

data_publication_text
_publ_requested_journal 'American Mineralogist'
_publ_section_title
;
Variability in sepiolite: Diffraction studies.
;
_publ_contact_author_name 'S\'anchez del R\'io, M.'
_publ_contact_author_address
;
European Synchrotron Radiation Facility, 6 rue Jules Horowitz,
38000 Grenoble, France
;
_publ_contact_author_email 'srio@esrf.fr'
loop_
_publ_author_name
_publ_author_address

'Garc\'ia-Romero, E.'
;
Departamento de Cristalograf\'ia y Mineralog\'ia,
Universidad Complutense de Madrid, 28040 Madrid, Spain
;

'Su\'arez, M.'
;
Departamento de Geolog\'ia. Universidad de Salamanca,
37008 Salamanca, Spain
;

'da Silva, I.'
;
SpLine - Spanish CRG Beamline at the ESRF
6, Rue Jules Horowitz, BP 220
38043 Grenoble Cedex 09
France
;

'Fuentes Montero, L.'
;
Institut Laue-Langevin, 6 rue Jules Horowitz,
38000 Grenoble, France
;

'Mart\'inez-Criado, G.'
;
European Synchrotron Radiation Facility,
6 rue Jules Horowitz, 38000 Grenoble, France
;

#=====

data_NOR25

#=====

5. CHEMICAL DATA

```
_chemical_name_systematic
; ?
;
_chemical_name_common      ?
_chemical_formula_moiety    'Mg7.68 O38 Si12, 6(O)'
_chemical_formula_structural ?
_chemical_formula_analytical ?
_chemical_formula_iupac     ?
_chemical_formula_sum       'Mg7.68 O44 Si12'
_chemical_formula_weight    1227.662
_chemical_melting_point     ?
_chemical_compound_source   ?    # for minerals and
                              # natural products
```

```
loop_
  _atom_type_symbol
  _atom_type_scatter_Cromer_Mann_a1
  _atom_type_scatter_Cromer_Mann_b1
  _atom_type_scatter_Cromer_Mann_a2
  _atom_type_scatter_Cromer_Mann_b2
  _atom_type_scatter_Cromer_Mann_a3
  _atom_type_scatter_Cromer_Mann_b3
  _atom_type_scatter_Cromer_Mann_a4
  _atom_type_scatter_Cromer_Mann_b4
  _atom_type_scatter_Cromer_Mann_c
  _atom_type_scatter_dispersion_real
  _atom_type_scatter_dispersion_imag
  _atom_type_scatter_source
si   6.29150 2.43860 3.03530 32.33370 1.98910 0.67850
     1.54100 81.69370 1.14070 0.07200 0.07100
International Tables for Crystallography Vol.C(1991) Tables_6.1.1.4_and_6.1.1.5
mg   5.42040 2.82750 2.17350 79.26110 1.22690 0.38080
     2.30730 7.19370 0.85840 0.04200 0.03600
International Tables for Crystallography Vol.C(1991) Tables_6.1.1.4_and_6.1.1.5
o    3.04850 13.27710 2.28680 5.70110 1.54630 0.32390
     0.86700 32.90890 0.25080 0.00800 0.00600
International Tables for Crystallography Vol.C(1991) Tables_6.1.1.4_and_6.1.1.5
```

#=====

6. POWDER SPECIMEN AND CRYSTAL DATA

```
_symmetry_cell_setting      Orthorhombic
_symmetry_space_group_name_H-M 'P n c n'
_symmetry_space_group_name_Hall '-P 2ab 2n'
```

```
loop_
  _symmetry_equiv_pos_as_xyz #<--must include 'x,y,z'
  'x,y,z'
  'x+1/2,-y+1/2,-z+1/2'
```

```
'-x,y,-z+1/2'
'-x+1/2,-y+1/2,z'
'-x,-y,-z'
'-x+1/2,y+1/2,z+1/2'
'x,-y,z+1/2'
'x+1/2,y+1/2,-z'
```

```
_cell_length_a      13.4074(2)
_cell_length_b      27.0244(4)
_cell_length_c      5.27672(7)
_cell_angle_alpha    90.00000
_cell_angle_beta     90.00000
_cell_angle_gamma    90.00000
_cell_volume         1911.89(5)
_cell_formula_units_Z  2
_cell_measurement_temperature 298
_cell_special_details
; ?
;
```

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
```

The next five fields are character fields that describe the specimen.

```
_pd_spec_mounting      'borosilicate capillary'
_pd_spec_mount_mode     'transmission'
_pd_spec_shape          'cylinder'
_pd_char_particle_morphology ?
_pd_char_colour         ?
```

The following three fields describe the preparation of the specimen.
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    ?
```

The next four fields are normally only needed for transmission experiments.

```
_exptl_absorpt_coefficient_mu 0.7
_exptl_absorpt_correction_type cylinder
_exptl_absorpt_process_details ?
_exptl_absorpt_correction_T_min ?
_exptl_absorpt_correction_T_max ?
```

_exptl_crystal_density_diffn 2.133

#=====

7. EXPERIMENTAL DATA

_pd_instr_location
; SpLine - BM25, Spanish Beamline at the ESRF (Grenoble, France)
;
_pd_calibration_special_details # description of the method used
to calibrate the instrument
; ?
;

_diffn_ambient_temperature 298
_diffn_source 'Synchrotron'
_diffn_radiation_wavelength 0.8263

_diffn_radiation_monochromator 'Si(111)'
_diffn_measurement_device_type ?
_diffn_measurement_method '2\q scan'
_diffn_detector_area_resol_mean ? # Not in version 2.0.1
_diffn_detector 'scintillation counter'
_diffn_detector_type 'Cyberstar'
_pd_meas_scan_method 'step'
_pd_meas_special_details
; ?
;

The following four items give details of the measured (not processed)
powder pattern. Angles are in degrees.

_pd_meas_number_of_points 3895
_pd_meas_2theta_range_min 2.11978
_pd_meas_2theta_range_max 80.00000
_pd_meas_2theta_range_inc 0.020005

#=====

8. REFINEMENT DATA

Definition of non standard CIF items (Reliability indices used in FULLPROF)

loop_
_publ_manuscript_incl_extra_item
_publ_manuscript_incl_extra_info
_publ_manuscript_incl_extra_defn
Name Explanation Standard?

'_pd_proc_ls_prof_cR_factor' 'Prof. R-factor CORRECTED for background' no
'_pd_proc_ls_prof_cwR_factor' 'wProf.R-factor CORRECTED for background' no
'_pd_proc_ls_prof_cwR_expected' 'wProf.Expected CORRECTED for background' no

'_pd_proc_ls_prof_chi2' 'Chi-square for all considered points' no
'_pd_proc_ls_prof_echi2' 'Chi-2 for points with Bragg contribution' no

_refine_special_details
; ?
;

Use the next field to give any special details about the fitting of the
powder pattern.

_pd_proc_ls_special_details
; ?
;

The next three items are given as text.

_pd_proc_ls_profile_function 'Pseudo-Voigt'
_pd_proc_ls_background_function 'Interpolation of points'
_pd_proc_ls_pref_orient_corr
; ?
;

The following profile R-factors are NOT CORRECTED for background
The sum is extended to all non-excluded points.
These are the current CIF standard

_pd_proc_ls_prof_R_factor 4.0084
_pd_proc_ls_prof_wR_factor 5.4462
_pd_proc_ls_prof_wR_expected 0.9800

The following profile R-factors are CORRECTED for background
The sum is extended to all non-excluded points.
These items are not in the current CIF standard, but are defined above

_pd_proc_ls_prof_cR_factor 9.7606
_pd_proc_ls_prof_cwR_factor 10.5227
_pd_proc_ls_prof_cwR_expected 1.8934

The following items are not in the CIF standard, but are defined above

_pd_proc_ls_prof_chi2 30.8862
_pd_proc_ls_prof_echi2 30.8374

Items related to LS refinement

_refine_ls_goodness_of_fit_all 5.5
_refine_ls_R_I_factor 6.5732
_refine_ls_number_reflns 4012
_refine_ls_number_parameters 65
_refine_ls_number_restraints 0

The following four items apply to angular dispersive measurements.
2theta minimum, maximum and increment (in degrees) are for the

intensities used in the refinement.

_pd_proc_2theta_range_min 2.1229
_pd_proc_2theta_range_max 80.0032
_pd_proc_2theta_range_inc 0.020005
_pd_proc_wavelength 0.826300

_pd_block_diffraction_id NOR25_profile

Give appropriate details in the next two text fields.

_pd_proc_info_excluded_regions ?
_pd_proc_info_data_reduction ?

The following items are used to identify the programs used.

_computing_data_collection ?
_computing_structure_solution ?
_computing_structure_refinement FULLPROF
_computing_molecular_graphics ?
_computing_publication_material ?

#=====

9. ATOMIC COORDINATES AND DISPLACEMENT PARAMETERS

loop_							
_atom_site_label							
_atom_site_fract_x							
_atom_site_fract_y							
_atom_site_fract_z							
_atom_site_U_iso_or_equiv							
_atom_site_occupancy							
_atom_site_adp_type # Not in version 2.0.1							
_atom_site_type_symbol							
SI1	0.1990(4)	0.0272(3)	0.5834(12)	0.0080(4)	1.00000	Uiso	SI
SI2	0.2091(5)	0.1405(2)	0.5736(13)	0.0080(4)	1.00000	Uiso	SI
SI3	0.2003(5)	0.1967(2)	0.0800(14)	0.0080(4)	1.00000	Uiso	SI
Mg1	0.00000	0.0299(5)	0.25000	0.0095(8)	0.96000	Uiso	MG
Mg2	0.00000	0.0887(4)	0.75000	0.0095(8)	0.96000	Uiso	MG
Mg3	0.00000	0.1451(4)	0.25000	0.0095(8)	0.96000	Uiso	MG
Mg4	0.00000	0.2041(4)	0.75000	0.0095(8)	0.96000	Uiso	MG
O9	0.25000	0.25000	0.077(4)	0.0061(7)	1.00000	Uiso	O
O1	0.0900(8)	0.0257(5)	0.566(2)	0.0061(7)	1.00000	Uiso	O
O3	0.0730(9)	0.1399(4)	0.583(2)	0.0061(7)	1.00000	Uiso	O
O4	0.0819(9)	0.1963(4)	0.086(2)	0.0061(7)	1.00000	Uiso	O
O5	0.2535(8)	0.0065(5)	0.332(3)	0.0061(7)	1.00000	Uiso	O
O6	0.2401(7)	0.0791(5)	0.601(2)	0.0061(7)	1.00000	Uiso	O
O7	0.2444(9)	0.1664(5)	0.335(3)	0.0061(7)	1.00000	Uiso	O
O8	0.2620(8)	0.1699(5)	0.776(2)	0.0061(7)	1.00000	Uiso	O
O2	0.0862(7)	0.0835(5)	0.0927(20)	0.0061(7)	1.00000	Uiso	O
O10	0.0781(8)	0.2611(4)	0.557(2)	0.0061(7)	1.00000	Uiso	O
OW1	0.0631(11)	0.3923(7)	0.999(3)	0.067(6)	0.75000	Uiso	O
OW2	0.00000	0.6374(9)	0.25000	0.067(6)	0.75000	Uiso	O

OW3 0.00000 0.4851(11) 0.25000 0.067(6) 0.75000 Uiso O

Note: if the displacement parameters were refined anisotropically
the U matrices should be given as for single-crystal studies.

#=====

Powder diffraction pattern number 1

#=====

data_NOR25_profile

_pd_block_id NOR25_profile
_pd_proc_ls_peak_cutoff 0.00500
_pd_calc_method " Rietveld Refinement"

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

_pd_meas_2theta_range_min	2.119780
_pd_meas_2theta_range_max	80.000000
_pd_meas_2theta_range_inc	0.020005
_pd_proc_2theta_range_min	2.122935
_pd_proc_2theta_range_max	80.003159
_pd_proc_2theta_range_inc	0.020005

loop_
_pd_proc_point_id
_pd_proc_2theta_corrected
_pd_proc_intensity_total
_pd_calc_intensity_total
_pd_proc_intensity_bkg_calc

20	2.5033	923(5)	811.6850	811.6850
21	2.5232	887(5)	811.6850	811.6850
22	2.5432	860(5)	811.6850	811.6850
23	2.5632	856(5)	811.6850	811.6850
24	2.5831	836(5)	811.6850	811.6850
25	2.6031	833(5)	811.6915	811.6850
26	2.6232	828(5)	813.3913	813.3845
27	2.6432	823(5)	810.7731	810.7659
28	2.6632	810(5)	808.1627	808.1552
29	2.6831	798(5)	805.5562	805.5483
30	2.7031	800(5)	802.9421	802.9337
31	2.7229	789(5)	800.3488	800.3400
32	2.7429	776(5)	797.7386	797.7292
33	2.7628	789(5)	795.1323	795.1224
34	2.7829	779(5)	790.8814	790.8708
35	2.8030	778(5)	785.4705	785.4592
36	2.8231	762(5)	780.0568	780.0449
37	2.8431	764(5)	774.6703	774.6575
38	2.8632	757(5)	769.2676	769.2539
39	2.8831	759(5)	763.8974	763.8826
40	2.9032	750(5)	758.4870	758.4710
41	2.9233	746(4)	753.0577	753.0405

42	2.9433	742(4)	747.6799	747.6611
43	2.9633	737(4)	765.7305	742.2737
44	2.9833	733(4)	761.3904	736.8782
45	3.0034	732(4)	757.1174	731.4747
46	3.0234	734(4)	752.9373	726.0872
47	3.0434	728(4)	748.8454	720.6998
48	3.0633	726(4)	744.8686	715.3367
49	3.0832	725(4)	741.0123	709.9924
50	3.1032	716(4)	737.2416	704.5982
51	3.1232	717(4)	734.4869	700.0795
52	3.1432	718(4)	731.9050	695.5879
53	3.1633	719(4)	729.4755	691.0466
54	3.1833	718(4)	727.2722	686.5482
55	3.2032	722(4)	725.3055	682.0723
56	3.2232	722(4)	723.5798	677.5671
57	3.2432	716(4)	722.1415	673.0687
58	3.2630	718(4)	721.0312	668.5996
59	3.2830	711(4)	720.2793	664.0945
60	3.3030	722(4)	719.9517	659.5893
61	3.3231	721(4)	720.1166	655.0684
62	3.3431	733(4)	720.8536	650.5632
63	3.3630	725(4)	722.2553	646.0738
64	3.3831	744(4)	724.4670	641.5461
65	3.4032	743(4)	727.6340	637.0071
66	3.4232	759(5)	731.8471	632.5222
67	3.4432	766(5)	737.3035	628.0170
68	3.4631	784(5)	744.0842	623.5254
69	3.4832	809(5)	752.4186	618.9865
70	3.5032	822(5)	762.4189	614.5015
71	3.5232	844(5)	775.2600	609.9896
72	3.5431	843(5)	793.5132	605.8417
73	3.5632	882(5)	822.1393	602.2974
74	3.5833	910(5)	867.8064	598.7354
75	3.6032	950(5)	939.7803	595.2245
76	3.6233	1027(5)	1053.9822	591.6678
77	3.6432	1124(5)	1223.0780	588.1622
78	3.6631	1278(6)	1465.0684	584.6391
79	3.6832	1512(6)	1794.6882	581.0894
80	3.7032	1889(7)	2218.3262	577.5556
81	3.7232	2452(8)	2746.6831	574.0219
82	3.7432	3209(9)	3391.0107	570.4881
83	3.7631	4136(11)	4162.8203	566.9702
84	3.7832	5294(12)	5096.0688	563.4205
85	3.8032	6494(13)	6214.4243	559.8762
86	3.8232	7813(15)	7548.4199	556.3423
87	3.8432	9196(16)	9112.5996	552.8086
88	3.8631	10732(17)	10844.7451	549.3013
89	3.8831	12357(18)	12613.6250	545.7728
90	3.9030	13759(19)	14086.0254	542.2514
91	3.9231	14365(20)	14744.6748	538.7053
92	3.9431	13690(19)	14020.9453	535.1662
93	3.9632	11599(18)	11858.4531	531.6218
94	3.9831	8750(15)	8941.5576	528.0987
95	4.0032	5888(13)	6090.1118	525.2640

96	4.0231	3649(10)	3891.7393	522.5775
97	4.0431	2362(8)	2455.2961	519.8788
98	4.0629	1661(7)	1647.9196	517.1975
99	4.0831	1298(6)	1225.8425	514.4813
100	4.1030	1093(5)	1014.8296	511.7920
101	4.1231	953(5)	900.1160	509.0838
102	4.1429	860(5)	830.4393	506.4067
103	4.1630	789(5)	780.8107	503.6958
104	4.1831	735(4)	742.3840	500.9876
105	4.2031	698(4)	710.8406	498.2848
106	4.2232	656(4)	683.9696	495.5740
107	4.2432	618(4)	660.7860	492.8671
108	4.2632	600(4)	640.6949	490.1805
109	4.2832	581(4)	622.9521	487.4818
110	4.3031	569(4)	607.3098	484.7911
111	4.3232	549(4)	593.2912	482.0803
112	4.3433	542(4)	580.7209	479.3640
113	4.3630	527(4)	569.6349	476.7085
114	4.3829	523(4)	559.4424	474.0219
115	4.4030	503(4)	550.0423	471.3110
116	4.4231	493(4)	541.3895	468.5988
117	4.4432	479(4)	533.3931	465.8878
118	4.4632	479(4)	525.9636	463.1810
119	4.4831	475(4)	519.0841	460.5026
120	4.5031	463(4)	512.5752	457.8079
121	4.5231	458(4)	506.4096	455.1051
122	4.5431	453(4)	499.5389	451.3740
123	4.5630	451(3)	492.9774	447.6584
124	4.5831	449(3)	486.6085	443.9112
125	4.6029	439(3)	480.5210	440.2012
126	4.6232	436(3)	474.5161	436.4203
127	4.6432	432(3)	468.7614	432.6862
128	4.6632	432(3)	463.1469	428.9407
129	4.6833	424(3)	457.6715	425.1934
130	4.7033	425(3)	452.3425	421.4592
131	4.7232	422(3)	447.1696	417.7549
132	4.7431	413(3)	442.0736	414.0319
133	4.7632	404(3)	437.0419	410.2864
134	4.7832	402(3)	432.1116	406.5522
135	4.8032	398(3)	427.8390	403.4021
136	4.8233	403(3)	424.7436	401.3557
137	4.8433	399(3)	421.7249	399.3165
138	4.8632	399(3)	418.7767	397.2844
139	4.8832	398(3)	415.8865	395.2543
140	4.9032	396(3)	413.0301	393.2121
141	4.9233	391(3)	410.2070	391.1596
142	4.9432	394(3)	389.1336	389.1336
143	4.9633	392(3)	387.0811	387.0811
144	4.9832	389(3)	385.0582	385.0582
145	5.0032	395(3)	383.0098	383.0098
146	5.0232	388(3)	380.9767	380.9767
147	5.0433	395(3)	378.9242	378.9242
148	5.0632	380(3)	376.9013	376.9013
149	5.0831	384(3)	374.8712	374.8712

150	5.1031	378(3)	372.8289	372.8289
151	5.1232	363(3)	370.7805	370.7805
152	5.1433	367(3)	368.7249	368.7249
153	5.1633	365(3)	366.6857	366.6857
154	5.1833	360(3)	364.6465	364.6465
155	5.2034	355(3)	362.6011	362.6011
156	5.2233	353(3)	360.5711	360.5711
157	5.2433	353(3)	358.5319	358.5319
158	5.2632	352(3)	356.4998	356.4998
159	5.2832	351(3)	354.4697	354.4697
160	5.3032	345(3)	352.5876	352.5876
161	5.3232	346(3)	350.8174	350.8174
162	5.3432	341(3)	349.0420	349.0420
163	5.3631	348(3)	347.2771	347.2771
164	5.3832	344(3)	345.4963	345.4963
165	5.4032	341(3)	343.7181	343.7181
166	5.4232	341(3)	342.5647	341.9453
167	5.4432	337(3)	340.8262	340.1778
168	5.4632	333(3)	339.0872	338.4077
169	5.4832	334(3)	337.3479	336.6348
170	5.5032	336(3)	335.6111	334.8620
171	5.5232	334(3)	333.8693	333.0812
172	5.5432	328(3)	332.1462	331.3163
173	5.5632	331(3)	330.4110	329.5355
174	5.5833	325(3)	328.6788	327.7538
175	5.6034	333(3)	326.9544	325.9757
176	5.6233	329(3)	325.2476	324.2108
177	5.6433	334(3)	323.5385	322.4380
178	5.6632	325(3)	321.8465	320.6767
179	5.6832	323(3)	320.1528	318.9065
180	5.7032	324(3)	318.4619	317.1310
181	5.7232	324(3)	316.7823	315.3582
182	5.7432	318(3)	315.1147	313.5871
183	5.7632	320(3)	314.6267	312.9836
184	5.7832	322(3)	314.1559	312.3846
185	5.8032	318(3)	313.6981	311.7820
186	5.8233	320(3)	313.2567	311.1765
187	5.8432	316(3)	312.8413	310.5769
188	5.8631	316(3)	312.4538	309.9806
189	5.8830	322(3)	312.0948	309.3810
190	5.9031	322(3)	311.7708	308.7772
191	5.9229	321(3)	311.4951	308.1794
192	5.9429	318(3)	311.2739	307.5786
193	5.9631	312(3)	311.1216	306.9713
194	5.9832	319(3)	311.0622	306.3669
195	6.0032	314(3)	311.1274	305.7661
196	6.0230	319(3)	311.3777	305.1692
197	6.0431	324(3)	312.8973	304.5654
198	6.0631	320(3)	314.1451	303.9628
199	6.0832	324(3)	316.6613	303.3584
200	6.1032	325(3)	321.5576	302.7576
201	6.1231	327(3)	330.6149	302.1587
202	6.1429	343(3)	346.2601	301.5618
203	6.1628	366(3)	371.6147	300.9628

