
3	3	-8	o	2108.986	1212.616	139.40	1.18807	0.05
3	13	-3	o	277.751	191.288	54.20	1.20237	0.01
0	16	0	o	3228.740	2077.080	180.00	1.20189	0.05
1	15	-3	o	6644.820	4501.673	116.18	1.19355	0.19
3	13	0	o	2755.228	1765.297	-107.84	1.20095	0.08
1	15	2	o	11177.055	7404.594	69.93	1.19278	0.32
3	3	5	o	1766.222	1643.392	-138.95	1.18216	0.06
1	9	-7	o	1007.079	803.240	-10.46	1.17952	0.02
1	13	-5	o	2651.574	1469.440	156.22	1.18811	0.08
1	13	4	o	750.200	441.086	-158.27	1.18674	0.02
1	9	6	o	2474.528	1831.874	-16.61	1.17759	0.07
0	14	4	o	11870.521	7590.199	83.37	1.18606	0.33
0	0	8	o	12816.872	9254.462	-139.55	1.17572	0.19
0	16	1	o	9166.544	5937.762	148.48	1.19220	0.26
1	5	-8	o	2833.221	1927.761	99.14	1.17412	0.08
0	8	7	o	3258.983	2121.435	-130.48	1.17288	0.09
1	5	7	o	15936.530	9757.188	74.70	1.17191	0.46
5	5	-5	o	12505.730	9401.107	94.20	1.17885	0.31
5	1	-6	o	4913.806	3721.850	-143.07	1.17720	0.12
0	2	8	o	2156.400	1384.470	-40.89	1.16703	0.06
2	14	-4	o	7261.004	5378.272	14.93	1.17523	0.19
5	5	0	o	2980.363	2162.982	145.56	1.17514	0.09
4	8	-6	o	580.354	417.158	61.00	1.17483	0.01
2	14	2	o	12144.154	8003.068	162.15	1.17346	0.34
5	1	1	o	2353.707	1250.488	165.21	1.17204	0.08
5	7	-3	o	2661.232	2019.209	-138.38	1.17975	0.07
5	7	-2	o	2451.779	1814.008	-177.40	1.17900	0.07
4	8	2	o	3214.572	1953.474	-59.19	1.17013	0.09
2	6	-8	o	6796.802	4092.309	-40.98	1.16087	0.17
2	6	6	o	9072.617	5483.397	-118.63	1.15691	0.27
3	13	-4	o	19395.021	12632.576	114.01	1.16533	0.51
0	16	2	o	2742.479	1799.964	18.15	1.16447	0.08
4	6	-7	o	2647.563	1558.429	4.05	1.15485	0.06
3	13	1	o	19794.643	12983.453	85.43	1.16317	0.55
3	5	-8	o	12065.561	6692.641	-159.37	1.15338	0.30
5	7	-1	o	1312.478	757.093	118.76	1.16019	0.04
5	3	-6	o	1830.188	1165.768	-5.30	1.15995	0.04
4	10	-5	o	1821.169	1137.348	-132.93	1.15976	0.04

0	4	8	o	1846.923	1278.948	-71.95	1.14207	0.05
4	6	3	o	324.346	206.855	147.11	1.14928	0.01
4	10	1	o	948.250	565.810	29.40	1.15636	0.03
3	5	5	o	25160.510	15562.786	174.85	1.14797	0.73
5	3	1	o	652.954	370.454	-15.21	1.15500	0.02
5	7	-4	o	1424.288	949.176	-122.13	1.16233	0.03
2	12	-6	o	1380.193	965.068	163.54	1.14442	0.03
2	12	4	o	22.692	12.413	-41.90	1.14170	0.00
3	9	-7	o	6380.161	4225.233	154.61	1.14104	0.14
2	10	-7	o	1434.204	964.391	78.02	1.14070	0.03
3	11	3	o	53.758	37.053	146.01	1.14060	0.00
2	10	5	o	4556.076	2991.228	-90.55	1.13747	0.12
3	9	4	o	314.532	197.740	-35.10	1.13661	0.01
3	11	-6	o	9377.429	6586.577	-126.30	1.14427	0.22
4	0	-8	o	5382.151	3732.531	112.87	1.13514	0.06
1	15	-4	o	3322.697	2152.002	42.54	1.13990	0.09
1	15	3	o	2811.200	1856.122	-101.55	1.13896	0.08
4	12	-2	o	1464.539	1034.694	13.32	1.14489	0.04
4	0	4	o	8855.317	5845.184	-67.85	1.12880	0.12
4	2	-8	o	526.401	338.430	175.11	1.12731	0.01
1	7	-8	o	1282.722	1082.960	-110.56	1.12488	0.03
1	7	7	o	2139.861	2144.402	17.68	1.12294	0.06
4	12	-3	o	7162.866	4669.455	84.60	1.13704	0.17
5	7	-5	o	2552.254	1604.040	148.13	1.12903	0.06
4	2	4	o	167.590	171.920	124.25	1.12111	0.00
4	12	-1	o	1029.193	676.934	73.23	1.13597	0.02
0	12	6	o	478.824	461.868	45.65	1.12062	0.02
5	5	-6	o	4670.879	2916.744	74.84	1.12759	0.11
5	7	0	o	1388.533	1072.929	-70.11	1.12577	0.03
5	5	1	o	701.366	730.555	162.68	1.12305	0.02
0	16	3	o	3195.113	3463.710	166.35	1.12226	0.07
2	16	-1	o	1479.282	971.955	-158.84	1.12821	0.03
0	6	8	o	2404.917	1673.620	141.23	1.10380	0.06
5	1	-7	o	3870.736	3214.949	-77.43	1.11035	0.08
2	2	-9	o	2812.890	1867.977	60.08	1.10116	0.06
0	14	5	o	1494.836	1188.528	-12.59	1.10934	0.04
2	14	-5	o	677.809	405.538	160.54	1.11609	0.02
3	13	-5	o	3120.741	2252.848	-6.56	1.11549	0.07
3	7	-8	o	2989.652	2052.705	31.63	1.10660	0.06
2	14	3	o	1742.336	1359.068	103.22	1.11407	0.05
2	8	-8	o	3922.674	2644.476	-45.93	1.10583	0.09
4	12	-4	o	1937.175	1540.223	-6.62	1.11341	0.04
2	16	-2	o	1024.617	1053.166	73.38	1.12043	0.03
2	2	7	o	6470.203	4024.974	-95.38	1.09730	0.18
2	16	0	o	747.644	669.259	112.57	1.11992	0.02
3	13	2	o	833.441	655.228	-130.78	1.11284	0.02
5	1	2	o	1440.735	1010.850	-66.30	1.10478	0.04
4	4	-8	o	5906.456	4090.215	-93.58	1.10477	0.12
4	12	0	o	1946.056	1522.391	30.85	1.11140	0.05
1	13	-6	o	997.145	636.529	-179.60	1.10346	0.03
2	8	6	o	2699.247	1811.129	-96.18	1.10240	0.07
1	13	5	o	9343.430	6134.128	93.73	1.10212	0.24
3	7	5	o	402.401	250.682	66.16	1.10182	0.01
0	10	7	o	6057.990	3887.495	-171.18	1.10144	0.15

4	8	-7	o	2475.568	1594.347	-175.33	1.10062	0.05
5	9	-3	o	4703.852	3754.749	-71.11	1.11454	0.11
1	11	-7	o	2606.626	1595.457	-132.30	1.09968	0.06
5	9	-2	o	857.320	674.271	-87.17	1.11391	0.02
4	4	4	o	6920.707	4398.560	111.02	1.09892	0.18
1	1	-9	o	5276.598	3309.785	-87.80	1.09033	0.13
1	17	-1	o	3923.912	2949.400	-131.38	1.11278	0.11