204	6.1828	399(3)	410.1512	300.3611
205	6.2028	445(3)	465.3434	299.7585
206	6.2229	524(4)	540.4974	299.1541
207	6.2429	607(4)	635.7577	298.5524
208	6.2629	705(4)	745.9288	297.9517
209	6.2829	811(5)	856.1562	297.3491
210	6.3030	885(5)	938.9012	296.7456
211	6.3229	903(5)	959.4176	296.1457
212	6.3431	854(5)	895.3987	295.5401
213	6.3628	742(4)	765.8920	294.9450
214	6.3828	605(4)	614.4563	294.3433
215	6.4031	481(4)	483.8366	293.7350
216	6.4232	395(3)	395.8919	293.1306
217	6.4432	351(3)	346.5648	292.5280
218	6.4633	331(3)	322.3911	291.9224
219	6.4833	315(3)	311.4863	291.3207
220	6.5033	308(3)	306.3183	290.7191
221	6.5232	310(3)	303.4581	290.1195
222	6.5432	303(3)	301.5387	289.5196
223	6.5632	304(3)	300.0774	288.9179
224	6.5831	303(3)	298.9135	288.3198
225	6.6031	293(3)	297.9623	287.7173
226	6.6232	294(3)	297.1994	287.1129
227	6.6432	293(3)	296.6157	286.5112
228	6.6631	293(3)	296.2058	285.9131
229	6.6831	297(3)	295.9708	285.3105
230	6.7031	287(3)	295.9309	284.7097
231	6.7229	293(3)	296.5764	284.5737
232	6.7429	288(3)	297.5065	284.4392
233	6.7628	295(3)	298.8102	284.3051
234	6.7828	291(3)	300.6859	284.1701
235	6.8031	295(3)	303.5085	284.0339
236	6.8231	299(3)	307.8573	283.8991
237	6.8431	295(3)	314.8359	283.7644
238	6.8631	300(3)	326.1520	283.6295
239	6.8832	310(3)	344.2691	283.4941
240	6.9032	325(3)	372.1800	283.3589
241	6.9232	356(3)	412.7849	283.2246
242	6.9433	396(3)	469.2893	283.0890
243	6.9633	447(3)	541.3956	282.9543
244	6.9833	513(4)	626.5786	282.8193
245	7.0034	588(4)	716.7335	282.6840
246	7.0234	650(4)	796.0111	282.5492
247	7.0433	690(4)	842.5436	282.4151
248	7.0632	692(4)	834.2436	282.2810
249	7.0832	636(4)	766.1537	282.1469
250	7.1032	557(4)	660.4452	282.0121
251	7.1232	472(4)	549.2867	281.8768
252	7.1433	401(3)	456.1054	281.7416
253	7.1632	357(3)	390.1334	281.6077
254	7.1832	327(3)	348.2240	281.4726
255	7.2032	317(3)	324.3771	281.3382
256	7.2232	304(3)	311.2352	281.2031
257	7.2431	299(3)	303.9549	281.0693

258	7.2630	294(3)	298.9768	280.9353
259	7.2829	294(3)	295.9631	280.8011
260	7.3030	286(3)	293.6898	280.6658
261	7.3231	291(3)	291.8787	280.5304
262	7.3431	285(3)	290.3874	280.3956
263	7.3631	286(3)	289.1259	280.2611
264	7.3831	284(3)	288.0385	280.1262
265	7.4032	278(3)	287.0916	279.9908
266	7.4231	284(3)	286.2700	279.8567
267	7.4432	282(3)	285.5386	279.7213
268	7.4632	282(3)	284.8922	279.5866
269	7.4832	283(3)	284.3144	279.4518
270	7.5031	283(3)	283.7979	279.3179
271	7.5232	282(3)	283.3262	279.1826
272	7.5432	280(3)	282.9000	279.0478
273	7.5632	282(3)	282.5105	278.9124
274	7.5832	286(3)	282.1576	278.7777
275	7.6032	284(3)	281.8387	278.6434
276	7.6232	284(3)	281.5533	278.5088
277	7.6432	282(3)	281.3066	278.3735
278	7.6632	278(3)	281.1172	278.2393
279	7.6832	284(3)	281.0115	278.1044
280	7.7032	276(3)	281.0413	277.9698
281	7.7232	283(3)	281.2828	277.8351
282	7.7432	288(3)	281.8346	277.7004
283	7.7632	285(3)	282.7979	277.5656
284	7.7832	296(3)	284.2443	277.4303
285	7.8032	295(3)	286.1257	277.2959
286	7.8232	306(3)	288.2837	277.1608
287	7.8432	304(3)	290.3110	277.0265
288	7.8631	310(3)	291.6336	276.8923
289	7.8830	311(3)	291.6039	276.7582
290	7.9031	309(3)	289.9319	276.6230
291	7.9231	304(3)	287.1344	276.4883
292	7.9432	294(3)	284.0840	276.3529
293	7.9631	292(3)	281.4935	276.2186
294	7.9832	289(3)	279.6048	276.0835
295	8.0032	276(3)	278.3934	275.9487
296	8.0231	274(3)	277.6584	275.8144
297	8.0430	283(3)	277.1990	275.6803
298	8.0629	282(3)	276.8781	275.5460
299	8.0831	276(3)	276.6207	275.4103
300	8.1031	274(3)	276.3968	275.2756
301	8.1231	282(3)	276.1718	275.9219
302	8.1429	283(3)	276.7818	276.5645
303	8.1629	284(3)	277.4038	277.2134
304	8.1832	278(3)	278.0383	277.8704
305	8.2032	280(3)	278.6694	278.5202
306	8.2232	283(3)	279.3043	279.1710
307	8.2432	283(3)	279.9368	279.8169
308	8.2632	281(3)	280.5740	280.4658
309	8.2832	276(3)	281.2138	281.1156
310	8.3032	284(3)	281.8847	281.7644
311	8.3232	285(3)	282.5294	282.4152

312	8.3431	283(3)	283.1684	283.0592
313	8.3630	282(3)	283.8099	283.7048
314	8.3830	287(3)	283.9750	283.8732
315	8.4031	283(3)	284.1375	284.0384
316	8.4231	284(3)	284.3002	284.2029
317	8.4432	285(3)	284.4642	284.3682
318	8.4632	285(3)	284.6288	284.5335
319	8.4832	286(3)	284.7925	284.6973
320	8.5032	290(3)	284.9575	284.8619
321	8.5231	289(3)	285.1223	285.0257
322	8.5430	286(3)	285.6229	285.1897
323	8.5631	283(3)	285.8058	285.3548
324	8.5830	287(3)	285.9892	285.5188
325	8.6031	287(3)	286.1758	285.6839
326	8.6231	291(3)	286.3638	285.8484
327	8.6432	290(3)	286.5554	286.0140
328	8.6632	292(3)	286.7484	286.1786
329	8.6834	294(3)	286.9468	286.3452
330	8.7033	287(3)	287.1449	286.5087
331	8.7232	287(3)	287.3463	286.6720
332	8.7431	293(3)	287.5530	286.8360
333	8.7632	290(3)	287.7661	287.0011
334	8.7832	295(3)	287.9846	287.1659
335	8.8033	292(3)	288.2113	287.3315
336	8.8232	299(3)	288.4441	287.4955
337	8.8433	298(3)	288.6886	287.6606
338	8.8632	292(3)	288.9444	287.8246
339	8.8832	297(3)	289.5381	288.3247
340	8.9032	297(3)	290.2898	288.9341
341	8.9232	299(3)	291.1107	289.5435
342	8.9432	303(3)	292.1165	290.1510
343	8.9632	302(3)	293.5314	290.7622
344	8.9832	297(3)	295.8668	291.3716
345	9.0033	300(3)	300.0291	291.9831
346	9.0232	309(3)	307.3195	292.5903
347	9.0432	313(3)	319.1330	293.1996
348	9.0631	324(3)	336.3056	293.8044
349	9.0831	333(3)	358.3207	294.4138
350	9.1032	354(3)	381.5041	295.0259
351	9.1232	363(3)	399.0461	295.6371
352	9.1433	369(3)	403.6020	296.2495
353	9.1632	361(3)	392.0975	296.8558
354	9.1834	347(3)	369.0044	297.4709
355	9.2034	336(3)	344.5781	298.0794
356	9.2233	333(3)	326.4510	298.6860
357	9.2433	321(3)	317.1348	299.2954
358	9.2632	326(3)	315.8106	299.9026
359	9.2831	329(3)	321.4168	300.5074
360	9.3032	331(3)	335.2601	301.1195
361	9.3232	361(3)	360.6894	301.7289
362	9.3432	386(3)	402.2318	302.3382
363	9.3632	418(3)	462.5963	302.9476
364	9.3832	480(4)	538.9951	303.5569
365	9.4032	534(4)	620.2823	304.1682

366	9.4232	584(4)	685.2455	304.7757
367	9.4432	603(4)	709.5056	305.3868
368	9.4632	587(4)	677.3871	305.9935
369	9.4832	530(4)	599.5680	306.6038
370	9.5032	473(4)	507.1001	307.2131
371	9.5232	405(3)	427.4203	307.8224
372	9.5432	377(3)	373.0203	308.4318
373	9.5633	350(3)	342.3203	309.0451
374	9.5834	345(3)	327.8459	309.6572
375	9.6034	336(3)	321.8746	310.2828
376	9.6233	337(3)	321.8138	312.1810
377	9.6432	338(3)	322.7294	314.0812
378	9.6632	340(3)	324.7887	315.9823
379	9.6832	342(3)	328.1095	317.8891
380	9.7032	344(3)	333.0902	319.8016
381	9.7232	341(3)	340.3276	321.6999
382	9.7432	347(3)	348.9792	323.6066
383	9.7631	348(3)	358.3095	325.5078
384	9.7832	351(3)	366.6024	327.4289
385	9.8032	352(3)	371.7604	329.3299
386	9.8233	355(3)	373.3788	331.2491
387	9.8432	357(3)	373.5638	333.1436
388	9.8631	362(3)	375.8232	335.0418
389	9.8830	375(3)	382.4094	336.9391
390	9.9030	382(3)	392.9120	338.8459
391	9.9230	380(3)	404.1609	340.7527
392	9.9429	390(3)	411.5500	342.6538
393	9.9632	388(3)	411.2036	344.5816
394	9.9831	385(3)	403.0056	346.4827
395	10.0032	380(3)	390.8652	348.3952
396	10.0231	383(3)	379.4572	350.2925
397	10.0432	372(3)	371.3459	352.2089
398	10.0631	369(3)	367.1950	354.1062
399	10.0832	377(3)	366.1252	356.0225
400	10.1031	380(3)	367.1288	357.9198
401	10.1231	386(3)	369.2984	359.5380
402	10.1430	384(3)	373.5644	361.1146
403	10.1629	393(3)	378.8107	362.6911
404	10.1829	401(3)	386.1648	364.2755
405	10.2029	419(3)	395.5815	365.8600
406	10.2231	435(3)	406.4843	367.4603
407	10.2430	455(4)	417.5322	369.0368
408	10.2629	460(4)	428.6252	370.6133
409	10.2830	475(4)	442.4189	372.2057
410	10.3031	487(4)	465.4790	373.7980
411	10.3230	522(4)	505.6877	375.3745
412	10.3430	567(4)	568.1285	376.9590
413	10.3630	633(4)	649.3112	378.5434
414	10.3829	704(4)	737.7715	380.1199
415	10.4031	785(5)	825.1954	381.7202
416	10.4232	858(5)	910.0630	383.3126
417	10.4432	965(5)	1007.8259	384.8970
418	10.4634	1108(5)	1133.1174	386.4973
419	10.4834	1274(6)	1267.7263	388.0817

420	10.5034	1386(6)	1361.1089	389.6662
421	10.5234	1378(6)	1350.8037	391.2506
422	10.5432	1256(6)	1218.8726	392.8192
423	10.5632	1052(5)	1011.7676	394.4037
424	10.5831	836(5)	806.1827	395.9801
425	10.6032	672(4)	651.4442	397.5726
426	10.6232	575(4)	564.9445	398.1528
427	10.6432	569(4)	536.2034	398.6216
428	10.6631	577(4)	546.1908	399.0880
429	10.6831	626(4)	577.4756	399.5567
430	10.7032	663(4)	615.7253	400.0278
431	10.7230	704(4)	646.4636	400.4919
432	10.7429	714(4)	657.1929	400.9583
433	10.7629	683(4)	640.6224	401.4270
434	10.7830	650(4)	603.3423	401.8981
435	10.8031	597(4)	562.3272	402.3692
436	10.8230	567(4)	535.9547	402.8356
437	10.8431	569(4)	543.1446	403.3066
438	10.8632	616(4)	610.3243	403.7777
439	10.8832	747(5)	771.4419	404.2465
440	10.9033	1008(5)	1062.8040	404.7176
441	10.9233	1417(6)	1489.1654	405.1863
442	10.9433	1935(7)	1997.8242	405.6550
443	10.9634	2398(8)	2459.0181	406.1261
444	10.9834	2655(9)	2689.8091	406.5948
445	11.0035	2555(8)	2563.0708	407.0659
446	11.0235	2139(8)	2117.2112	407.5347
447	11.0434	1570(7)	1547.3337	408.0011
448	11.0633	1071(5)	1049.4888	408.4675
449	11.0832	736(4)	719.0740	408.9339
450	11.1032	594(4)	544.5008	409.4026
451	11.1234	526(4)	468.8839	409.8760
452	11.1433	491(4)	441.3839	410.3424
453	11.1633	480(4)	431.6535	410.8112
454	11.1834	478(4)	427.7790	411.2823
455	11.2032	457(4)	425.7903	411.7463
456	11.2234	460(4)	424.2884	412.0302
457	11.2431	451(4)	422.8718	411.9734
458	11.2630	440(3)	421.6722	411.9159
459	11.2830	443(3)	420.7180	411.8582
460	11.3030	444(3)	419.9388	411.8005
461	11.3232	447(4)	419.3061	411.7422
462	11.3431	440(3)	418.8289	411.6847
463	11.3631	441(3)	418.5222	411.6270
464	11.3832	438(3)	418.4842	411.5690
465	11.4031	433(3)	418.9446	411.5116
466	11.4232	437(3)	420.3756	411.4536
467	11.4432	437(3)	423.5020	411.3958
468	11.4633	440(3)	428.5615	411.3378
469	11.4832	438(3)	437.4529	411.2804
470	11.5031	434(3)	449.1155	411.2229
471	11.5232	433(3)	461.7409	411.1649
472	11.5432	440(3)	471.5973	411.1072
473	11.5633	436(3)	474.6913	411.1082

474	11.5834	438(3)	468.8224	411.1408
475	11.6032	433(3)	456.5791	411.1729
476	11.6232	439(3)	442.5929	411.2053
477	11.6433	435(3)	430.8711	411.2379
478	11.6632	442(3)	423.1477	411.2701
479	11.6832	440(3)	418.8921	411.3026
480	11.7032	446(3)	417.4634	411.3350
481	11.7232	443(3)	416.8397	411.3674
482	11.7432	454(4)	416.9408	411.3998
483	11.7631	459(4)	418.5733	411.4320
484	11.7834	471(4)	420.7186	411.4649
485	11.8032	482(4)	425.1635	411.4970
486	11.8233	494(4)	435.2823	411.5296
487	11.8433	501(4)	453.9964	411.5620
488	11.8631	511(4)	483.0818	411.5941
489	11.8830	522(4)	523.8474	411.6263
490	11.9031	544(4)	569.7858	411.6589
491	11.9231	563(4)	608.0135	411.6913
492	11.9431	576(4)	624.5607	411.7238
493	11.9631	580(4)	611.0970	411.7562
494	11.9832	552(4)	572.0343	411.7887
495	12.0032	517(4)	523.4411	411.8211
496	12.0231	482(4)	480.6275	411.8534
497	12.0430	460(4)	450.5947	411.8857
498	12.0630	441(3)	433.1132	411.9181
499	12.0830	437(3)	424.5484	411.9505
500	12.1031	429(3)	420.8950	411.9831
501	12.1231	430(3)	419.5304	412.0155
502	12.1429	434(3)	419.0980	412.0475
503	12.1630	422(3)	419.0477	412.0801
504	12.1832	422(3)	419.1316	412.0464
505	12.2032	426(3)	418.9773	411.6360
506	12.2233	431(3)	418.9483	411.2234
507	12.2432	425(3)	419.0474	410.8150
508	12.2631	433(3)	419.2866	410.4066
509	12.2832	440(3)	419.6926	409.9941
510	12.3032	438(3)	420.2941	409.5836
511	12.3232	441(3)	421.1429	409.1731
512	12.3431	438(3)	422.3135	408.7647
513	12.3630	433(3)	423.9642	408.3563
514	12.3830	433(3)	426.4687	407.9458
515	12.4031	437(3)	430.7680	407.5333
516	12.4230	446(3)	439.0077	407.1249
517	12.4432	470(4)	456.3112	406.7103
518	12.4633	511(4)	491.2637	406.2978
519	12.4832	583(4)	555.4977	405.8893
520	12.5032	708(4)	661.5835	405.4789
521	12.5231	885(5)	812.1642	405.0704
522	12.5430	1079(5)	995.5647	404.6620
523	12.5631	1276(6)	1183.0664	404.2495
524	12.5831	1403(6)	1333.2241	403.8391
525	12.6030	1469(6)	1422.2368	403.4306
526	12.6231	1479(6)	1463.7860	403.0181
527	12.6432	1491(6)	1484.9280	402.6056

528	12.6633	1471(6)	1484.1321	402.1930
529	12.6834	1411(6)	1423.5403	401.7805
530	12.7034	1274(6)	1274.6908	401.3700
531	12.7232	1071(5)	1065.9153	400.9637
532	12.7431	846(5)	851.9918	400.5553
533	12.7631	662(4)	677.1541	399.2625
534	12.7832	550(4)	558.2314	397.3598
535	12.8033	485(4)	488.4644	395.4571
536	12.8234	465(4)	450.7562	393.5544
537	12.8433	432(3)	430.3439	391.6706
538	12.8633	424(3)	418.2466	389.7773
539	12.8833	411(3)	410.2258	387.8841
540	12.9033	403(3)	404.4930	385.9908
541	12.9233	396(3)	399.9900	384.0975
542	12.9432	396(3)	396.2424	382.2138
543	12.9632	390(3)	392.9604	380.3205
544	12.9833	398(3)	390.0156	378.4178
545	13.0034	384(3)	387.3307	376.5151
546	13.0232	387(3)	384.8529	374.6407
547	13.0433	374(3)	382.4230	372.7380
548	13.0631	379(3)	380.0719	370.8637
549	13.0831	373(3)	377.7262	368.9705
550	13.1032	377(3)	377.6198	367.0677
551	13.1233	370(3)	375.6165	365.1650
552	13.1433	369(3)	373.7932	363.2718
553	13.1634	367(3)	372.1664	361.3702
554	13.1834	375(3)	370.8886	359.5901
555	13.2035	378(3)	369.9225	357.8010
556	13.2234	379(3)	369.5471	356.0298
557	13.2433	370(3)	370.4969	354.2585
558	13.2632	385(3)	374.6492	352.4873
559	13.2832	397(3)	386.1183	350.7072
560	13.3032	425(3)	412.0201	348.9270
561	13.3232	471(4)	461.6249	347.1469
562	13.3431	531(4)	541.3973	345.3756
563	13.3632	653(4)	649.5328	343.5866
564	13.3832	754(5)	764.3765	341.8065
565	13.4032	851(5)	850.0613	340.0264
566	13.4232	870(5)	867.7059	338.2462
567	13.4432	802(5)	803.4415	336.4661
568	13.4633	686(4)	684.8441	334.6770
569	13.4832	568(4)	560.4056	332.9058
570	13.5032	464(4)	461.2900	331.1256
571	13.5232	406(3)	399.1302	329.3455
572	13.5432	379(3)	366.4904	327.5654
573	13.5634	369(3)	351.3873	325.7675
574	13.5834	356(3)	344.9818	323.9873
575	13.6035	358(3)	342.8625	322.6207
576	13.6233	360(3)	344.0757	322.1860
577	13.6433	368(3)	347.2720	321.7469
578	13.6632	368(3)	355.0794	321.3100
579	13.6832	391(3)	367.9702	320.8709
580	13.7033	421(3)	386.1685	320.4296
581	13.7231	451(4)	407.2670	319.9949