1	17	0	o	2614.295	2017.918	-74.97	1.11265	0.06
1	11	6	o	2383.791	1514.880	-68.61	1.09811	0.06
1	1	8	o	1797.403	1271.571	126.82	1.08833	0.05
3	1	-9	o	4484.819	3308.838	97.40	1.08816	0.09
5	3	-7	o	4104.128	2537.898	-136.58	1.09583	0.09
4	8	3	o	5927.823	3660.139	-30.58	1.09579	0.15
4	10	-6	o	2525.484	1776.154	-44.12	1.10306	0.05
5	9	-4	o	3623.205	2160.733	64.43	1.09982	0.09
4	10	2	o	1874.031	1207.855	107.99	1.09917	0.04
3	1	6	o	3076.610	2253.482	-77.22	1.08292	0.08
5	9	-1	o	12893.156	8203.161	-10.39	1.09801	0.31
5	3	2	o	10565.048	6765.839	153.25	1.09048	0.27
1	17	-2	o	1081.560	708.904	165.12	1.09764	0.02
2	16	-3	o	4070.800	2640.494	114.52	1.09756	0.09
1	17	1	o	374.660	228.536	-126.07	1.09728	0.01
3	15	-2	o	5218.921	3714.258	118.88	1.10359	0.12
2	16	1	o	13396.943	8543.821	-112.86	1.09660	0.33
3	15	-1	o	2397.327	1690.631	-127.30	1.10322	0.06
2	4	-9	o	3834.046	2710.615	-120.57	1.08012	0.08
1	3	-9	o	1161.643	841.508	-49.71	1.07657	0.03
2	4	7	o	6328.667	4493.613	140.33	1.07647	0.16
1	3	8	o	1087.538	750.779	68.50	1.07465	0.03
3	3	-9	o	1852.706	1171.375	-21.32	1.07449	0.04
3	15	-3	o	268.736	175.344	107.01	1.08905	0.01
3	15	0	o	2584.353	1953.331	-146.53	1.08800	0.06
1	15	-5	o	4534.817	3364.110	62.05	1.07842	0.10
1	15	4	o	3670.884	2654.674	68.51	1.07740	0.09
3	3	6	o	967.001	789.376	84.56	1.06944	0.02
6	0	-4	o	5844.205	4371.326	-59.43	1.08426	0.06
5	7	-6	o	950.013	739.273	167.56	1.08376	0.02
1	9	-8	o	835.612	713.672	-50.15	1.06793	0.02
6	0	-2	o	3996.412	2967.799	-34.56	1.08287	0.04
5	7	1	o	792.974	559.960	140.95	1.07973	0.02
6	2	-4	o	1543.763	1107.958	26.06	1.07743	0.04
0	16	4	o	3226.027	2367.372	29.28	1.07020	0.08
6	2	-3	o	2142.817	1597.151	-45.35	1.08387	0.05
4	6	-8	o	2979.411	2267.310	63.65	1.07001	0.06
4	12	-5	o	4289.181	3155.155	42.66	1.07679	0.09
6	2	-2	o	1819.040	1273.671	-165.80	1.07607	0.04
5	5	-7	o	5460.284	4647.418	86.17	1.06842	0.11
3	11	-7	o	415.528	352.980	-6.95	1.06830	0.01
4	12	1	o	2050.700	1406.364	154.03	1.07407	0.04
5	9	-5	o	13097.987	8838.017	-99.63	1.07148	0.27
1	17	-3	o	863.504	701.824	159.48	1.06903	0.02
5	9	0	o	1859.014	1528.135	-31.12	1.06870	0.05
1	17	2	o	1732.437	1487.122	-71.79	1.06847	0.04
0	18	0	o	2988.892	2615.866	180.00	1.06835	0.03

file:///Volumes/...sfers-TM/Data%20Backups/Roebling/05-12-2023/minsocam/MSA/AmMin/TOC/2011/ND11_Data/Lee_p1718_11_CIF3.txt[5/17/23, 10:18:21 PM]