582	13.7432	491(4)	427.2433	319.5536
583	13.7632	506(4)	439.0325	319.1145
584	13.7832	500(4)	437.2950	318.6754
585	13.8033	482(4)	422.7552	318.2342
586	13.8233	447(4)	402.5531	317.7951
587	13.8432	405(3)	383.9734	317.3582
588	13.8632	378(3)	371.0470	316.9191
589	13.8830	371(3)	365.0564	316.4844
590	13.9030	363(3)	365.2879	316.0453
591	13.9230	373(3)	371.0918	315.6062
592	13.9431	379(3)	384.1477	315.1649
593	13.9631	389(3)	403.3792	314.7258
594	13.9831	411(3)	433.9872	314.2867
595	14.0031	451(4)	482.6347	313.8477
596	14.0231	521(4)	559.3790	313.4085
597	14.0432	630(4)	677.4213	312.9673
598	14.0631	801(5)	845.5399	312.5304
599	14.0832	1049(5)	1067.9403	312.0891
600	14.1031	1359(6)	1319.7617	311.6522
601	14.1231	1622(7)	1554.6914	311.2131
602	14.1430	1786(7)	1695.9124	310.7762
603	14.1628	1770(7)	1678.3821	310.3415
604	14.1829	1578(7)	1499.1726	309.9002
605	14.2030	1279(6)	1232.3915	309.4590
606	14.2231	966(5)	962.2291	309.0176
607	14.2429	725(4)	742.9486	308.5829
608	14.2630	572(4)	585.0543	308.1417
609	14.2830	486(4)	486.5292	307.7025
610	14.3030	434(3)	429.9170	307.2635
611	14.3230	412(3)	398.4902	306.8244
612	14.3430	383(3)	379.8272	306.3853
613	14.3630	377(3)	367.4847	305.9462
614	14.3829	370(3)	358.0440	305.5093
615	14.4031	375(3)	350.2611	305.0658
616	14.4232	370(3)	344.0842	304.6245
617	14.4432	364(3)	339.3542	304.1855
618	14.4635	349(3)	335.8260	303.7397
619	14.4834	339(3)	333.4219	303.3029
620	14.5034	327(3)	331.8775	302.8638
621	14.5232	327(3)	331.0500	302.4291
622	14.5433	327(3)	330.7528	301.9864
623	14.5632	337(3)	330.5378	301.2784
624	14.5831	338(3)	330.4848	300.5703
625	14.6032	336(3)	330.5355	299.8551
626	14.6232	334(3)	330.8908	299.1435
627	14.6432	331(3)	331.9665	298.4319
628	14.6631	331(3)	334.4900	297.7238
629	14.6832	337(3)	339.5862	297.0086
630	14.7032	351(3)	349.5406	296.2970
631	14.7229	373(3)	370.0638	295.5961
632	14.7429	416(3)	413.2291	294.8844
633	14.7630	500(4)	497.6335	294.1693
634	14.7830	650(4)	644.2190	293.4576
635	14.8030	883(5)	865.9862	292.7460

636	14.8231	1202(6)	1151.3484	292.0308
637	14.8431	1539(7)	1444.0577	291.3192
638	14.8632	1780(7)	1655.5496	290.6040
639	14.8833	1816(7)	1688.4355	289.8888
640	14.9032	1651(7)	1518.9362	289.1808
641	14.9233	1318(6)	1221.7056	288.4656
642	14.9433	970(5)	911.1964	287.7540
643	14.9635	685(4)	658.9678	287.0352
644	14.9835	506(4)	494.1446	286.3236
645	15.0035	418(3)	401.1584	285.6119
646	15.0234	362(3)	354.5695	284.9039
647	15.0435	339(3)	331.9731	284.1887
648	15.0632	322(3)	320.5516	283.2043
649	15.0832	314(3)	313.7643	281.8629
650	15.1033	305(3)	310.3060	280.5147
651	15.1233	310(3)	310.5842	279.1732
652	15.1433	327(3)	315.9343	277.8317
653	15.1633	343(3)	327.2867	276.4902
654	15.1834	361(3)	343.4295	275.1421
655	15.2034	384(3)	359.4879	273.8006
656	15.2232	397(3)	366.3328	272.4725
657	15.2431	396(3)	362.5949	271.1378
658	15.2630	374(3)	346.4174	269.8030
659	15.2830	342(3)	324.3462	268.4615
660	15.3032	314(3)	303.9420	267.1066
661	15.3231	292(3)	289.8124	265.7719
662	15.3431	279(3)	281.7798	264.4304
663	15.3631	279(3)	278.1142	263.0888
664	15.3832	279(3)	277.3051	261.7407
665	15.4032	278(3)	279.4071	260.3992
666	15.4232	287(3)	286.7844	259.0577
667	15.4433	306(3)	304.9657	257.7096
668	15.4632	334(3)	341.7817	256.3748
669	15.4831	394(3)	405.3802	255.0400
670	15.5032	490(4)	498.7617	253.8000
671	15.5232	592(4)	609.2828	252.5938
672	15.5432	713(4)	710.7717	251.3876
673	15.5634	796(5)	769.6677	250.1694
674	15.5832	832(5)	764.2810	248.9753
675	15.6032	814(5)	703.1138	247.7690
676	15.6234	760(5)	612.5155	246.5508
677	15.6432	661(4)	523.1863	245.3566
678	15.6632	544(4)	448.5625	244.1504
679	15.6832	430(3)	395.5242	242.9442
680	15.7032	360(3)	363.1534	241.7380
681	15.7232	310(3)	345.3488	240.5318
682	15.7432	292(3)	333.6539	239.3256
683	15.7631	282(3)	322.0246	238.1255
684	15.7832	269(3)	308.9655	236.9132
685	15.8033	271(3)	295.3934	235.7010
686	15.8232	270(3)	282.0688	234.5008
687	15.8432	259(3)	268.1758	233.2946
688	15.8630	250(3)	257.3902	232.1005
689	15.8830	247(3)	248.7235	230.8943

690	15.9031	243(3)	242.1547	229.6820
691	15.9231	235(3)	237.5955	228.4758
692	15.9432	235(3)	234.3225	227.2636
693	15.9631	231(3)	231.9812	226.0634
694	15.9832	235(3)	230.1544	224.8512
695	16.0032	233(3)	228.6592	223.6450
696	16.0231	233(3)	227.5807	222.6096
697	16.0430	233(3)	227.4791	222.2505
698	16.0630	232(3)	227.9109	221.8895
699	16.0831	232(3)	229.3721	221.5267
700	16.1031	229(3)	232.6209	221.1658
701	16.1230	231(3)	238.5112	220.8066
702	16.1429	240(3)	247.7444	220.4475
703	16.1630	249(3)	260.2054	220.0847
704	16.1832	261(3)	274.0497	219.7202
705	16.2032	276(3)	285.8321	219.3592
706	16.2232	292(3)	292.1337	218.9983
707	16.2432	299(3)	291.0221	218.6373
708	16.2632	298(3)	282.5166	218.2764
709	16.2832	287(3)	269.0899	217.9154
710	16.3032	269(3)	255.0923	217.5545
711	16.3232	256(3)	244.3405	217.1935
712	16.3432	252(3)	239.1913	216.8325
713	16.3631	265(3)	240.8435	216.4734
714	16.3830	279(3)	249.5800	216.1142
715	16.4030	308(3)	264.5267	215.7533
716	16.4231	332(3)	282.6302	215.3905
717	16.4432	336(3)	298.1150	215.0277
718	16.4634	324(3)	303.9202	214.6632
719	16.4831	292(3)	296.8286	214.3076
720	16.5031	263(3)	279.6101	213.9467
721	16.5230	238(3)	259.4995	213.5875
722	16.5431	226(2)	241.8839	213.2248
723	16.5631	226(2)	229.9996	212.8638
724	16.5830	222(2)	223.1417	212.5047
725	16.6030	226(2)	219.7560	212.1437
726	16.6232	223(2)	218.4784	211.7791
727	16.6431	225(2)	218.5278	211.4200
728	16.6634	231(3)	220.2694	211.0536
729	16.6834	238(3)	225.4432	210.6927
730	16.7032	246(3)	236.0060	210.3353
731	16.7231	281(3)	255.5599	209.9762
732	16.7431	326(3)	286.2678	209.6152
733	16.7632	384(3)	325.1862	209.2525
734	16.7831	432(3)	363.4652	208.8933
735	16.8033	461(4)	389.2048	208.5287
736	16.8233	455(4)	391.6864	208.1678
737	16.8433	410(3)	372.5087	207.8069
738	16.8633	360(3)	342.0087	207.4459
739	16.8832	301(3)	309.8747	207.0867
740	16.9032	263(3)	281.0755	206.7258
741	16.9233	240(3)	258.2172	206.3630
742	16.9431	230(3)	242.4701	206.0057
743	16.9634	223(2)	233.3133	205.6393

744	16.9833	223(2)	231.0536	205.2802
745	17.0032	221(2)	234.8170	204.9210
746	17.0232	224(2)	243.5289	205.1755
747	17.0432	224(2)	253.4398	205.4299
748	17.0632	233(3)	260.7457	205.6844
749	17.0831	236(3)	262.8496	205.9376
750	17.1031	242(3)	260.2783	206.1920
751	17.1232	246(3)	255.5006	206.4478
752	17.1434	259(3)	250.1901	206.7048
753	17.1634	252(3)	244.3158	206.9592
754	17.1835	244(3)	237.6532	207.2150
755	17.2035	234(3)	231.0015	207.4694
756	17.2233	228(3)	225.3444	207.7214
757	17.2432	221(2)	221.3598	207.9745
758	17.2633	211(2)	219.6603	208.2315
759	17.2832	217(2)	219.0593	208.7387
760	17.3032	220(2)	219.6569	209.2483
761	17.3232	219(2)	221.5045	209.7579
762	17.3432	225(2)	225.2368	210.2676
763	17.3632	230(3)	232.1316	210.7773
764	17.3831	243(3)	243.7522	211.2844
765	17.4032	270(3)	261.2962	211.7966
766	17.4232	299(3)	283.4043	212.3062
767	17.4434	321(3)	306.4006	212.8210
768	17.4632	349(3)	323.2273	213.3255
769	17.4831	353(3)	329.3961	213.8326
770	17.5032	354(3)	325.1935	214.3448
771	17.5232	341(3)	319.9818	214.8545
772	17.5433	350(3)	324.1308	215.3667
773	17.5634	378(3)	344.7830	215.8789
774	17.5834	439(3)	383.4977	216.3885
775	17.6034	498(4)	436.5576	216.8982
776	17.6234	579(4)	495.4874	217.4078
777	17.6434	645(4)	547.4645	217.9175
778	17.6632	683(4)	575.3728	218.4220
779	17.6832	668(4)	568.2748	218.9317
780	17.7032	621(4)	530.3929	219.4414
781	17.7232	560(4)	485.1606	219.9510
782	17.7432	521(4)	452.1495	220.4606
783	17.7632	507(4)	438.1699	220.9703
784	17.7832	526(4)	437.1604	221.4002
785	17.8032	511(4)	434.6544	221.5110
786	17.8234	493(4)	418.2811	221.6229
787	17.8432	440(3)	388.1134	221.7326
788	17.8631	379(3)	352.3084	221.8428
789	17.8830	327(3)	319.6875	221.9530
790	17.9031	288(3)	295.1659	222.0644
791	17.9230	271(3)	281.1507	222.1746
792	17.9430	266(3)	276.7043	222.2854
793	17.9631	269(3)	280.1727	222.3968
794	17.9832	279(3)	290.2228	222.5081
795	18.0032	306(3)	308.3207	222.6189
796	18.0231	341(3)	342.7031	222.7292
797	18.0430	415(3)	411.1398	222.8394

798	18.0632	545(4)	537.9290	222.9513
799	18.0832	752(5)	730.8521	223.0621
800	18.1032	1019(5)	969.1971	223.1729
801	18.1231	1266(6)	1189.3213	223.2831
802	18.1429	1394(6)	1306.6740	223.3928
803	18.1628	1355(6)	1264.7098	223.5031
804	18.1829	1177(6)	1084.7268	223.6144
805	18.2030	926(5)	853.6215	223.7258
806	18.2230	684(4)	654.7826	223.8366
807	18.2430	540(4)	535.6388	223.6734
808	18.2630	506(4)	516.1116	223.3199
809	18.2830	596(4)	597.8098	222.9664
810	18.3030	783(5)	764.1039	222.6129
811	18.3229	1043(5)	969.0453	222.2611
812	18.3430	1264(6)	1140.0647	221.9059
813	18.3629	1318(6)	1193.3398	221.5541
814	18.3830	1210(6)	1099.7756	221.1988
815	18.4031	992(5)	915.3286	220.8436
816	18.4232	763(5)	741.5380	220.4883
817	18.4434	660(4)	667.0289	220.1312
818	18.4634	731(4)	743.6334	219.7777
819	18.4834	995(5)	980.4263	219.4242
820	18.5033	1389(6)	1337.4930	219.0725
821	18.5234	1804(7)	1725.0016	218.7171
822	18.5432	2120(8)	1990.1700	218.3672
823	18.5633	2143(8)	2004.2241	218.0119
824	18.5831	1878(7)	1743.1422	217.6619
825	18.6031	1429(6)	1324.3076	217.3084
826	18.6232	960(5)	907.0101	216.9531
827	18.6432	610(4)	596.4045	216.5996
828	18.6632	421(3)	409.9238	216.2461
829	18.6832	332(3)	315.8661	215.8926
830	18.7031	296(3)	274.3629	215.5408
831	18.7229	274(3)	256.1017	215.1909
832	18.7430	252(3)	246.6636	214.8356
833	18.7630	240(3)	240.7821	214.4821
834	18.7830	232(3)	236.6658	214.1285
835	18.8031	223(2)	233.3732	213.5598
836	18.8231	219(2)	230.9510	212.9917
837	18.8432	221(2)	229.3330	212.4209
838	18.8632	221(2)	228.6347	211.8528
839	18.8832	220(2)	229.0092	211.2848
840	18.9033	220(2)	230.7411	210.7139
841	18.9233	224(2)	233.0386	210.1459
842	18.9434	228(3)	235.3235	209.5749
843	18.9634	236(3)	236.5052	209.0069
844	18.9834	238(3)	235.8853	208.4389
845	19.0035	244(3)	234.1659	207.8680
846	19.0235	247(3)	233.0148	207.2999
847	19.0435	257(3)	233.6946	206.7319
848	19.0634	256(3)	235.5776	206.1667
849	19.0832	261(3)	238.5230	205.6043
850	19.1032	251(3)	239.8405	205.0363
851	19.1233	238(3)	237.9918	204.4654

852	19.1434	225(2)	233.3430	203.8945
853	19.1633	225(3)	227.8881	203.3293
854	19.1835	224(2)	223.5224	202.7556
855	19.2032	219(2)	221.6365	202.1960
856	19.2232	224(2)	223.2818	201.8110
857	19.2431	233(3)	229.8445	201.4279
858	19.2630	251(3)	244.0241	201.0449
859	19.2831	290(3)	271.6944	200.6579
860	19.3031	342(3)	316.7203	200.2729
861	19.3231	425(3)	382.0468	199.8879
862	19.3431	526(4)	467.8405	199.5030
863	19.3631	642(4)	571.9104	199.1180
864	19.3831	770(5)	690.4460	198.7329
865	19.4033	897(5)	817.9812	198.3441
866	19.4232	1002(5)	930.9821	197.9610
867	19.4432	1067(5)	992.5275	197.5760
868	19.4631	1035(5)	967.3281	197.1929
869	19.4832	919(5)	868.5976	196.8060
870	19.5032	786(5)	748.5781	196.4210
871	19.5233	663(4)	649.8803	196.0341
872	19.5431	583(4)	581.9437	195.6529
873	19.5633	529(4)	522.8690	195.2641
874	19.5834	469(4)	457.3093	194.8772
875	19.6032	408(3)	389.2985	194.4960
876	19.6234	336(3)	330.1395	194.1072
877	19.6432	296(3)	292.0382	193.7260
878	19.6632	273(3)	275.8452	193.3410
879	19.6832	279(3)	280.5780	192.9560
880	19.7032	309(3)	307.7599	192.5710
881	19.7234	365(3)	365.7951	192.1822
882	19.7431	460(4)	460.3386	191.8029
883	19.7632	599(4)	592.8509	191.4160
884	19.7832	748(5)	736.7100	191.2617
885	19.8033	846(5)	845.7316	191.1646
886	19.8234	858(5)	867.7804	191.0675
887	19.8431	788(5)	790.2042	190.9723
888	19.8631	645(4)	648.4730	190.8757
889	19.8831	486(4)	498.6646	190.7791
890	19.9031	371(3)	379.5355	190.6825
891	19.9231	295(3)	303.4603	190.5858
892	19.9432	260(3)	263.5430	190.4887
893	19.9632	246(3)	246.4530	190.3921
894	19.9832	240(3)	240.5021	190.2955
895	20.0032	249(3)	239.8299	190.1989
896	20.0231	247(3)	242.8288	190.1028
897	20.0430	259(3)	248.2653	190.0066
898	20.0631	265(3)	253.4890	189.9095
899	20.0831	262(3)	254.1937	189.8129
900	20.1030	256(3)	248.3013	189.7168
901	20.1230	248(3)	237.0972	189.6201
902	20.1430	232(3)	224.5011	189.5235
903	20.1631	221(2)	214.3015	189.4264
904	20.1831	222(2)	207.7988	189.3298
905	20.2032	220(2)	204.3700	189.2327

906	20.2232	217(2)	202.6127	189.1361
907	20.2432	209(2)	201.4081	189.0394
908	20.2632	201(2)	201.2177	188.9428
909	20.2833	199(2)	202.8411	188.8457
910	20.3031	193(2)	206.9138	188.7501
911	20.3232	202(2)	213.8670	188.6530
912	20.3432	207(2)	222.0827	188.5563
913	20.3631	215(2)	228.5332	188.4602
914	20.3830	216(2)	229.6796	188.3641
915	20.4030	213(2)	225.2916	188.2675
916	20.4231	202(2)	217.1154	188.1703
917	20.4433	192(2)	208.6979	188.0728
918	20.4633	187(2)	202.8213	187.9761
919	20.4832	185(2)	200.0680	187.8800
920	20.5031	187(2)	200.2087	187.6604
921	20.5231	190(2)	202.4551	187.4396
922	20.5431	201(2)	205.9233	187.2189
923	20.5631	206(2)	209.6377	186.9981
924	20.5830	216(2)	212.3110	186.7785
925	20.6030	215(2)	212.7659	186.5577
926	20.6231	210(2)	210.8506	186.3359
927	20.6433	202(2)	207.6487	186.1129
928	20.6634	201(2)	204.5641	185.8911
929	20.6834	192(2)	202.5513	185.6703
930	20.7033	197(2)	202.2603	185.4507
931	20.7231	196(2)	204.1223	185.2321
932	20.7432	215(2)	209.2026	185.0103
933	20.7632	222(2)	218.4713	184.7895
934	20.7832	259(3)	234.7373	184.5688
935	20.8033	294(3)	259.3812	184.3469
936	20.8233	333(3)	292.7904	184.1262
937	20.8434	381(3)	333.4091	183.9043
938	20.8634	420(3)	376.8307	183.6836
939	20.8832	463(4)	419.9022	183.4651
940	20.9033	519(4)	466.1421	183.2432
941	20.9233	567(4)	524.0717	183.0225
942	20.9432	662(4)	608.7821	182.8028
943	20.9634	781(5)	732.5444	182.5799
944	20.9833	921(5)	880.8265	182.3602
945	21.0033	1050(5)	1015.6747	182.1395
946	21.0232	1108(6)	1078.4796	181.9198
947	21.0433	1080(5)	1038.8242	181.6980
948	21.0632	975(5)	929.0616	181.4783
949	21.0832	876(5)	806.6591	181.2576
950	21.1031	783(5)	707.5396	181.0379
951	21.1233	720(4)	629.8395	180.8150
952	21.1433	672(4)	561.3394	180.3065
953	21.1634	609(4)	498.9090	179.7651
954	21.1835	550(4)	450.2773	179.2238
955	21.2035	501(4)	420.4984	178.6851
956	21.2232	476(4)	409.0410	178.1545
957	21.2433	463(4)	412.9471	177.6131
958	21.2633	453(4)	427.2208	177.0745
959	21.2832	455(4)	440.7745	176.5385

960	21.3032	444(4)	438.3592	175.9998
961	21.3231	418(3)	411.4150	175.4638
962	21.3432	366(3)	366.0202	174.9225
963	21.3632	310(3)	316.7662	174.3838
964	21.3831	266(3)	273.7851	173.8478
965	21.4032	230(3)	240.8947	173.3065
966	21.4234	206(2)	218.5448	172.7624
967	21.4432	196(2)	205.1190	172.2291
968	21.4632	191(2)	197.9297	171.6905
969	21.4832	192(2)	195.8173	171.1518
970	21.5032	194(2)	198.6150	170.6131
971	21.5232	195(2)	206.9948	170.0744
972	21.5433	206(2)	221.5273	169.5331
973	21.5634	222(2)	241.1412	168.9917
974	21.5834	242(3)	261.2576	168.4530
975	21.6034	256(3)	275.4642	167.9144
976	21.6234	265(3)	277.8701	167.3757
977	21.6434	260(3)	268.0072	166.8370
978	21.6632	250(3)	250.7847	166.3037
979	21.6832	239(3)	230.9729	165.7651
980	21.7031	227(3)	212.8504	165.2291
981	21.7232	211(2)	198.7070	164.6877
982	21.7432	203(2)	189.3290	164.1491
983	21.7632	186(2)	183.6474	163.6104
984	21.7832	176(2)	180.0103	163.0717
985	21.8032	174(2)	177.2395	162.5331
986	21.8233	168(2)	174.9030	161.9917
987	21.8432	169(2)	173.5580	161.4557
988	21.8632	166(2)	173.5496	160.9170
989	21.8830	173(2)	175.3419	160.5362
990	21.9030	172(2)	178.5352	160.1515
991	21.9230	179(2)	182.2967	159.7668
992	21.9430	176(2)	185.0018	159.3821
993	21.9631	173(2)	184.8819	158.9955
994	21.9832	177(2)	182.0037	158.6089
995	22.0032	173(2)	178.5954	158.2242
996	22.0231	175(2)	176.7819	157.8414
997	22.0431	176(2)	179.1994	157.4567
998	22.0631	183(2)	186.6531	157.0721
999	22.0832	188(2)	200.1772	156.6854
1000	22.1032	188(2)	217.2918	156.3008
1001	22.1231	197(2)	232.9926	155.9180
1002	22.1429	195(2)	241.1594	155.5372
1003	22.1627	188(2)	238.1261	155.1563
1004	22.1829	183(2)	226.2208	154.7677
1005	22.2030	187(2)	214.7074	155.0822
1006	22.2230	187(2)	210.3294	155.4057
1007	22.2430	202(2)	217.4695	155.7291
1008	22.2630	219(2)	234.5543	156.0526
1009	22.2831	233(3)	255.0870	156.3776
1010	22.3029	247(3)	269.3251	156.6978
1011	22.3230	247(3)	269.9368	157.0229
1012	22.3430	242(3)	257.4357	157.3464
1013	22.3630	230(3)	241.3238	157.6698

1014	22.3830	234(3)	233.0984	157.9933
1015	22.4031	244(3)	240.9315	158.3183
1016	22.4232	291(3)	268.9099	158.6434
1017	22.4434	339(3)	312.8414	158.9701
1018	22.4634	395(3)	359.4530	159.2935
1019	22.4834	431(3)	390.6319	159.6170
1020	22.5034	422(3)	390.8353	159.9404
1021	22.5232	381(3)	360.9622	160.2607
1022	22.5434	327(3)	314.6348	160.5873
1023	22.5632	275(3)	268.9651	160.9075
1024	22.5831	242(3)	232.3145	161.2294
1025	22.6031	211(2)	207.7969	161.5528
1026	22.6232	202(2)	194.2339	161.8779
1027	22.6432	206(2)	189.2099	162.2014
1028	22.6631	206(2)	190.5940	162.5232
1029	22.6831	215(2)	196.9843	162.8466
1030	22.7031	226(3)	206.5358	163.1701
1031	22.7230	239(3)	216.1698	163.4919
1032	22.7430	247(3)	221.9414	163.8154
1033	22.7630	246(3)	221.0588	164.1388
1034	22.7830	238(3)	214.8207	164.4623
1035	22.8031	224(3)	207.7541	164.7874
1036	22.8231	212(2)	205.0005	165.1108
1037	22.8432	215(2)	210.8888	165.3758
1038	22.8632	227(3)	229.1471	165.4592
1039	22.8832	268(3)	263.6122	165.5425
1040	22.9032	319(3)	316.5851	165.6258
1041	22.9234	399(3)	387.0660	165.7100
1042	22.9434	489(4)	464.8774	165.7933
1043	22.9634	572(4)	532.7787	165.8766
1044	22.9835	599(4)	567.0737	165.9604
1045	23.0035	597(4)	554.9648	166.0437
1046	23.0235	551(4)	513.7002	166.1270
1047	23.0434	506(4)	477.1162	166.2099
1048	23.0634	500(4)	472.2899	166.2933
1049	23.0831	553(4)	509.0324	166.3753
1050	23.1033	630(4)	578.3889	166.4595
1051	23.1232	712(4)	646.4593	166.5424
1052	23.1433	723(4)	673.2139	166.6261
1053	23.1634	676(4)	634.3877	166.7099
1054	23.1834	576(4)	546.8693	166.7932
1055	23.2033	456(4)	446.3269	166.8761
1056	23.2232	352(3)	359.2093	166.9590
1057	23.2431	279(3)	297.5607	167.0419
1058	23.2630	240(3)	260.1755	167.1248
1059	23.2831	219(2)	239.2672	167.2086
1060	23.3030	209(2)	228.6863	167.2915
1061	23.3231	204(2)	225.4001	167.3752
1062	23.3431	203(2)	229.7508	167.4586
1063	23.3632	211(2)	242.2616	167.3895
1064	23.3831	220(2)	261.9595	167.2552
1065	23.4034	238(3)	286.1956	167.1182
1066	23.4232	259(3)	307.7489	166.9846
1067	23.4432	278(3)	320.5782	166.8496

1068	23.4632	289(3)	322.2398	166.7146
1069	23.4832	295(3)	312.9416	166.5796
1070	23.5032	293(3)	293.6494	166.4446
1071	23.5232	269(3)	266.7277	166.3096
1072	23.5432	239(3)	238.0306	166.1747
1073	23.5632	225(3)	213.4008	166.0397
1074	23.5834	203(2)	195.5750	165.9033
1075	23.6032	194(2)	184.8630	165.7697
1076	23.6234	193(2)	178.9610	165.6334
1077	23.6433	196(2)	176.1353	165.4991
1078	23.6631	188(2)	174.9465	165.3654
1079	23.6832	182(2)	174.6853	165.2298
1080	23.7032	176(2)	175.2214	165.0948
1081	23.7233	169(2)	176.2031	164.9591
1082	23.7432	168(2)	177.4445	164.8248
1083	23.7632	169(2)	178.5936	164.6898
1084	23.7832	171(2)	179.3031	164.5548
1085	23.8033	169(2)	179.4406	164.4192
1086	23.8233	171(2)	178.9956	164.2842
1087	23.8432	168(2)	177.8970	164.1499
1088	23.8630	167(2)	176.2829	164.0163
1089	23.8831	167(2)	174.6382	163.8806
1090	23.9031	169(2)	173.0451	163.7456
1091	23.9231	164(2)	171.7543	163.6106
1092	23.9431	166(2)	170.7751	163.4756
1093	23.9632	163(2)	169.7728	163.3400
1094	23.9832	164(2)	169.4675	163.2248
1095	24.0031	170(2)	169.4689	163.1102
1096	24.0231	175(2)	169.7483	162.9950
1097	24.0430	181(2)	170.3389	162.8804
1098	24.0630	189(2)	171.4997	162.7652
1099	24.0831	196(2)	173.6559	162.6494
1100	24.1031	199(2)	177.5436	162.5342
1101	24.1230	205(2)	183.6749	162.4196
1102	24.1429	208(2)	193.7347	162.3050
1103	24.1630	212(2)	207.4777	162.1893
1104	24.1832	218(2)	223.4563	162.0729
1105	24.2032	230(3)	238.0954	161.9577
1106	24.2232	234(3)	246.8223	161.8425
1107	24.2433	237(3)	246.7233	161.7268
1108	24.2632	224(3)	240.1915	161.6122
1109	24.2832	216(2)	232.5208	161.4970
1110	24.3032	210(2)	227.9231	161.3818
1111	24.3232	207(2)	228.6865	161.2666
1112	24.3432	216(2)	236.4408	161.1514
1113	24.3631	236(3)	252.7650	161.0368
1114	24.3830	261(3)	277.5921	160.9222
1115	24.4031	278(3)	307.1021	160.8064
1116	24.4231	297(3)	330.8099	160.6912
1117	24.4432	306(3)	336.9999	160.5755
1118	24.4634	280(3)	319.8668	160.4591
1119	24.4831	259(3)	287.9676	160.3457
1120	24.5031	227(3)	252.6893	160.1849
1121	24.5231	203(2)	224.8836	159.9931

1122	24.5431	188(2)	209.5919	159.8013
1123	24.5631	195(2)	207.6240	159.6096
1124	24.5830	201(2)	216.6281	159.4187
1125	24.6030	211(2)	232.0651	159.2270
1126	24.6232	220(2)	247.1741	159.0332
1127	24.6432	223(2)	253.8806	158.8415
1128	24.6634	221(2)	247.9821	158.6478
1129	24.6834	213(2)	232.6000	158.4560
1130	24.7033	200(2)	214.3922	158.2652
1131	24.7232	193(2)	198.3997	158.0744
1132	24.7432	184(2)	186.9745	157.8826
1133	24.7632	181(2)	180.3567	157.6908
1134	24.7832	181(2)	177.4417	157.4990
1135	24.8033	178(2)	176.9981	157.3063
1136	24.8234	175(2)	178.4940	157.1136
1137	24.8433	179(2)	182.3391	156.9227
1138	24.8634	193(2)	189.5531	156.7300
1139	24.8832	216(2)	200.5095	156.5401
1140	24.9033	244(3)	215.0237	156.3474
1141	24.9233	280(3)	230.8103	156.1556
1142	24.9432	299(3)	244.3699	155.9648
1143	24.9633	308(3)	251.3618	155.7721
1144	24.9833	294(3)	248.0276	155.5803
1145	25.0033	276(3)	235.3433	155.3885
1146	25.0232	237(3)	218.3619	155.1977
1147	25.0432	214(2)	201.6716	155.0059
1148	25.0632	190(2)	188.0259	154.8141
1149	25.0831	173(2)	178.3006	154.6233
1150	25.1032	167(2)	172.0499	154.4306
1151	25.1232	166(2)	168.5482	154.2388
1152	25.1434	166(2)	166.9382	154.0451
1153	25.1634	160(2)	166.8274	153.8582
1154	25.1835	164(2)	168.4005	153.6962
1155	25.2035	172(2)	172.5851	153.5350
1156	25.2232	181(2)	181.0416	153.3762
1157	25.2432	195(2)	196.4630	153.2150
1158	25.2633	226(3)	220.9340	153.0530
1159	25.2832	264(3)	253.8608	152.8925
1160	25.3032	300(3)	291.9294	152.7313
1161	25.3232	339(3)	326.6913	152.5701
1162	25.3431	359(3)	348.4517	152.4097
1163	25.3632	360(3)	352.8211	152.2477
1164	25.3832	355(3)	343.4355	152.0865
1165	25.4032	346(3)	328.6431	151.9253
1166	25.4232	345(3)	318.3234	151.7641
1167	25.4433	341(3)	319.8735	151.6021
1168	25.4632	344(3)	334.3831	151.4417
1169	25.4831	354(3)	354.5918	151.2812
1170	25.5032	344(3)	367.9284	151.1192
1171	25.5233	339(3)	362.5624	150.9572
1172	25.5434	311(3)	336.5208	150.7952
1173	25.5634	279(3)	298.5303	150.6340
1174	25.5834	240(3)	259.9713	150.4728
1175	25.6034	213(2)	228.3140	150.3116

1176	25.6234	194(2)	205.7659	150.1504
1177	25.6434	184(2)	190.8074	149.9891
1178	25.6632	180(2)	181.2464	149.8295
1179	25.6832	174(2)	174.9590	149.6683
1180	25.7031	173(2)	170.6182	149.5079
1181	25.7232	175(2)	167.1922	149.3459
1182	25.7432	167(2)	164.1217	149.1847
1183	25.7632	167(2)	161.1973	149.0235
1184	25.7832	158(2)	158.6364	148.8623
1185	25.8032	156(2)	156.6099	148.7011
1186	25.8233	155(2)	155.2848	148.5390
1187	25.8432	153(2)	154.6932	148.3786
1188	25.8631	152(2)	154.7225	148.2182
1189	25.8830	149(2)	155.1899	148.0578
1190	25.9031	146(2)	155.8034	147.8958
1191	25.9230	147(2)	156.0997	147.6990
1192	25.9430	146(2)	155.7319	147.5010
1193	25.9632	145(2)	154.6821	147.3010
1194	25.9831	146(2)	153.3358	147.1040
1195	26.0032	145(2)	152.0600	146.9050
1196	26.0231	143(2)	151.1396	146.7080
1197	26.0430	147(2)	150.8969	146.7275
1198	26.0632	145(2)	151.1374	146.7484
1199	26.0832	148(2)	151.6523	146.7691
1200	26.1031	146(2)	152.5561	146.7897
1201	26.1231	149(2)	153.4758	146.8104
1202	26.1429	153(2)	154.1583	146.8309
1203	26.1627	152(2)	154.6373	146.8514
1204	26.1830	153(2)	155.4117	146.8724
1205	26.2030	154(2)	156.8497	146.8931
1206	26.2230	158(2)	159.8300	146.9138
1207	26.2430	170(2)	164.9561	146.9345
1208	26.2630	178(2)	172.5612	146.9552
1209	26.2831	187(2)	182.4357	146.9760
1210	26.3029	194(2)	193.1826	146.9965
1211	26.3230	201(2)	203.7295	147.0173
1212	26.3430	205(2)	211.5897	147.0380
1213	26.3630	217(2)	214.0600	147.0587
1214	26.3830	218(2)	209.8713	147.0794
1215	26.4031	218(2)	201.2990	147.1003
1216	26.4232	222(3)	191.9169	147.1210
1217	26.4434	225(3)	183.4977	147.1420
1218	26.4634	220(2)	176.4899	147.1627
1219	26.4834	205(2)	170.6105	147.1834
1220	26.5034	191(2)	166.0033	147.2041
1221	26.5232	178(2)	162.7378	147.2246
1222	26.5434	166(2)	160.7614	147.2455
1223	26.5632	159(2)	159.9330	147.2660
1224	26.5831	160(2)	159.6988	147.2866
1225	26.6031	160(2)	159.4648	147.3073
1226	26.6232	167(2)	159.5601	147.3281
1227	26.6432	176(2)	160.7153	147.3488
1228	26.6632	178(2)	163.6465	147.3695
1229	26.6831	187(2)	168.6495	147.3901

1230	26.7031	195(2)	175.3294	147.4108
1231	26.7230	194(2)	182.1611	147.4314
1232	26.7430	195(2)	186.7277	147.4521
1233	26.7629	189(2)	186.6670	147.4727
1234	26.7830	175(2)	182.1276	147.4935
1235	26.8030	171(2)	175.5178	147.5142
1236	26.8231	165(2)	169.4671	147.5350
1237	26.8432	156(2)	165.5039	147.5558
1238	26.8632	159(2)	163.7176	147.5765
1239	26.8832	155(2)	163.1490	147.5892
1240	26.9032	147(2)	162.5876	147.5830
1241	26.9234	153(2)	161.4936	147.5767
1242	26.9434	154(2)	160.1832	147.5706
1243	26.9634	156(2)	159.4102	147.5644
1244	26.9834	157(2)	159.9129	147.5582
1245	27.0035	160(2)	162.4564	147.5520
1246	27.0234	167(2)	168.0270	147.5458
1247	27.0435	171(2)	177.2402	147.5396
1248	27.0634	183(2)	190.9252	147.5335
1249	27.0832	192(2)	209.4956	147.5274
1250	27.1032	216(2)	231.9904	147.5212
1251	27.1233	245(3)	256.2156	147.5150
1252	27.1434	265(3)	279.5743	147.5088
1253	27.1633	295(3)	299.1156	147.5026
1254	27.1834	314(3)	309.1869	147.4964
1255	27.2033	301(3)	304.0327	147.4902
1256	27.2232	281(3)	285.3680	147.4841
1257	27.2431	266(3)	261.4095	147.4780
1258	27.2630	244(3)	239.5935	147.4718
1259	27.2830	231(3)	223.2432	147.4656
1260	27.3031	225(3)	211.5508	147.4594
1261	27.3231	208(2)	202.3109	147.4532
1262	27.3431	204(2)	194.3553	147.4471
1263	27.3631	197(2)	189.4370	147.4409
1264	27.3832	188(2)	189.6425	147.4347
1265	27.4032	193(2)	196.6556	147.4285
1266	27.4233	209(2)	211.1638	147.4223
1267	27.4431	222(3)	232.0800	147.4162
1268	27.4633	250(3)	257.6917	147.4099
1269	27.4832	272(3)	283.0931	147.4038
1270	27.5033	299(3)	304.7139	147.3976
1271	27.5231	310(3)	317.2409	147.3914
1272	27.5432	306(3)	315.0456	147.3852
1273	27.5632	290(3)	297.5112	147.3791
1274	27.5834	270(3)	274.0992	147.3728
1275	27.6033	257(3)	258.5881	147.3667
1276	27.6233	261(3)	258.8849	147.3605
1277	27.6432	284(3)	274.7238	147.3543
1278	27.6632	310(3)	297.0157	147.3482
1279	27.6831	327(3)	310.6407	147.3333
1280	27.7032	320(3)	304.0150	147.3134
1281	27.7233	288(3)	278.0007	147.2936
1282	27.7432	247(3)	245.0623	147.2740
1283	27.7631	218(2)	216.7593	147.2544

1284	27.7833	197(2)	199.2696	147.2345
1285	27.8033	190(2)	194.2053	147.2147
1286	27.8233	191(2)	199.3693	147.1950
1287	27.8431	198(2)	211.4826	147.1755
1288	27.8631	212(2)	226.9503	147.1557
1289	27.8831	223(3)	241.4124	147.1360
1290	27.9031	233(3)	251.3689	147.1163
1291	27.9231	242(3)	256.3914	147.0966
1292	27.9431	248(3)	261.1741	147.0769
1293	27.9632	261(3)	273.9475	147.0570
1294	27.9832	294(3)	300.4794	147.0373
1295	28.0032	329(3)	341.0019	147.0176
1296	28.0230	370(3)	388.5966	146.9981
1297	28.0430	417(3)	434.1910	146.9783
1298	28.0631	459(4)	471.5885	146.9585
1299	28.0831	486(4)	501.3711	146.9388
1300	28.1030	519(4)	523.0486	146.9192
1301	28.1230	525(4)	533.4431	146.8994
1302	28.1430	522(4)	529.0889	146.8797
1303	28.1631	520(4)	508.0246	146.8599
1304	28.1831	479(4)	476.3411	146.8402
1305	28.2032	461(4)	448.8724	146.8203
1306	28.2232	447(4)	439.6628	146.8006
1307	28.2433	458(4)	448.6632	146.7808
1308	28.2632	463(4)	459.5255	146.7612
1309	28.2832	447(4)	451.0352	146.7414
1310	28.3032	415(3)	414.7390	146.7217
1311	28.3232	369(3)	359.7726	146.7020
1312	28.3432	305(3)	301.2292	146.6823
1313	28.3631	258(3)	251.9502	146.6626
1314	28.3830	224(3)	217.8120	146.6430
1315	28.4031	208(2)	198.8436	146.6732
1316	28.4231	204(2)	192.3066	146.7983
1317	28.4433	203(2)	194.2397	146.9246
1318	28.4633	212(2)	202.0797	147.0497
1319	28.4832	217(2)	215.3487	147.1742
1320	28.5031	224(3)	236.2926	147.2987
1321	28.5231	242(3)	268.2652	147.4238
1322	28.5431	275(3)	311.3408	147.5489
1323	28.5631	325(3)	360.6242	147.6740
1324	28.5831	357(3)	404.9738	147.7991
1325	28.6030	384(3)	427.8931	147.9236
1326	28.6232	377(3)	415.4688	148.0499
1327	28.6432	346(3)	371.1136	148.1750
1328	28.6634	292(3)	312.8561	148.3014
1329	28.6834	249(3)	260.7055	148.4265
1330	28.7033	217(2)	225.1709	148.5510
1331	28.7232	206(2)	209.3594	148.6754
1332	28.7432	209(2)	212.2251	148.8006
1333	28.7631	222(3)	230.1428	148.9250
1334	28.7832	240(3)	257.1294	149.0508
1335	28.8034	260(3)	283.1296	149.1771
1336	28.8234	274(3)	295.4699	149.3022
1337	28.8434	260(3)	286.8501	149.4273

1338	28.8634	244(3)	261.6699	149.5524
1339	28.8832	222(2)	232.2055	149.6763
1340	28.9033	199(2)	207.7325	149.8020
1341	28.9233	187(2)	192.8162	149.9271
1342	28.9433	185(2)	185.5821	150.0522
1343	28.9633	180(2)	182.0238	150.1773
1344	28.9834	173(2)	179.1542	150.3030
1345	29.0033	170(2)	176.3534	150.4275
1346	29.0232	168(2)	174.3564	150.5520
1347	29.0433	169(2)	173.8037	150.6777
1348	29.0632	165(2)	175.3002	150.8022
1349	29.0832	163(2)	178.5892	151.0491
1350	29.1031	171(2)	184.0748	151.3599
1351	29.1234	180(2)	190.8989	151.6770
1352	29.1434	198(2)	199.8595	151.9894
1353	29.1634	217(2)	212.1499	152.3018
1354	29.1835	240(3)	227.2011	152.6158
1355	29.2035	256(3)	240.9466	152.9282
1356	29.2233	267(3)	248.6355	153.2374
1357	29.2432	264(3)	246.2791	153.5483
1358	29.2632	251(3)	235.6697	153.8607
1359	29.2833	229(3)	221.7802	154.1746
1360	29.3032	208(2)	209.8152	154.4855
1361	29.3233	200(2)	203.5966	154.7995
1362	29.3431	193(2)	206.2218	155.1087
1363	29.3633	204(2)	219.5044	155.4242
1364	29.3831	219(2)	240.3617	155.7335
1365	29.4032	236(3)	263.7368	156.0475
1366	29.4234	255(3)	279.7591	156.3630
1367	29.4432	258(3)	279.9950	156.6723
1368	29.4633	254(3)	264.5834	156.9863
1369	29.4831	238(3)	241.3241	157.2955
1370	29.5032	215(2)	217.6324	157.6095
1371	29.5232	196(2)	198.8013	157.9219
1372	29.5434	185(2)	185.7581	158.2374
1373	29.5634	177(2)	178.1374	158.5498
1374	29.5834	173(2)	174.1273	158.8622
1375	29.6034	170(2)	172.4533	159.1746
1376	29.6233	167(2)	172.0636	159.4855
1377	29.6434	166(2)	172.1773	159.7994
1378	29.6633	163(2)	172.3303	160.1103
1379	29.6832	160(2)	172.3255	160.4137
1380	29.7031	165(2)	172.4355	160.6953
1381	29.7232	164(2)	172.7059	160.9796
1382	29.7432	166(2)	173.2043	161.2625
1383	29.7632	173(2)	173.9244	161.5454
1384	29.7832	179(2)	175.3604	161.8284
1385	29.8033	189(2)	178.0147	162.1127
1386	29.8233	197(2)	182.8549	162.3956
1387	29.8432	215(2)	191.2169	162.6772
1388	29.8631	237(3)	204.4603	162.9586
1389	29.8830	260(3)	223.1083	163.2402
1390	29.9031	281(3)	246.6262	163.5245
1391	29.9230	304(3)	272.9207	163.8060

1392	29.9430	327(3)	300.4047	164.0889
1393	29.9631	348(3)	331.0599	164.3733
1394	29.9831	370(3)	368.3139	164.6562
1395	30.0032	408(3)	412.8611	164.9406
1396	30.0231	443(4)	458.2732	165.2220
1397	30.0431	486(4)	496.7599	165.5050
1398	30.0632	526(4)	527.4348	165.7893
1399	30.0832	571(4)	555.9554	166.0723
1400	30.1032	596(4)	587.3027	166.3552
1401	30.1231	623(4)	617.0775	166.6367
1402	30.1429	641(4)	632.5034	166.9168
1403	30.1628	627(4)	623.1317	167.1983
1404	30.1829	596(4)	588.0810	167.4826
1405	30.2030	536(4)	533.8734	167.7670
1406	30.2230	479(4)	475.1251	168.0294
1407	30.2429	431(3)	431.2354	168.2261
1408	30.2630	420(3)	416.4274	168.4247
1409	30.2831	440(4)	434.8944	168.6233
1410	30.3030	491(4)	475.1080	168.8199
1411	30.3230	528(4)	513.9711	169.0176
1412	30.3430	534(4)	522.7087	169.2152
1413	30.3630	489(4)	487.8101	169.4128
1414	30.3830	423(3)	423.0022	169.6105
1415	30.4031	341(3)	351.6823	169.8091
1416	30.4232	275(3)	291.5456	170.0077
1417	30.4434	230(3)	249.3657	170.2073
1418	30.4634	205(2)	224.2841	170.4049
1419	30.4834	196(2)	211.1484	170.6026
1420	30.5034	192(2)	205.3702	170.8002
1421	30.5232	180(2)	203.7866	170.9958
1422	30.5433	187(2)	204.3618	171.1945
1423	30.5633	185(2)	205.6762	171.3921
1424	30.5831	184(2)	206.5213	171.5878
1425	30.6031	187(2)	206.3964	171.7854
1426	30.6232	188(2)	205.6628	171.9840
1427	30.6432	186(2)	205.3010	172.1816
1428	30.6632	184(2)	206.5189	172.3793
1429	30.6831	192(2)	210.3092	172.5759
1430	30.7031	200(2)	217.3544	172.7735
1431	30.7229	211(2)	226.1882	172.9692
1432	30.7430	224(3)	236.7216	173.1678
1433	30.7630	244(3)	248.3624	173.3405
1434	30.7829	261(3)	262.2856	173.4337
1435	30.8030	286(3)	284.1874	173.5279
1436	30.8232	331(3)	325.2453	173.6225
1437	30.8431	411(3)	397.6942	173.7158
1438	30.8632	525(4)	510.2067	173.8100
1439	30.8832	671(4)	649.6777	173.9037
1440	30.9032	803(5)	780.6330	173.9974
1441	30.9234	862(5)	854.0695	174.0920
1442	30.9434	833(5)	838.9589	174.1857
1443	30.9634	750(5)	749.9302	174.2794
1444	30.9835	619(4)	623.0242	174.3736
1445	31.0034	491(4)	498.5765	174.4669

1446	31.0235	402(3)	397.9669	174.5610
1447	31.0434	327(3)	327.1906	174.6543
1448	31.0634	284(3)	279.3032	174.7480
1449	31.0832	251(3)	248.7185	174.8408
1450	31.1032	233(3)	230.8001	174.9345
1451	31.1232	235(3)	223.9012	175.0282
1452	31.1434	232(3)	227.0453	175.1228
1453	31.1634	240(3)	239.3305	175.2165
1454	31.1833	262(3)	257.9338	175.3098
1455	31.2032	277(3)	277.3105	175.4030
1456	31.2232	286(3)	290.2066	175.4967
1457	31.2432	288(3)	289.9389	175.5904
1458	31.2630	276(3)	277.3360	175.6832
1459	31.2830	266(3)	259.5583	175.7769
1460	31.3030	258(3)	244.5000	175.8706
1461	31.3231	248(3)	236.6260	175.9648
1462	31.3431	251(3)	235.9654	176.0585
1463	31.3632	262(3)	240.2400	176.1527
1464	31.3831	267(3)	244.7795	176.2459
1465	31.4034	275(3)	247.1464	176.3410
1466	31.4231	283(3)	248.2752	176.3505
1467	31.4432	282(3)	252.7322	176.2036
1468	31.4631	288(3)	269.1787	176.0580
1469	31.4832	329(3)	311.7771	175.9111
1470	31.5032	415(3)	396.3193	175.7648
1471	31.5232	554(4)	532.4395	175.6185
1472	31.5431	728(5)	706.8447	175.4730
1473	31.5632	889(5)	877.3445	175.3260
1474	31.5834	971(5)	973.1484	175.1783
1475	31.6033	928(5)	941.7037	175.0328
1476	31.6232	799(5)	799.6876	174.8873
1477	31.6432	610(4)	612.1875	174.7410
1478	31.6632	440(4)	443.9951	174.5948
1479	31.6832	329(3)	327.3640	174.4485
1480	31.7032	265(3)	262.6846	174.3023
1481	31.7232	253(3)	234.4758	174.1560
1482	31.7432	240(3)	226.0783	174.0098
1483	31.7631	242(3)	227.3068	173.8643
1484	31.7832	249(3)	233.5780	173.7173
1485	31.8034	253(3)	243.9038	173.5696
1486	31.8233	273(3)	259.4330	173.4240
1487	31.8431	294(3)	282.8952	173.2793
1488	31.8631	330(3)	318.1882	173.1330
1489	31.8831	392(3)	366.3268	172.9868
1490	31.9031	457(4)	423.5583	172.8405
1491	31.9231	519(4)	477.6886	172.6942
1492	31.9431	541(4)	510.1569	172.5480
1493	31.9632	543(4)	509.6259	172.4010
1494	31.9832	511(4)	481.7293	172.2548
1495	32.0031	459(4)	437.9824	172.1092
1496	32.0231	397(3)	385.8838	171.9630
1497	32.0430	345(3)	333.9846	171.8175
1498	32.0631	300(3)	290.0585	171.6705
1499	32.0830	263(3)	258.6567	171.5250

1500	32.1031	244(3)	239.3922	171.3214
1501	32.1230	229(3)	231.1021	171.0813
1502	32.1429	225(3)	231.1036	170.8411
1503	32.1631	233(3)	236.8744	170.5973
1504	32.1831	237(3)	245.3153	170.3560
1505	32.2032	247(3)	252.5088	170.1134
1506	32.2232	250(3)	256.1027	169.8721
1507	32.2434	250(3)	254.2668	169.6283
1508	32.2631	246(3)	246.4905	169.3906
1509	32.2832	243(3)	234.4087	169.1480
1510	32.3032	226(3)	222.0933	168.9066
1511	32.3232	214(2)	212.8297	168.6653
1512	32.3432	202(2)	208.5370	168.4239
1513	32.3631	202(2)	209.5807	168.1838
1514	32.3830	201(2)	214.6606	167.9436
1515	32.4031	199(2)	220.9171	167.7011
1516	32.4231	207(2)	224.8253	167.4597
1517	32.4433	205(2)	224.1622	167.2159
1518	32.4633	204(2)	219.1562	166.9746
1519	32.4831	205(2)	211.9769	166.7356
1520	32.5031	202(2)	204.2502	166.4943
1521	32.5231	202(2)	198.1522	166.2529
1522	32.5431	210(2)	193.9346	166.0116
1523	32.5631	201(2)	192.2323	165.7702
1524	32.5830	210(2)	193.6182	165.5301
1525	32.6031	216(2)	199.4495	165.2875
1526	32.6232	233(3)	212.0201	165.0450
1527	32.6432	256(3)	234.4743	164.8036
1528	32.6634	304(3)	270.4355	164.5598
1529	32.6834	362(3)	319.8181	164.3357
1530	32.7033	423(3)	377.3738	164.2513
1531	32.7232	485(4)	429.8495	164.1670
1532	32.7432	509(4)	458.0598	164.0822
1533	32.7632	485(4)	448.4373	163.9975
1534	32.7832	437(4)	407.5580	163.9127
1535	32.8033	368(3)	353.7056	163.8275
1536	32.8234	296(3)	302.1122	163.7423
1537	32.8434	252(3)	259.9755	163.6576
1538	32.8634	221(3)	228.7054	163.5728
1539	32.8831	200(2)	207.9024	163.4893
1540	32.9034	186(2)	194.0455	163.4033
1541	32.9232	181(2)	186.4727	163.3194
1542	32.9433	179(2)	183.7414	163.2342
1543	32.9633	177(2)	184.6792	163.1494
1544	32.9833	175(2)	189.3565	163.0647
1545	33.0032	181(2)	196.8424	162.9803
1546	33.0234	186(2)	204.3950	162.8947
1547	33.0432	185(2)	209.4809	162.8108
1548	33.0632	187(2)	210.1230	162.7260
1549	33.0831	193(2)	207.2778	162.6417
1550	33.1031	190(2)	203.9294	162.5569
1551	33.1233	196(2)	204.0122	162.4713
1552	33.1434	207(2)	210.7717	162.3861
1553	33.1634	227(3)	225.7843	162.3013

1554	33.1835	253(3)	248.8346	162.2161
1555	33.2034	279(3)	276.3043	162.1318
1556	33.2232	300(3)	301.7302	162.0479
1557	33.2434	315(3)	316.2360	161.9623
1558	33.2632	319(3)	313.0482	161.8784
1559	33.2832	302(3)	295.8523	161.7936
1560	33.3032	291(3)	274.5176	161.7088
1561	33.3232	281(3)	257.2126	161.6241
1562	33.3432	268(3)	247.1663	161.5393
1563	33.3632	260(3)	243.0081	161.4545
1564	33.3832	254(3)	240.4299	161.3698
1565	33.4033	246(3)	235.3380	161.2846
1566	33.4233	238(3)	226.0703	161.1998
1567	33.4432	226(3)	213.6917	161.1761
1568	33.4631	210(2)	200.9213	161.1552
1569	33.4832	201(2)	190.0923	161.1340
1570	33.5031	192(2)	182.4874	161.1132
1571	33.5234	188(2)	177.7917	161.0918
1572	33.5432	180(2)	175.4038	161.0710
1573	33.5634	183(2)	174.2961	161.0498
1574	33.5834	177(2)	173.8779	161.0288
1575	33.6034	177(2)	173.8100	161.0078
1576	33.6234	182(2)	174.0713	160.9868
1577	33.6434	177(2)	174.8157	160.9658
1578	33.6632	184(2)	176.2539	160.9450
1579	33.6831	187(2)	178.5692	160.9241
1580	33.7032	188(2)	182.0291	160.9030
1581	33.7232	194(2)	186.3049	160.8820
1582	33.7432	200(2)	190.8684	160.8610
1583	33.7632	208(2)	195.0835	160.8400
1584	33.7831	216(2)	199.0166	160.8192
1585	33.8033	219(2)	204.2763	160.7979
1586	33.8233	230(3)	214.2859	160.7769
1587	33.8431	242(3)	232.6952	160.7561
1588	33.8630	271(3)	263.7995	160.7352
1589	33.8830	317(3)	310.8544	160.7142
1590	33.9030	375(3)	374.0733	160.6933
1591	33.9231	438(4)	448.9737	160.6721
1592	33.9430	504(4)	523.0629	160.6512
1593	33.9632	549(4)	582.8613	160.6300
1594	33.9832	584(4)	619.4752	160.6090
1595	34.0031	600(4)	638.7822	160.5881
1596	34.0231	619(4)	648.2933	160.5671
1597	34.0431	616(4)	649.9291	160.5461
1598	34.0632	600(4)	636.1904	160.5250
1599	34.0832	567(4)	596.8777	160.5040
1600	34.1031	517(4)	535.4094	160.4831
1601	34.1230	460(4)	465.3558	160.4622
1602	34.1429	386(3)	398.0591	160.4413
1603	34.1629	337(3)	339.6098	160.4203
1604	34.1829	286(3)	292.7269	160.3993
1605	34.2030	253(3)	257.8593	160.3782
1606	34.2230	232(3)	234.6364	160.3572
1607	34.2430	219(2)	221.0500	160.3362

1608	34.2630	211(2)	214.7695	160.3152
1609	34.2830	208(2)	213.3917	160.2942
1610	34.3030	209(2)	214.6587	160.2732
1611	34.3230	212(2)	216.4512	160.2522
1612	34.3430	212(2)	216.8699	160.2312
1613	34.3629	212(2)	215.1346	160.2103
1614	34.3829	208(2)	210.2956	160.1893
1615	34.4031	205(2)	202.9142	160.1681
1616	34.4232	197(2)	195.1516	160.1470
1617	34.4434	194(2)	189.2542	160.1258
1618	34.4634	192(2)	186.5748	160.1048
1619	34.4834	190(2)	187.1489	160.0838
1620	34.5034	190(2)	189.8583	160.0628
1621	34.5233	192(2)	192.6763	160.0419
1622	34.5433	196(2)	193.3294	160.0209
1623	34.5632	194(2)	190.8007	160.0000
1624	34.5831	192(2)	186.2509	159.9791
1625	34.6032	190(2)	181.4020	159.9580
1626	34.6232	186(2)	177.9516	159.9370
1627	34.6432	180(2)	176.6865	159.9160
1628	34.6632	175(2)	177.8290	159.8950
1629	34.6831	179(2)	181.3057	159.8741
1630	34.7031	183(2)	187.0395	159.8531
1631	34.7230	190(2)	194.3954	159.8322
1632	34.7430	202(2)	202.4711	159.8112
1633	34.7629	203(2)	209.2499	159.7903
1634	34.7830	209(2)	213.3424	159.7692
1635	34.8030	211(2)	215.1076	159.7482
1636	34.8231	210(2)	216.3559	159.7271
1637	34.8432	215(2)	217.8480	159.7060
1638	34.8632	216(2)	218.9386	159.6850
1639	34.8832	219(2)	219.1857	159.6640
1640	34.9032	223(3)	219.4352	159.6430
1641	34.9234	230(3)	220.7061	159.6218
1642	34.9434	227(3)	222.5538	159.6008
1643	34.9634	229(3)	222.7637	159.5798
1644	34.9834	226(3)	219.1932	159.5588
1645	35.0035	220(3)	212.6537	159.5377
1646	35.0234	213(2)	206.3079	159.5168
1647	35.0435	210(2)	203.1077	159.4957
1648	35.0634	210(2)	204.7589	159.4748
1649	35.0831	218(2)	212.3097	159.4541
1650	35.1032	231(3)	224.5466	159.4330
1651	35.1233	246(3)	239.3781	159.4119
1652	35.1434	265(3)	252.4786	159.3908
1653	35.1634	264(3)	258.0901	159.3698
1654	35.1834	260(3)	253.4053	159.3488
1655	35.2033	245(3)	239.4087	159.3279
1656	35.2232	220(3)	221.2837	159.3070
1657	35.2431	200(2)	204.1491	159.2861
1658	35.2630	186(2)	191.0048	159.2652
1659	35.2830	180(2)	182.6841	159.2442
1660	35.3030	174(2)	178.6212	159.2232
1661	35.3231	173(2)	177.5061	159.2021

1662	35.3432	178(2)	178.2847	159.2878
1663	35.3631	177(2)	179.8665	159.3732
1664	35.3832	180(2)	181.6482	159.4595
1665	35.4032	183(2)	183.1945	159.5453
1666	35.4232	190(2)	184.9240	159.6312
1667	35.4431	194(2)	187.1639	159.7166
1668	35.4633	200(2)	189.8510	159.8033
1669	35.4832	206(2)	192.2979	159.8887
1670	35.5032	209(2)	194.0402	159.9745
1671	35.5232	214(2)	195.9330	160.0603
1672	35.5431	219(3)	200.4623	160.1458
1673	35.5633	229(3)	211.1551	160.2324
1674	35.5834	251(3)	230.9291	160.3187
1675	35.6033	279(3)	260.6595	160.4041
1676	35.6232	310(3)	298.0259	160.4895
1677	35.6433	346(3)	336.1391	160.5758
1678	35.6631	363(3)	363.5949	160.6607
1679	35.6833	376(3)	372.1649	160.7474
1680	35.7032	345(3)	360.6261	160.8328
1681	35.7233	332(3)	337.5345	160.9191
1682	35.7431	308(3)	314.4780	161.0041
1683	35.7632	300(3)	296.7591	161.0903
1684	35.7832	286(3)	284.9682	161.1762
1685	35.8034	285(3)	275.4752	161.2629
1686	35.8233	277(3)	267.0630	161.3483
1687	35.8431	270(3)	260.6149	161.4332
1688	35.8631	265(3)	256.1825	161.5191
1689	35.8831	255(3)	251.8451	161.6049
1690	35.9031	253(3)	245.0340	161.6907
1691	35.9231	245(3)	235.8334	161.7766
1692	35.9432	236(3)	227.5190	161.8628
1693	35.9632	233(3)	224.4817	161.9487
1694	35.9832	234(3)	230.0047	162.0345
1695	36.0031	253(3)	245.1636	162.1199
1696	36.0231	271(3)	267.6342	162.2057
1697	36.0430	283(3)	290.1619	162.2911
1698	36.0631	302(3)	302.4113	162.3774
1699	36.0830	289(3)	296.4504	162.4628
1700	36.1031	268(3)	273.9044	162.5491
1701	36.1231	244(3)	244.5970	162.6349
1702	36.1430	220(3)	218.6382	162.7203
1703	36.1631	199(2)	198.7379	162.8066
1704	36.1831	183(2)	186.8085	162.8924
1705	36.2032	176(2)	180.8866	162.9787
1706	36.2233	172(2)	178.9516	163.0649
1707	36.2433	172(2)	179.1933	163.1508
1708	36.2632	175(2)	180.6584	163.2362
1709	36.2832	168(2)	182.6260	163.3220
1710	36.3032	173(2)	184.7874	163.4333
1711	36.3232	173(2)	186.9877	163.5447
1712	36.3432	178(2)	189.1207	163.6560
1713	36.3631	184(2)	191.5312	163.7668
1714	36.3830	183(2)	194.7811	163.8776
1715	36.4031	192(2)	199.6957	163.9895

1716	36.4231	199(2)	206.6827	164.1008
1717	36.4433	210(2)	215.4084	164.2133
1718	36.4634	222(3)	224.1398	164.3252
1719	36.4831	224(3)	230.4588	164.4348
1720	36.5031	233(3)	233.1246	164.5462
1721	36.5231	239(3)	233.1094	164.6575
1722	36.5432	239(3)	234.0290	164.7694
1723	36.5631	247(3)	241.1023	164.8802
1724	36.5830	262(3)	260.6459	164.9910
1725	36.6031	300(3)	298.8777	165.1028
1726	36.6232	374(3)	357.0027	165.2147
1727	36.6433	454(4)	426.8624	165.3266
1728	36.6634	511(4)	488.9186	165.4385
1729	36.6834	539(4)	516.5047	165.5499
1730	36.7034	516(4)	496.4423	165.6612
1731	36.7231	447(4)	441.8419	165.7709
1732	36.7432	372(3)	375.6092	165.8828
1733	36.7632	307(3)	318.3035	165.9941
1734	36.7832	273(3)	277.3996	166.1054
1735	36.8033	250(3)	252.6293	166.2173
1736	36.8234	253(3)	241.8884	166.3292
1737	36.8434	265(3)	243.2855	166.4406
1738	36.8634	286(3)	255.4458	166.5519
1739	36.8833	315(3)	276.4941	166.6627
1740	36.9032	340(3)	304.0024	166.7735
1741	36.9233	379(3)	334.9884	166.8854
1742	36.9432	428(4)	367.0413	166.9961
1743	36.9634	458(4)	400.2023	167.1086
1744	36.9834	498(4)	432.8810	167.2199
1745	37.0032	527(4)	468.8669	167.3302
1746	37.0234	575(4)	520.3235	167.4426
1747	37.0432	645(4)	592.4818	167.4732
1748	37.0632	723(5)	679.7621	167.2659
1749	37.0832	800(5)	756.3876	167.0586
1750	37.1031	821(5)	791.1549	166.8524
1751	37.1233	804(5)	776.6942	166.6431
1752	37.1434	763(5)	736.2742	166.4347
1753	37.1634	730(5)	702.3558	166.2275
1754	37.1835	729(5)	697.8544	166.0191
1755	37.2034	753(5)	723.7999	165.8129
1756	37.2233	776(5)	756.6780	165.6067
1757	37.2434	773(5)	761.5738	165.3984
1758	37.2632	740(5)	718.4827	165.1932
1759	37.2832	657(4)	634.7822	164.9859
1760	37.3033	564(4)	533.6351	164.7776
1761	37.3232	462(4)	438.4714	164.5713
1762	37.3432	377(3)	361.1365	164.3641
1763	37.3633	312(3)	305.9485	164.1557
1764	37.3832	275(3)	270.3683	163.9495
1765	37.4034	249(3)	248.0162	163.7402
1766	37.4232	232(3)	234.6605	163.5350
1767	37.4434	225(3)	226.5919	163.3256
1768	37.4632	216(2)	222.2496	163.1204
1769	37.4831	215(2)	220.4865	162.9142

1770	37.5032	222(3)	222.0892	162.7059
1771	37.5233	232(3)	230.2607	162.4976
1772	37.5434	250(3)	249.5918	162.2892
1773	37.5634	296(3)	282.7315	162.0820
1774	37.5834	335(3)	327.2815	161.8747
1775	37.6034	381(3)	372.8134	161.6674
1776	37.6234	402(3)	402.3151	161.4601
1777	37.6434	391(3)	399.8316	161.2529
1778	37.6633	370(3)	366.1302	161.0466
1779	37.6832	310(3)	317.6409	160.8404
1780	37.7032	267(3)	270.4277	160.6331
1781	37.7232	230(3)	234.2092	160.4258
1782	37.7432	208(2)	210.9904	160.2186
1783	37.7632	191(2)	198.2401	160.0113
1784	37.7833	186(2)	192.2301	159.8030
1785	37.8032	186(2)	190.3596	159.5968
1786	37.8234	182(2)	190.9849	159.3874
1787	37.8432	189(2)	192.9318	159.1822
1788	37.8631	189(2)	195.0811	158.9760
1789	37.8830	185(2)	196.2218	158.7697
1790	37.9030	187(2)	195.2257	158.5625
1791	37.9231	186(2)	191.9744	158.3541
1792	37.9430	187(2)	187.3928	158.1479
1793	37.9631	183(2)	182.6120	157.9396
1794	37.9832	181(2)	179.1320	157.7313
1795	38.0032	180(2)	177.8842	157.5240
1796	38.0231	182(2)	179.6002	157.3514
1797	38.0431	190(2)	184.7198	157.1779
1798	38.0631	201(2)	193.4251	157.0045
1799	38.0832	223(3)	204.9560	156.8301
1800	38.1032	235(3)	218.3538	156.6566
1801	38.1231	248(3)	230.8941	156.4840
1802	38.1429	262(3)	240.0729	156.3123
1803	38.1629	269(3)	244.4325	156.1388
1804	38.1829	270(3)	245.2046	155.9654
1805	38.2030	273(3)	246.9427	155.7910
1806	38.2231	284(3)	253.7031	155.6167
1807	38.2429	295(3)	264.8973	155.4449
1808	38.2630	305(3)	276.6938	155.2706
1809	38.2831	309(3)	284.0111	155.0963
1810	38.3030	303(3)	283.9326	154.9236
1811	38.3229	286(3)	276.2999	154.7511
1812	38.3430	270(3)	262.1287	154.5767
1813	38.3630	247(3)	245.0583	154.4032
1814	38.3830	237(3)	230.1350	154.2298
1815	38.4031	218(2)	218.6611	154.0554
1816	38.4232	216(2)	211.2708	153.8811
1817	38.4434	216(2)	208.1617	153.7059
1818	38.4634	210(2)	209.1384	153.5324
1819	38.4834	210(2)	212.7610	153.3589
1820	38.5033	217(2)	216.4821	153.1863
1821	38.5233	215(2)	217.8551	153.0128
1822	38.5433	214(2)	217.1679	152.8394
1823	38.5632	217(2)	217.2430	152.6667

1824	38.5832	212(2)	220.8192	152.4933
1825	38.6031	219(3)	229.2296	152.3207
1826	38.6232	225(3)	242.6049	152.1463
1827	38.6432	240(3)	259.9755	151.9729
1828	38.6631	264(3)	278.6647	151.8002
1829	38.6832	273(3)	296.3862	151.6259
1830	38.7031	284(3)	309.0822	151.4533
1831	38.7229	293(3)	312.7191	151.2816
1832	38.7429	287(3)	305.8619	151.1081
1833	38.7629	272(3)	289.5181	150.9346
1834	38.7830	257(3)	265.8972	150.7603
1835	38.8030	240(3)	239.8819	150.5868
1836	38.8231	217(2)	216.0958	150.4125
1837	38.8432	204(2)	197.5855	150.2381
1838	38.8632	189(2)	185.4323	150.0647
1839	38.8832	184(2)	179.6081	149.8912
1840	38.9032	183(2)	179.8751	149.7177
1841	38.9233	193(2)	186.0627	149.5434
1842	38.9434	199(2)	197.4117	149.3690
1843	38.9635	215(2)	212.0708	149.1947
1844	38.9834	226(3)	226.1855	149.0221
1845	39.0035	243(3)	235.4472	148.8477
1846	39.0234	243(3)	235.5718	148.6752
1847	39.0435	239(3)	225.7652	148.5008
1848	39.0633	224(3)	210.8534	148.3291
1849	39.0832	211(2)	197.1234	148.1564
1850	39.1033	202(2)	189.7125	147.9821
1851	39.1232	197(2)	191.3783	147.8095
1852	39.1433	209(2)	202.1006	147.6352
1853	39.1634	221(3)	219.7352	147.4608
1854	39.1834	235(3)	239.7599	147.2874
1855	39.2033	246(3)	256.5391	147.1147
1856	39.2232	258(3)	265.5918	146.9421
1857	39.2431	267(3)	265.6141	146.7695
1858	39.2630	262(3)	258.8182	146.5969
1859	39.2830	256(3)	247.7800	146.4235
1860	39.3030	241(3)	234.6697	146.2500
1861	39.3231	224(3)	221.4456	146.0756
1862	39.3431	212(2)	209.7242	145.9022
1863	39.3631	204(2)	200.2190	145.7287
1864	39.3832	190(2)	193.4829	145.5544
1865	39.4032	191(2)	190.0677	145.3809
1866	39.4232	179(2)	190.0135	145.2074
1867	39.4432	179(2)	192.3424	145.0340
1868	39.4632	178(2)	194.8757	144.8605
1869	39.4832	177(2)	195.1015	144.6870
1870	39.5032	182(2)	192.6439	144.5894
1871	39.5232	178(2)	189.8253	144.4919
1872	39.5432	178(2)	189.7384	144.3943
1873	39.5632	190(2)	194.4755	144.2967
1874	39.5833	194(2)	204.3300	144.1986
1875	39.6033	205(2)	217.1547	144.1011
1876	39.6233	217(2)	229.1523	144.0035
1877	39.6432	230(3)	236.2986	143.9064

1878	39.6632	233(3)	235.6238	143.8088
1879	39.6832	220(3)	227.4770	143.7113
1880	39.7031	212(2)	215.9557	143.6142
1881	39.7233	202(2)	205.3376	143.5156
1882	39.7432	197(2)	198.4512	143.4185
1883	39.7632	194(2)	195.2103	143.3210
1884	39.7832	187(2)	193.8616	143.2234
1885	39.8033	185(2)	192.2722	143.1253
1886	39.8233	179(2)	190.0354	143.0278
1887	39.8431	180(2)	188.3046	142.9312
1888	39.8631	187(2)	187.9201	142.8336
1889	39.8831	184(2)	189.5222	142.7360
1890	39.9030	185(2)	192.6745	142.6389
1891	39.9232	188(2)	195.7084	142.5404
1892	39.9431	190(2)	195.8690	142.4433
1893	39.9632	186(2)	191.8339	142.3452
1894	39.9832	182(2)	184.9410	142.2477
1895	40.0032	182(2)	177.6982	142.1501
1896	40.0231	178(2)	172.0145	142.0530
1897	40.0430	176(2)	168.7433	141.9559
1898	40.0630	179(2)	167.6710	141.8583
1899	40.0831	183(2)	167.7431	141.7603
1900	40.1031	185(2)	167.6957	141.6627
1901	40.1230	184(2)	166.9514	141.5656
1902	40.1429	181(2)	165.3638	141.4685
1903	40.1630	181(2)	163.2324	141.3705
1904	40.1831	175(2)	161.4485	141.2724
1905	40.2032	174(2)	160.7066	141.1743
1906	40.2232	169(2)	161.2201	141.0768
1907	40.2432	167(2)	162.5143	140.9792
1908	40.2632	165(2)	163.8999	140.8816
1909	40.2832	168(2)	164.8598	140.7841
1910	40.3032	175(2)	165.4425	140.6865
1911	40.3232	173(2)	166.1727	140.5889
1912	40.3431	172(2)	167.3598	140.4918
1913	40.3631	170(2)	168.4904	140.3942
1914	40.3830	168(2)	168.6637	140.2972
1915	40.4030	170(2)	167.3740	140.1996
1916	40.4231	170(2)	165.0911	140.1015
1917	40.4432	168(2)	162.5667	140.0035
1918	40.4634	163(2)	160.2354	139.9049
1919	40.4831	165(2)	158.4780	139.8088
1920	40.5031	163(2)	157.3611	139.7112
1921	40.5231	160(2)	156.7886	139.6136
1922	40.5430	159(2)	156.3985	139.5166
1923	40.5631	161(2)	156.0948	139.4185
1924	40.5830	159(2)	155.9638	139.3214
1925	40.6030	158(2)	156.2692	139.2238
1926	40.6231	155(2)	156.8894	139.1258
1927	40.6433	153(2)	157.4650	139.0272
1928	40.6633	155(2)	157.5173	138.9297
1929	40.6834	157(2)	156.7761	138.8316
1930	40.7033	148(2)	155.7662	138.7344
1931	40.7231	155(2)	155.5175	138.6088

1932	40.7432	160(2)	157.2813	138.4813
1933	40.7632	163(2)	162.1258	138.3544
1934	40.7832	168(2)	170.6505	138.2276
1935	40.8032	175(2)	182.1947	138.1007
1936	40.8234	189(2)	194.7318	137.9726
1937	40.8434	197(2)	203.9505	137.8458
1938	40.8634	195(2)	205.7097	137.7189
1939	40.8832	195(2)	199.4798	137.5933
1940	40.9032	182(2)	188.7742	137.4664
1941	40.9233	179(2)	177.9748	137.3390
1942	40.9432	177(2)	170.6797	137.2128
1943	40.9633	177(2)	168.4200	137.0853
1944	40.9833	175(2)	171.2296	136.9584
1945	41.0033	182(2)	177.9766	136.8315
1946	41.0232	189(2)	186.4501	136.7053
1947	41.0432	194(2)	193.9988	136.5785
1948	41.0632	194(2)	197.9256	136.4516
1949	41.0831	196(2)	197.4022	136.3254
1950	41.1032	199(2)	194.4635	136.1979
1951	41.1232	197(2)	192.6641	136.0710
1952	41.1434	203(2)	195.0424	135.9429
1953	41.1634	212(2)	202.6620	135.8161
1954	41.1835	224(3)	214.4831	135.6886
1955	41.2034	237(3)	227.5116	135.5624
1956	41.2234	244(3)	237.5762	135.4355
1957	41.2432	244(3)	240.2565	135.3099
1958	41.2633	241(3)	235.5324	135.1824
1959	41.2832	238(3)	228.1660	135.0562
1960	41.3032	232(3)	222.5986	134.9294
1961	41.3232	233(3)	220.4081	134.8025
1962	41.3432	232(3)	220.1780	134.6756
1963	41.3633	234(3)	218.4999	134.5481
1964	41.3831	227(3)	212.6754	134.4225
1965	41.4034	214(2)	202.9213	134.2938
1966	41.4232	208(2)	191.4854	134.1682
1967	41.4433	191(2)	179.5472	134.0407
1968	41.4632	179(2)	168.9936	133.9145
1969	41.4831	174(2)	161.0199	133.7883
1970	41.5032	163(2)	156.4860	133.6608
1971	41.5233	159(2)	156.0752	133.5333
1972	41.5433	167(2)	160.0411	133.4064
1973	41.5634	171(2)	168.0587	133.2790
1974	41.5834	181(2)	178.6400	133.1521
1975	41.6034	184(2)	189.0287	133.0252
1976	41.6234	189(2)	195.4941	132.8984
1977	41.6434	190(2)	195.3203	132.7715
1978	41.6632	181(2)	189.7899	132.6460
1979	41.6832	174(2)	181.8081	132.5191
1980	41.7032	168(2)	173.7722	132.3922
1981	41.7232	159(2)	166.6532	132.2654
1982	41.7433	155(2)	160.8652	132.1379
1983	41.7632	156(2)	157.0498	132.0117
1984	41.7832	149(2)	155.5750	131.8848
1985	41.8033	155(2)	156.5507	131.7573

1986	41.8233	154(2)	159.6600	131.6305
1987	41.8432	158(2)	164.2432	131.5043
1988	41.8630	165(2)	169.4183	131.3787
1989	41.8830	173(2)	174.1967	131.2518
1990	41.9031	178(2)	177.7119	131.1243
1991	41.9231	185(2)	179.8087	130.9975
1992	41.9430	189(2)	181.8506	130.8712
1993	41.9631	193(2)	185.6161	130.7438
1994	41.9832	192(2)	191.7651	130.6163
1995	42.0032	195(2)	198.6718	130.4894
1996	42.0231	195(2)	203.2771	130.3632
1997	42.0431	189(2)	202.3277	130.2363
1998	42.0631	184(2)	195.1399	130.1095
1999	42.0832	168(2)	184.0022	129.9820
2000	42.1032	158(2)	171.9434	129.8551
2001	42.1231	153(2)	161.2037	129.7289
2002	42.1429	148(2)	152.9101	129.6033
2003	42.1629	146(2)	147.0773	129.4765
2004	42.1829	139(2)	143.3410	129.3496
2005	42.2030	143(2)	141.1835	129.2221
2006	42.2230	137.7(20)	140.1598	129.0953
2007	42.2430	138.1(20)	139.9476	128.8932
2008	42.2630	138.7(20)	140.3123	128.6904
2009	42.2830	144(2)	141.2577	128.4876
2010	42.3030	145(2)	142.5864	128.2848
2011	42.3230	147(2)	144.3575	128.0820
2012	42.3430	153(2)	146.8359	127.8792
2013	42.3630	154(2)	150.1335	127.6765
2014	42.3830	158(2)	153.9738	127.4736
2015	42.4031	159(2)	157.2164	127.2698
2016	42.4232	162(2)	158.3876	127.0660
2017	42.4434	155(2)	156.8041	126.8612
2018	42.4634	153(2)	153.3524	126.6584
2019	42.4834	150(2)	149.5382	126.4556
2020	42.5032	153(2)	146.5811	126.2548
2021	42.5234	148(2)	145.4361	126.0500
2022	42.5432	153(2)	147.1603	125.8492
2023	42.5633	159(2)	152.6926	125.6454
2024	42.5831	164(2)	162.4075	125.4446
2025	42.6031	179(2)	176.0881	125.2418
2026	42.6232	192(2)	191.6924	125.0380
2027	42.6432	210(2)	205.2046	124.8352
2028	42.6632	216(2)	212.5297	124.6324
2029	42.6831	213(2)	211.5951	124.4306
2030	42.7031	205(2)	203.4226	124.2278
2031	42.7229	193(2)	191.2289	124.0271
2032	42.7430	179(2)	178.5190	123.8232
2033	42.7629	165(2)	168.0822	123.6214
2034	42.7830	158(2)	160.3115	123.4176
2035	42.8031	148(2)	154.7238	123.2138
2036	42.8231	145(2)	150.8032	123.0110
2037	42.8431	149(2)	148.2760	122.8082
2038	42.8632	148(2)	147.4805	122.6044
2039	42.8832	150(2)	149.2061	122.4016

2040	42.9032	159(2)	154.4337	122.1988
2041	42.9234	173(2)	164.4178	121.9940
2042	42.9434	188(2)	179.9011	121.7912
2043	42.9635	209(2)	200.8871	121.5874
2044	42.9834	227(3)	224.4626	121.3856
2045	43.0035	237(3)	245.5224	121.1817
2046	43.0234	248(3)	257.0220	120.9800
2047	43.0434	248(3)	256.8274	120.7772
2048	43.0634	229(3)	248.3304	120.5744
2049	43.0832	215(2)	235.2328	120.3736
2050	43.1032	205(2)	218.6848	120.1708
2051	43.1233	190(2)	200.4097	119.9670
2052	43.1432	172(2)	183.2795	119.7652
2053	43.1634	166(2)	168.7972	119.5604
2054	43.1834	160(2)	157.9636	119.3576
2055	43.2033	154(2)	150.6879	119.1558
2056	43.2231	159(2)	146.3388	118.9550
2057	43.2431	156(2)	144.3834	118.7522
2058	43.2630	157(2)	144.5865	118.5504
2059	43.2830	154(2)	146.7166	118.3476
2060	43.3030	154(2)	150.4314	118.1448
2061	43.3230	157(2)	155.1807	117.9420
2062	43.3432	159(2)	159.9870	117.7372
2063	43.3632	162(2)	163.1473	117.5344
2064	43.3832	156(2)	163.2711	117.3316
2065	43.4033	151(2)	160.1661	117.1278
2066	43.4232	149(2)	154.8228	116.9260
2067	43.4432	141(2)	148.6040	116.7232
2068	43.4632	138(2)	143.0635	116.5204
2069	43.4832	135.8(20)	139.3141	116.3176
2070	43.5032	136.4(20)	137.9908	116.1148
2071	43.5232	132.3(20)	139.4312	115.9120
2072	43.5432	142(2)	143.5320	115.7025
2073	43.5632	149(2)	150.0524	115.4930
2074	43.5834	158(2)	158.7948	115.2814
2075	43.6032	175(2)	169.3323	115.0740
2076	43.6233	189(2)	182.8265	114.8635
2077	43.6432	213(2)	199.9677	114.6550
2078	43.6632	233(3)	220.4684	114.4455
2079	43.6831	254(3)	240.7057	114.2370
2080	43.7032	267(3)	253.6145	114.0265
2081	43.7232	260(3)	251.8185	113.8170
2082	43.7432	247(3)	235.3531	113.6075
2083	43.7631	221(3)	212.1404	113.3991
2084	43.7832	199(2)	189.7950	113.1885
2085	43.8034	180(2)	173.2601	112.9769
2086	43.8232	176(2)	164.0619	112.7695
2087	43.8431	169(2)	160.4999	112.5610
2088	43.8630	170(2)	160.4055	112.3526
2089	43.8831	175(2)	162.0722	112.1420
2090	43.9031	179(2)	164.3258	111.9326
2091	43.9231	181(2)	165.9279	111.7231
2092	43.9431	174(2)	165.3645	111.5135
2093	43.9632	169(2)	162.0918	111.3030

2094	43.9832	165(2)	157.1931	111.0935
2095	44.0032	158(2)	151.9228	110.8840
2096	44.0230	149(2)	146.6945	110.6766
2097	44.0431	142(2)	141.6215	110.4660
2098	44.0630	140(2)	137.2665	110.2576
2099	44.0830	134.8(20)	134.4104	110.0481
2100	44.1030	133.8(20)	133.7233	109.8386
2101	44.1231	136.3(20)	135.4858	109.6280
2102	44.1429	131.0(19)	139.1228	109.4206
2103	44.1631	133.9(20)	143.2549	109.2090
2104	44.1831	137.0(20)	145.9900	108.9995
2105	44.2031	140(2)	145.8242	108.7900
2106	44.2233	137.7(20)	142.5047	108.5784
2107	44.2432	134.2(20)	137.1581	108.3700
2108	44.2632	127.5(19)	131.3038	108.1605
2109	44.2832	126.2(19)	126.2954	107.9510
2110	44.3032	126.3(19)	123.1502	107.9258
2111	44.3232	127.2(19)	122.0924	107.9005
2112	44.3432	131.5(19)	123.2959	107.8753
2113	44.3631	132.9(20)	126.6774	107.8502
2114	44.3830	137.4(20)	131.9043	107.8251
2115	44.4030	149(2)	138.2111	107.7998
2116	44.4231	149(2)	144.2850	107.7745
2117	44.4434	154(2)	148.5859	107.7489
2118	44.4632	154(2)	149.9309	107.7239
2119	44.4831	150(2)	148.7183	107.6988
2120	44.5031	147(2)	146.0833	107.6735
2121	44.5231	141(2)	143.3980	107.6483
2122	44.5431	139(2)	141.7810	107.6231
2123	44.5631	141(2)	141.9254	107.5978
2124	44.5830	142(2)	144.3525	107.5727
2125	44.6030	149(2)	149.8391	107.5475
2126	44.6232	156(2)	159.1311	107.5220
2127	44.6432	166(2)	171.9177	107.4968
2128	44.6634	179(2)	186.7649	107.4713
2129	44.6834	193(2)	200.4030	107.4460
2130	44.7033	200(2)	210.2901	107.4209
2131	44.7232	204(2)	214.8240	107.3958
2132	44.7432	199(2)	212.3352	107.3706
2133	44.7632	193(2)	202.2992	107.3454
2134	44.7832	176(2)	186.9182	107.3201
2135	44.8033	168(2)	169.9001	107.2948
2136	44.8234	151(2)	154.2318	107.2694
2137	44.8434	146(2)	142.0798	107.2442
2138	44.8633	134.6(20)	134.1642	107.2190
2139	44.8832	132.8(20)	130.1947	107.1939
2140	44.9032	125.6(19)	129.4738	107.1687
2141	44.9234	129.4(19)	131.2232	107.1432
2142	44.9432	128.3(19)	134.6046	107.1182
2143	44.9633	128.3(19)	139.4061	107.0929
2144	44.9833	132.8(20)	145.7350	107.0676
2145	45.0033	142(2)	154.2769	107.0424
2146	45.0233	152(2)	164.9408	107.0172
2147	45.0432	161(2)	176.6285	106.9921

2148	45.0632	168(2)	187.8389	106.9668
2149	45.0831	176(2)	196.8305	106.9417
2150	45.1032	185(2)	202.2298	106.9164
2151	45.1232	188(2)	203.8905	106.8911
2152	45.1434	188(2)	203.5480	106.8656
2153	45.1634	192(2)	202.2019	106.8404
2154	45.1835	189(2)	199.7321	106.8150
2155	45.2034	188(2)	195.4910	106.7899
2156	45.2232	183(2)	188.1307	106.7649
2157	45.2434	172(2)	176.7127	106.7394
2158	45.2632	164(2)	163.2314	106.7145
2159	45.2832	149(2)	149.8176	106.6892
2160	45.3032	139(2)	138.3734	106.6640
2161	45.3232	134.5(20)	129.5760	106.6388
2162	45.3432	128.2(19)	123.4224	106.6135
2163	45.3634	121.8(19)	119.4256	106.5880
2164	45.3831	119.5(19)	117.1458	106.5632
2165	45.4033	120.3(19)	115.9489	106.5377
2166	45.4234	121.2(19)	115.5489	106.5123
2167	45.4432	121.1(19)	115.6799	106.4874
2168	45.4632	120.0(19)	116.1464	106.4621
2169	45.4831	123.8(19)	116.7415	106.4370
2170	45.5032	122.9(19)	117.3342	106.4116
2171	45.5233	119.3(19)	117.7684	106.3863
2172	45.5434	123.3(19)	117.8006	106.3609
2173	45.5634	118.6(19)	117.4133	106.3357
2174	45.5834	120.6(19)	116.8576	106.3105
2175	45.6035	118.8(19)	116.3830	106.2851
2176	45.6234	115.5(18)	116.1343	106.2600
2177	45.6434	115.4(18)	116.0237	106.2353
2178	45.6632	118.3(18)	116.0575	106.2617
2179	45.6832	116.9(18)	116.2719	106.2885
2180	45.7032	120.3(19)	116.8004	106.3152
2181	45.7232	117.6(18)	117.6341	106.3419
2182	45.7432	118.7(19)	118.6108	106.3687
2183	45.7633	119.2(19)	119.5279	106.3955
2184	45.7832	122.7(19)	120.3053	106.4221
2185	45.8032	121.2(19)	121.0859	106.4489
2186	45.8234	124.9(19)	122.3012	106.4759
2187	45.8431	125.5(19)	124.3485	106.5022
2188	45.8630	127.0(19)	127.3264	106.5288
2189	45.8830	132.4(20)	131.1491	106.5555
2190	45.9031	137.4(20)	135.5616	106.5824
2191	45.9230	142(2)	140.4327	106.6090
2192	45.9430	151(2)	145.9619	106.6357
2193	45.9631	154(2)	152.6245	106.6626
2194	45.9832	168(2)	160.3354	106.6894
2195	46.0032	168(2)	167.5705	106.7162
2196	46.0231	169(2)	171.6013	106.7428
2197	46.0431	166(2)	170.3529	106.7695
2198	46.0631	165(2)	164.8539	106.7962
2199	46.0832	154(2)	157.8289	106.8231
2200	46.1032	144(2)	151.2876	106.8498
2201	46.1231	138(2)	145.6740	106.8764

2202	46.1429	138(2)	140.7899	106.9029
2203	46.1629	127.9(19)	136.6736	106.9296
2204	46.1829	130.1(19)	134.0085	106.9564
2205	46.2030	129.3(19)	133.5077	106.9832
2206	46.2229	128.0(19)	135.5804	107.0098
2207	46.2430	128.9(19)	139.8510	107.0367
2208	46.2630	133.5(20)	144.8580	107.0634
2209	46.2831	132.6(20)	149.1193	107.0903
2210	46.3030	137.4(20)	151.5421	107.1169
2211	46.3230	140(2)	152.2311	107.1436
2212	46.3430	145(2)	152.1007	107.1704
2213	46.3630	146(2)	152.6820	107.1971
2214	46.3830	153(2)	155.4112	107.2238
2215	46.4031	165(2)	160.4017	107.2507
2216	46.4232	172(2)	166.3173	107.2776
2217	46.4434	176(2)	170.6480	107.3046
2218	46.4634	177(2)	172.0792	107.3313
2219	46.4834	172(2)	171.7894	107.3580
2220	46.5034	169(2)	171.4239	107.3848
2221	46.5233	174(2)	171.1807	107.4114
2222	46.5433	171(2)	169.9727	107.4381
2223	46.5632	164(2)	166.8070	107.4647
2224	46.5831	159(2)	161.1611	107.4913
2225	46.6031	153(2)	153.3501	107.5180
2226	46.6232	146(2)	144.7972	107.5449
2227	46.6432	144(2)	136.9773	107.5716
2228	46.6631	135.2(20)	130.5129	107.5982
2229	46.6831	129.1(19)	125.6467	107.6249
2230	46.7031	127.7(19)	122.4850	107.6517
2231	46.7229	126.5(19)	121.0039	107.6781
2232	46.7430	128.9(19)	121.1752	107.7050
2233	46.7629	124.6(19)	122.9698	107.7316
2234	46.7830	126.4(19)	126.3796	107.7531
2235	46.8030	131.4(20)	131.0851	107.7745
2236	46.8231	132.6(20)	136.5080	107.7959
2237	46.8432	143(2)	141.9065	107.8173
2238	46.8632	141(2)	146.7598	107.8387
2239	46.8832	149(2)	150.8790	107.8600
2240	46.9032	154(2)	154.9068	107.8813
2241	46.9234	155(2)	160.6024	107.9029
2242	46.9434	164(2)	169.2073	107.9242
2243	46.9634	174(2)	180.0465	107.9455
2244	46.9834	184(2)	190.1698	107.9669
2245	47.0035	193(2)	195.6535	107.9883
2246	47.0234	187(2)	193.4109	108.0096
2247	47.0434	180(2)	183.6134	108.0309
2248	47.0634	170(2)	170.0769	108.0522
2249	47.0831	157(2)	157.4547	108.0732
2250	47.1033	154(2)	148.2061	108.0948
2251	47.1232	149(2)	143.5904	108.1160
2252	47.1434	151(2)	142.8747	108.1376
2253	47.1633	156(2)	144.3617	108.1588
2254	47.1834	152(2)	146.5346	108.1802
2255	47.2032	159(2)	149.1582	108.2013

2256	47.2231	162(2)	153.2108	108.2226
2257	47.2431	164(2)	159.5073	108.2439
2258	47.2631	174(2)	168.1854	108.2652
2259	47.2830	185(2)	178.5758	108.2865
2260	47.3030	189(2)	189.3949	108.3078
2261	47.3231	203(2)	198.7163	108.3292
2262	47.3431	208(2)	205.5624	108.3506
2263	47.3632	209(2)	210.1333	108.3720
2264	47.3833	208(2)	212.7836	108.3934
2265	47.4032	204(2)	213.3888	108.4147
2266	47.4234	207(2)	210.8089	108.4362
2267	47.4431	194(2)	204.2356	108.4572
2268	47.4632	190(2)	192.9779	108.4787
2269	47.4832	175(2)	179.2756	108.5000
2270	47.5032	169(2)	165.8555	108.5213
2271	47.5232	154(2)	155.1386	108.5427
2272	47.5431	145(2)	148.5966	108.5639
2273	47.5632	142(2)	146.1778	108.5853
2274	47.5834	139(2)	146.8144	108.6069
2275	47.6033	141(2)	148.4059	108.6281
2276	47.6232	141(2)	149.4047	108.6493
2277	47.6433	137.3(20)	149.0639	108.6708
2278	47.6631	139(2)	147.8055	108.6919
2279	47.6832	141(2)	145.4529	108.7133
2280	47.7032	142(2)	142.5392	108.7347
2281	47.7232	140(2)	139.7557	108.7560
2282	47.7432	141(2)	137.3816	108.7773
2283	47.7632	137.1(20)	134.9952	108.7987
2284	47.7832	136.8(20)	132.1751	108.8200
2285	47.8034	140(2)	129.1946	108.8416
2286	47.8231	132.4(20)	126.7907	108.8626
2287	47.8431	135.1(20)	125.2612	108.8839
2288	47.8631	134.1(20)	124.6612	108.9052
2289	47.8831	130.5(20)	124.7963	108.9266
2290	47.9031	134.9(20)	125.4245	108.9479
2291	47.9231	132.0(20)	126.4675	108.9692
2292	47.9431	132.8(20)	127.8283	108.9906
2293	47.9632	130.2(19)	129.4767	109.0120
2294	47.9832	134.9(20)	131.4049	109.0520
2295	48.0031	136.4(20)	133.4561	109.0918
2296	48.0231	132.9(20)	135.3468	109.1317
2297	48.0431	138(2)	136.7835	109.1717
2298	48.0631	139(2)	137.9854	109.2117
2299	48.0830	135.0(20)	139.2767	109.2514
2300	48.1030	140(2)	140.9446	109.2914
2301	48.1231	136.0(20)	142.6212	109.3316
2302	48.1429	139(2)	143.8327	109.3712
2303	48.1630	140(2)	144.4966	109.4113
2304	48.1831	144(2)	144.8252	109.4515
2305	48.2032	143(2)	145.4523	109.4917
2306	48.2233	143(2)	146.9899	109.5318
2307	48.2433	148(2)	149.8778	109.5718
2308	48.2632	156(2)	154.1006	109.6116
2309	48.2832	165(2)	159.5143	109.6516

2310	48.3032	170(2)	165.9339	109.6915
2311	48.3232	179(2)	173.2631	109.7315
2312	48.3432	192(2)	180.9998	109.7715
2313	48.3630	194(2)	187.9241	109.8110
2314	48.3830	195(2)	192.8965	109.8510
2315	48.4030	199(2)	196.1598	109.8910
2316	48.4231	206(2)	201.3047	109.9312
2317	48.4432	211(2)	212.6933	109.9713
2318	48.4634	232(3)	233.4771	110.0117
2319	48.4831	255(3)	263.2771	110.0511
2320	48.5030	290(3)	301.0512	110.0909
2321	48.5232	318(3)	342.1148	110.1312
2322	48.5431	349(3)	375.6352	110.1710
2323	48.5630	369(3)	390.9483	110.2108
2324	48.5830	361(3)	383.9496	110.2507
2325	48.6030	342(3)	360.2826	110.2907
2326	48.6232	317(3)	327.2819	110.3311
2327	48.6432	288(3)	292.0857	110.3710
2328	48.6633	259(3)	260.1967	110.4112
2329	48.6834	244(3)	236.6642	110.4613
2330	48.7034	238(3)	224.3942	110.5391
2331	48.7231	241(3)	222.8684	110.6158
2332	48.7432	245(3)	229.1331	110.6941
2333	48.7632	248(3)	238.4254	110.7720
2334	48.7831	253(3)	245.4461	110.8495
2335	48.8034	245(3)	245.0391	110.9285
2336	48.8234	239(3)	234.7502	111.0064
2337	48.8434	217(3)	217.4817	111.0842
2338	48.8634	202(2)	198.4744	111.1621
2339	48.8832	188(2)	182.3740	111.2392
2340	48.9032	172(2)	171.5609	111.3171
2341	48.9234	167(2)	167.4201	111.3957
2342	48.9432	168(2)	169.7245	111.4728
2343	48.9633	174(2)	177.1781	111.5511
2344	48.9833	185(2)	187.6151	111.6290
2345	49.0033	192(2)	198.4654	111.7068
2346	49.0232	199(2)	207.3134	111.7843
2347	49.0433	206(2)	213.2263	111.8626
2348	49.0632	209(2)	216.5576	111.9401
2349	49.0831	207(2)	218.3811	112.0176
2350	49.1032	212(2)	219.2584	112.0958
2351	49.1232	214(2)	219.1912	112.1737
2352	49.1434	215(3)	218.3739	112.2524
2353	49.1634	210(2)	216.2400	112.3302
2354	49.1834	204(2)	210.9888	112.4081
2355	49.2034	200(2)	202.4999	112.4860
2356	49.2234	193(2)	193.3753	112.5639
2357	49.2432	186(2)	186.5885	112.6410
2358	49.2633	185(2)	183.9218	112.6562
2359	49.2831	187(2)	185.8141	112.6208
2360	49.3033	191(2)	191.5022	112.5847
2361	49.3232	197(2)	199.1306	112.5491
2362	49.3432	210(2)	206.9621	112.5134
2363	49.3633	218(3)	214.3680	112.4774

2364	49.3831	224(3)	221.5815	112.4420
2365	49.4033	227(3)	227.7542	112.4059
2366	49.4234	225(3)	228.9516	112.3700
2367	49.4432	217(3)	222.2298	112.3346
2368	49.4631	198(2)	208.3745	112.2990
2369	49.4832	186(2)	191.2561	112.2631
2370	49.5032	174(2)	176.1841	112.2274
2371	49.5232	170(2)	166.7023	112.1916
2372	49.5434	172(2)	163.9857	112.1555
2373	49.5633	183(2)	166.9279	112.1199
2374	49.5834	186(2)	172.7868	112.0840
2375	49.6035	192(2)	178.2094	112.0481
2376	49.6234	190(2)	181.2196	112.0125
2377	49.6434	200(2)	183.2670	111.9768
2378	49.6632	197(2)	186.9396	111.9414
2379	49.6832	199(2)	193.7280	111.9056
2380	49.7032	208(2)	202.5405	111.8699
2381	49.7232	217(3)	211.7965	111.8341
2382	49.7432	226(3)	219.3388	111.7984
2383	49.7633	233(3)	225.2520	111.7625
2384	49.7832	237(3)	229.9064	111.7269
2385	49.8033	233(3)	232.9293	111.6910
2386	49.8232	233(3)	232.9805	111.6554
2387	49.8431	235(3)	228.7801	111.6198
2388	49.8630	217(3)	220.1095	111.5843
2389	49.8831	207(2)	209.0154	111.5483
2390	49.9030	193(2)	198.1291	111.5128
2391	49.9231	185(2)	188.2015	111.4768
2392	49.9430	174(2)	179.0377	111.4413
2393	49.9631	165(2)	169.6433	111.4053
2394	49.9832	152(2)	160.7862	111.3694
2395	50.0032	147(2)	153.1974	111.3337
2396	50.0230	146(2)	147.2874	111.2983
2397	50.0432	142(2)	142.6278	111.2622
2398	50.0631	141(2)	138.9747	111.2125
2399	50.0833	137(2)	135.8627	111.0262
2400	50.1032	142(2)	133.5015	110.8427
2401	50.1230	134.2(20)	132.0519	110.6601
2402	50.1429	141(2)	132.0000	110.4766
2403	50.1629	143(2)	133.8787	110.2922
2404	50.1829	143(2)	137.8723	110.1078
2405	50.2030	153(2)	143.4785	109.9224
2406	50.2230	157(2)	149.7464	109.7380
2407	50.2430	160(2)	154.9799	109.5536
2408	50.2630	162(2)	157.4281	109.3691
2409	50.2830	159(2)	156.2322	109.1847
2410	50.3030	156(2)	152.3246	109.0003
2411	50.3229	150(2)	147.3997	108.8168
2412	50.3430	136.6(20)	142.7640	108.6314
2413	50.3630	137(2)	139.4828	108.4470
2414	50.3829	134.0(20)	138.1631	108.2635
2415	50.4031	133.9(20)	138.6285	108.0772
2416	50.4233	133.6(20)	140.0304	107.8909
2417	50.4434	136.3(20)	141.1350	107.7056

2418	50.4634	137(2)	141.5163	107.5211
2419	50.4834	140(2)	141.6696	107.3367
2420	50.5034	142(2)	142.4010	107.1523
2421	50.5232	142(2)	143.8466	106.9697
2422	50.5434	145(2)	145.3823	106.7835
2423	50.5632	149(2)	145.6092	106.6009
2424	50.5831	145(2)	143.4937	106.4174
2425	50.6031	140(2)	139.3818	106.2329
2426	50.6231	140(2)	134.5335	106.0485
2427	50.6432	132.9(20)	130.0452	105.8632
2428	50.6632	128.6(19)	126.6662	105.6787
2429	50.6831	125.1(19)	124.4782	105.4952
2430	50.7031	127.4(19)	123.1020	105.3108
2431	50.7229	128.0(19)	121.9564	105.1282
2432	50.7430	122.6(19)	120.6758	104.9429
2433	50.7629	125.7(19)	119.5166	104.8177
2434	50.7830	123.8(19)	118.9755	104.6919
2435	50.8031	124.4(19)	119.6706	104.5661
2436	50.8231	129.6(19)	122.2406	104.4410
2437	50.8431	131.9(20)	127.3531	104.3158
2438	50.8632	134.1(20)	135.5315	104.1900
2439	50.8832	145(2)	146.7763	104.0649
2440	50.9032	152(2)	160.1817	103.9397
2441	50.9234	171(2)	173.9225	103.8133
2442	50.9434	176(2)	184.4636	103.6881
2443	50.9634	185(2)	189.1456	103.5630
2444	50.9834	183(2)	187.0559	103.4378
2445	51.0035	177(2)	180.1718	103.3120
2446	51.0234	174(2)	171.6841	103.1875
2447	51.0435	168(2)	164.0261	103.0617
2448	51.0633	164(2)	159.0509	102.9378
2449	51.0832	157(2)	157.0656	102.8132
2450	51.1032	154(2)	157.0255	102.6881
2451	51.1232	153(2)	156.7785	102.5629
2452	51.1434	153(2)	154.3293	102.4365
2453	51.1634	144(2)	149.1874	102.3113
2454	51.1832	141(2)	142.5358	102.1874
2455	51.2033	131.5(20)	136.0690	102.0616
2456	51.2232	131.6(20)	131.3130	101.9371
2457	51.2431	126.4(19)	128.6262	101.8126
2458	51.2630	124.7(19)	127.5875	101.6880
2459	51.2830	126.9(19)	127.3674	101.5629
2460	51.3031	126.6(19)	127.0198	101.4371
2461	51.3231	125.4(19)	126.0347	101.3119
2462	51.3431	123.6(19)	124.4619	101.1867
2463	51.3632	123.1(19)	122.4921	101.0609
2464	51.3833	117.6(19)	120.5006	100.9352
2465	51.4032	120.3(19)	118.8411	100.8106
2466	51.4232	122.6(19)	117.7862	100.6855
2467	51.4432	117.9(19)	117.3722	100.5603
2468	51.4632	121.1(19)	117.3956	100.4351
2469	51.4832	120.1(19)	117.6644	100.3100
2470	51.5032	123.4(19)	118.0636	100.1848
2471	51.5232	120.4(19)	118.5631	100.0596

2472	51.5431	121.9(19)	119.1611	99.9351
2473	51.5633	125.5(19)	119.8183	99.8087
2474	51.5834	125.3(19)	120.4014	99.6829
2475	51.6033	123.7(19)	120.6483	99.5583
2476	51.6232	123.4(19)	120.3347	99.4338
2477	51.6432	115.5(18)	119.4081	99.3087
2478	51.6632	115.9(18)	118.0813	99.1835
2479	51.6832	113.3(18)	116.7411	99.0583
2480	51.7032	110.3(18)	115.8503	98.9332
2481	51.7232	109.3(18)	115.6703	98.8080
2482	51.7432	112.1(18)	116.3853	98.7635
2483	51.7632	113.9(18)	117.7853	98.7190
2484	51.7832	117.4(19)	119.5124	98.6745
2485	51.8033	119.4(19)	121.1141	98.6297
2486	51.8232	115.3(18)	122.1606	98.5854
2487	51.8431	120.3(19)	122.4120	98.5412
2488	51.8631	119.2(19)	121.8668	98.4966
2489	51.8831	122.2(19)	121.0167	98.4521
2490	51.9030	120.1(19)	120.6944	98.4078
2491	51.9231	125.8(19)	121.3974	98.3631
2492	51.9432	128.8(19)	123.0763	98.3184
2493	51.9632	125.4(19)	125.1726	98.2739
2494	51.9832	126.2(19)	127.0868	98.2294
2495	52.0031	127.8(19)	128.6006	98.1851
2496	52.0231	127.9(19)	130.0082	98.1406
2497	52.0431	125.7(19)	131.6888	98.0960
2498	52.0630	127.8(19)	133.7463	98.0518
2499	52.0831	128.6(19)	136.6567	98.0070
2500	52.1031	131.4(20)	140.8824	97.9625
2501	52.1230	135.5(20)	146.3132	97.9182
2502	52.1429	140(2)	152.1166	97.8739
2503	52.1631	145(2)	156.4059	97.8290
2504	52.1831	142(2)	157.0237	97.7845
2505	52.2032	138(2)	153.2365	97.7397
2506	52.2232	139(2)	146.4802	97.6952
2507	52.2433	132.9(20)	138.8428	97.6505
2508	52.2632	130.8(20)	131.8699	97.6062
2509	52.2832	129.8(19)	126.1424	97.5617
2510	52.3032	127.4(19)	122.0857	97.5172
2511	52.3232	124.2(19)	119.7999	97.4727
2512	52.3432	123.5(19)	119.1244	97.4282
2513	52.3631	123.2(19)	119.7741	97.3839
2514	52.3830	126.2(19)	121.5818	97.3396
2515	52.4031	125.0(19)	124.3794	97.2948
2516	52.4231	128.6(19)	127.7880	97.2503
2517	52.4433	134.7(20)	131.0915	97.2054
2518	52.4633	137(2)	132.9768	97.1609
2519	52.4831	134.2(20)	132.3806	97.1168
2520	52.5031	129.4(19)	129.4221	97.0723
2521	52.5231	122.8(19)	125.1755	97.0278
2522	52.5431	118.7(19)	120.6285	96.9833
2523	52.5631	117.5(19)	116.3774	96.9388
2524	52.5830	115.8(18)	112.8275	96.8945
2525	52.6030	110.5(18)	110.1188	96.8500

2526	52.6232	107.6(18)	108.1667	96.8050
2527	52.6432	111.1(18)	106.8762	96.8278
2528	52.6634	111.7(18)	106.0700	96.8508
2529	52.6834	109.1(18)	105.8314	96.8736
2530	52.7033	112.3(18)	106.3144	96.8963
2531	52.7232	108.9(18)	107.6708	96.9190
2532	52.7432	109.0(18)	109.9433	96.9418
2533	52.7631	111.9(18)	113.0181	96.9644
2534	52.7832	115.4(18)	116.7089	96.9873
2535	52.8033	117.4(19)	120.7764	97.0102
2536	52.8234	125.6(19)	125.2154	97.0332
2537	52.8434	129.1(19)	129.9695	97.0559
2538	52.8634	132.4(20)	134.4250	97.0787
2539	52.8832	138(2)	137.1540	97.1013
2540	52.9032	129.2(19)	136.9217	97.1241
2541	52.9233	130.5(19)	133.9205	97.1470
2542	52.9433	128.8(19)	129.6997	97.1698
2543	52.9633	124.3(19)	125.6660	97.1926
2544	52.9833	122.3(19)	122.6158	97.2154
2545	53.0032	121.5(19)	121.2386	97.2381
2546	53.0233	119.4(19)	121.9963	97.2610
2547	53.0433	121.7(19)	124.8231	97.2838
2548	53.0631	128.6(19)	128.9655	97.3063
2549	53.0831	133.5(20)	133.0624	97.3291
2550	53.1031	129.1(19)	135.1685	97.3519
2551	53.1233	128.4(19)	134.0867	97.3749
2552	53.1434	127.1(19)	130.5428	97.3978
2553	53.1634	121.3(19)	126.3733	97.4206
2554	53.1834	119.8(19)	123.1386	97.4434
2555	53.2034	118.2(19)	121.6615	97.4662
2556	53.2234	114.6(18)	121.9710	97.4890
2557	53.2432	118.8(19)	123.6510	97.5116
2558	53.2633	118.3(19)	126.0389	97.5345
2559	53.2831	123.5(19)	128.3518	97.5570
2560	53.3032	120.7(19)	129.5681	97.5799
2561	53.3232	120.1(19)	128.7119	97.6027
2562	53.3433	116.8(19)	125.9169	97.6256
2563	53.3632	117.6(19)	122.2918	97.6483
2564	53.3832	116.1(18)	119.1360	97.6711
2565	53.4033	116.3(18)	117.3657	97.6940
2566	53.4233	115.3(18)	117.2097	97.7168
2567	53.4432	115.4(18)	118.2853	97.7395
2568	53.4632	119.5(19)	119.6453	97.7623
2569	53.4831	119.8(19)	120.2622	97.7850
2570	53.5032	119.7(19)	119.7910	97.8079
2571	53.5233	117.3(19)	118.2672	97.8308
2572	53.5433	113.8(18)	116.1887	97.8536
2573	53.5632	111.9(18)	114.0874	97.8762
2574	53.5834	111.4(18)	112.4063	97.8993
2575	53.6034	109.8(18)	111.3169	97.9221
2576	53.6234	111.7(18)	110.5870	97.9449
2577	53.6434	109.6(18)	109.9265	97.9676
2578	53.6632	113.5(18)	109.1388	97.9902
2579	53.6831	108.5(18)	108.2334	98.0129

2580	53.7032	108.8(18)	107.3959	98.0044
2581	53.7232	110.3(18)	106.8453	97.9958
2582	53.7432	111.6(18)	106.6504	97.9872
2583	53.7632	112.7(18)	106.7636	97.9786
2584	53.7832	110.9(18)	106.9083	97.9700
2585	53.8032	116.1(18)	106.9695	97.9614
2586	53.8233	116.2(18)	106.9209	97.9528
2587	53.8431	116.8(19)	106.8896	97.9443
2588	53.8631	116.6(19)	107.1327	97.9357
2589	53.8830	115.9(18)	107.8620	97.9271
2590	53.9031	114.8(18)	109.3072	97.9185
2591	53.9230	116.2(18)	111.6084	97.9099
2592	53.9430	118.9(19)	114.8605	97.9013
2593	53.9631	121.7(19)	118.9789	97.8927
2594	53.9832	120.1(19)	123.7277	97.8840
2595	54.0032	125.3(19)	128.6714	97.8754
2596	54.0231	131.6(20)	132.9398	97.8669
2597	54.0431	132.9(20)	135.5054	97.8583
2598	54.0632	134.0(20)	135.7691	97.8496
2599	54.0832	135.6(20)	133.9642	97.8410
2600	54.1031	127.1(19)	130.8015	97.8325
2601	54.1231	127.2(19)	127.0906	97.8239
2602	54.1429	124.4(19)	123.8003	97.8154
2603	54.1628	122.3(19)	121.9080	97.8068
2604	54.1829	127.7(19)	122.0122	97.7982
2605	54.2030	129.1(19)	124.2960	97.7895
2606	54.2230	129.4(20)	128.1889	97.7809
2607	54.2430	135.0(20)	132.8172	97.7723
2608	54.2630	137(2)	137.0202	97.7637
2609	54.2830	139(2)	139.7771	97.7551
2610	54.3030	140(2)	140.8700	97.7466
2611	54.3230	144(2)	140.7058	97.7380
2612	54.3430	144(2)	139.4502	97.7294
2613	54.3630	141(2)	136.7192	97.7208
2614	54.3829	135.1(20)	132.3633	97.7122
2615	54.4032	134.8(20)	127.1711	97.7035
2616	54.4232	129.3(19)	122.4950	97.6949
2617	54.4434	121.3(19)	119.0801	97.6862
2618	54.4634	119.3(19)	117.3822	97.6776
2619	54.4834	123.0(19)	117.3418	97.6690
2620	54.5034	121.2(19)	118.8448	97.6604
2621	54.5233	122.0(19)	122.0524	97.6518
2622	54.5434	128.2(19)	127.5489	97.6432
2623	54.5631	135.8(20)	135.5060	97.6347
2624	54.5831	143(2)	145.8951	97.6261
2625	54.6032	157(2)	157.1651	97.6175
2626	54.6232	164(2)	166.5676	97.6089
2627	54.6432	170(2)	170.9515	97.6003
2628	54.6632	169(2)	168.6245	97.5917
2629	54.6831	162(2)	161.0817	97.5832
2630	54.7031	154(2)	151.6119	97.5746
2631	54.7229	148(2)	143.1456	97.5660
2632	54.7430	140(2)	137.0700	97.5574
2633	54.7629	137(2)	134.1316	97.5488

2634	54.7830	135(2)	134.1727	97.4880
2635	54.8030	134.8(20)	136.6968	97.4133
2636	54.8231	149(2)	140.4543	97.3383
2637	54.8432	148(2)	143.4278	97.2633
2638	54.8632	150(2)	143.6791	97.1886
2639	54.8832	149(2)	140.9675	97.1139
2640	54.9033	147(2)	136.7035	97.0389
2641	54.9234	142(2)	132.5542	96.9639
2642	54.9434	141(2)	129.6212	96.8892
2643	54.9634	141(2)	128.2975	96.8145
2644	54.9835	142(2)	128.5716	96.7395
2645	55.0035	143(2)	130.9476	96.6648
2646	55.0234	142(2)	136.3412	96.5905
2647	55.0435	152(2)	145.7964	96.5155
2648	55.0633	160(2)	159.2193	96.4416
2649	55.0832	176(2)	175.5579	96.3673
2650	55.1032	187(2)	191.9521	96.2926
2651	55.1233	196(2)	204.4653	96.2176
2652	55.1434	201(2)	209.9970	96.1425
2653	55.1634	201(2)	209.0281	96.0679
2654	55.1833	195(2)	203.8141	95.9936
2655	55.2032	183(2)	195.6321	95.9193
2656	55.2232	173(2)	184.4203	95.8446
2657	55.2431	167(2)	170.8787	95.7703
2658	55.2630	153(2)	157.0074	95.6961
2659	55.2830	138(2)	144.8369	95.6214
2660	55.3031	131.3(20)	135.6163	95.5463
2661	55.3231	129.3(20)	129.8637	95.4717
2662	55.3431	124.1(19)	127.2144	95.3970
2663	55.3632	127.3(19)	127.1225	95.3220
2664	55.3832	124.6(19)	128.9850	95.2473
2665	55.4034	126.1(19)	132.1426	95.1719
2666	55.4232	127.0(19)	135.4301	95.0980
2667	55.4431	129.0(20)	137.3933	95.0237
2668	55.4632	132.8(20)	136.6732	94.9487
2669	55.4832	127.3(19)	132.9615	94.8740
2670	55.5033	123.8(19)	127.2852	94.7990
2671	55.5231	120.4(19)	121.3347	94.7250
2672	55.5432	121.3(19)	116.0816	94.6500
2673	55.5633	114.7(18)	112.2299	94.5750
2674	55.5833	115.2(18)	109.9086	94.5003
2675	55.6033	110.4(18)	108.8386	94.4256
2676	55.6233	114.9(18)	108.6217	94.3510
2677	55.6432	109.0(18)	108.8330	94.3007
2678	55.6631	110.4(18)	109.4739	94.2743
2679	55.6833	111.7(18)	110.8032	94.2475
2680	55.7032	113.2(18)	113.0094	94.2211
2681	55.7232	114.7(18)	116.0899	94.1945
2682	55.7432	119.8(19)	119.4644	94.1680
2683	55.7632	123.1(19)	122.3707	94.1414
2684	55.7833	125.3(19)	124.2308	94.1147
2685	55.8033	124.3(19)	125.0496	94.0882
2686	55.8232	121.6(19)	125.4676	94.0617
2687	55.8431	119.6(19)	125.8051	94.0353

2688	55.8631	122.2(19)	126.2493	94.0088
2689	55.8831	125.2(19)	126.8720	93.9822
2690	55.9030	123.8(19)	127.8105	93.9558
2691	55.9231	125.6(19)	129.4524	93.9291
2692	55.9432	128.6(19)	132.3626	93.9024
2693	55.9632	134.1(20)	136.9152	93.8759
2694	55.9832	140(2)	142.9327	93.8493
2695	56.0031	147(2)	149.1848	93.8229
2696	56.0231	153(2)	153.9398	93.7963
2697	56.0430	151(2)	155.1970	93.7699
2698	56.0631	148(2)	152.3295	93.7432
2699	56.0830	142(2)	146.9745	93.7168
2700	56.1030	135.4(20)	141.3255	93.6903
2701	56.1231	133.7(20)	137.0663	93.6636
2702	56.1429	131.9(20)	134.9977	93.6373
2703	56.1631	131.0(20)	134.7669	93.6105
2704	56.1831	137(2)	135.2188	93.5839
2705	56.2032	133.4(20)	134.6428	93.5572
2706	56.2232	133.2(20)	131.9554	93.5307
2707	56.2433	128.2(19)	127.9279	93.5040
2708	56.2632	124.7(19)	124.0284	93.4776
2709	56.2831	124.0(19)	121.3495	93.4511
2710	56.3032	120.3(19)	120.3678	93.4245
2711	56.3232	121.1(19)	120.9201	93.3979
2712	56.3432	123.8(19)	122.4071	93.3713
2713	56.3631	129.2(20)	123.7544	93.3449
2714	56.3830	129.9(20)	123.9770	93.3185
2715	56.4030	128.3(19)	122.7939	93.2919
2716	56.4232	126.8(19)	120.7391	93.2651
2717	56.4433	124.1(19)	118.4917	93.2384
2718	56.4632	122.7(19)	116.5633	93.2120
2719	56.4832	117.8(19)	115.3591	93.1855
2720	56.5031	116.9(18)	115.2571	93.1590
2721	56.5231	119.3(19)	116.5454	93.1325
2722	56.5431	117.4(19)	119.4566	93.1059
2723	56.5631	123.7(19)	124.0865	93.0794
2724	56.5830	125.4(19)	130.2046	93.0530
2725	56.6031	131.4(20)	137.1083	93.0263
2726	56.6232	140(2)	143.8052	92.9996
2727	56.6432	151(2)	149.7407	92.9730
2728	56.6634	154(2)	155.0972	92.9462
2729	56.6834	158(2)	159.4263	92.9197
2730	56.7033	158(2)	161.3110	92.8932
2731	56.7232	157(2)	159.5221	92.8668
2732	56.7432	152(2)	154.9372	92.8403
2733	56.7632	152(2)	150.0162	92.8137
2734	56.7832	138(2)	146.4222	92.7872
2735	56.8034	137(2)	144.1092	92.7603
2736	56.8234	130.2(20)	141.5963	92.7338
2737	56.8434	129.0(20)	137.2049	92.7072
2738	56.8634	124.8(19)	130.9183	92.6807
2739	56.8832	116.4(18)	123.9656	92.6544
2740	56.9033	113.2(18)	117.3782	92.6277
2741	56.9232	108.2(18)	112.0697	92.6013

2742	56.9433	108.7(18)	108.2705	92.5746
2743	56.9632	107.4(18)	106.0066	92.5482
2744	56.9834	104.2(17)	104.9213	92.5214
2745	57.0032	104.0(17)	104.7058	92.5136
2746	57.0233	101.1(17)	105.0653	92.5181
2747	57.0433	105.7(18)	105.7666	92.5225
2748	57.0632	105.4(18)	106.6975	92.5268
2749	57.0831	107.0(18)	108.0583	92.5312
2750	57.1032	112.7(18)	110.1719	92.5356
2751	57.1232	112.4(18)	113.1766	92.5400
2752	57.1434	118.3(19)	116.9991	92.5445
2753	57.1634	118.5(19)	120.7543	92.5489
2754	57.1835	126.0(19)	123.5753	92.5533
2755	57.2034	126.1(19)	124.9075	92.5577
2756	57.2234	124.9(19)	124.8553	92.5621
2757	57.2432	125.5(19)	123.7119	92.5665
2758	57.2633	120.8(19)	121.4804	92.5709
2759	57.2832	118.7(19)	118.3862	92.5753
2760	57.3031	115.2(18)	114.9593	92.5796
2761	57.3232	112.4(18)	111.8320	92.5841
2762	57.3433	112.0(18)	109.3224	92.5885
2763	57.3632	107.1(18)	107.4864	92.5929
2764	57.3832	102.6(17)	106.1460	92.5973
2765	57.4033	104.3(18)	105.1304	92.6017
2766	57.4233	103.8(18)	104.3104	92.6061
2767	57.4432	105.6(18)	103.6780	92.6105
2768	57.4632	104.8(18)	103.2666	92.6149
2769	57.4832	106.1(18)	103.1026	92.6193
2770	57.5032	107.5(18)	103.1637	92.6237
2771	57.5232	103.2(17)	103.4815	92.6281
2772	57.5434	102.6(17)	104.1184	92.6325
2773	57.5633	104.9(18)	105.1390	92.6369
2774	57.5834	105.2(18)	106.8218	92.6413
2775	57.6034	109.3(18)	109.5330	92.6457
2776	57.6234	114.6(18)	113.7244	92.6501
2777	57.6432	115.3(19)	119.5218	92.6545
2778	57.6633	125.4(19)	126.8085	92.6589
2779	57.6831	131.1(20)	134.3960	92.6633
2780	57.7032	133.8(20)	140.7121	92.6677
2781	57.7232	144(2)	143.4514	92.6721
2782	57.7432	144(2)	141.7195	92.6765
2783	57.7631	138(2)	136.6492	92.6809
2784	57.7832	137(2)	130.1696	92.6853
2785	57.8033	130.2(20)	124.1765	92.6897
2786	57.8232	119.5(19)	120.0647	92.6941
2787	57.8431	118.8(19)	118.4455	92.6985
2788	57.8630	118.0(19)	119.1796	92.7028
2789	57.8830	121.3(19)	121.6257	92.7072
2790	57.9031	120.9(19)	124.8667	92.7117
2791	57.9230	122.2(19)	127.7446	92.7160
2792	57.9431	121.9(19)	129.1580	92.7205
2793	57.9631	124.3(19)	128.5579	92.7249
2794	57.9832	121.3(19)	126.5474	92.7293
2795	58.0031	121.2(19)	123.9930	92.7337

2796	58.0231	119.2(19)	121.6950	92.7381
2797	58.0431	117.7(19)	120.3215	92.7425
2798	58.0632	115.7(18)	120.3419	92.7469
2799	58.0832	121.1(19)	121.9275	92.7513
2800	58.1031	118.9(19)	124.9048	92.7557
2801	58.1230	123.5(19)	128.8429	92.7601
2802	58.1429	122.2(19)	133.3234	92.7644
2803	58.1629	126.6(19)	138.0620	92.7688
2804	58.1829	132.1(20)	142.7857	92.7732
2805	58.2030	139(2)	147.4114	92.7777
2806	58.2230	146(2)	151.7128	92.7821
2807	58.2430	150(2)	154.7467	92.7865
2808	58.2630	149(2)	155.1120	92.7909
2809	58.2830	155(2)	152.4564	92.7953
2810	58.3030	147(2)	147.6072	92.7997
2811	58.3230	143(2)	141.6294	92.8041
2812	58.3430	140(2)	135.6767	92.8085
2813	58.3629	130.5(20)	130.8808	92.8128
2814	58.3830	127.1(19)	127.7003	92.8173
2815	58.4031	124.8(19)	126.1207	92.8217
2816	58.4232	124.4(19)	125.6571	92.8261
2817	58.4434	122.9(19)	125.8419	92.8306
2818	58.4634	124.5(19)	126.3071	92.8350
2819	58.4833	121.7(19)	126.5863	92.8393
2820	58.5034	126.2(19)	126.0318	92.8438
2821	58.5233	120.2(19)	124.3858	92.8481
2822	58.5433	118.2(19)	121.8654	92.8590
2823	58.5632	115.0(18)	118.8583	92.8714
2824	58.5830	111.0(18)	115.5690	92.8838
2825	58.6032	109.9(18)	112.0983	92.8963
2826	58.6232	108.4(18)	108.8975	92.9088
2827	58.6432	104.6(18)	106.3064	92.9213
2828	58.6631	105.0(18)	104.5976	92.9337
2829	58.6832	104.4(18)	103.8347	92.9462
2830	58.7031	100.4(17)	103.9565	92.9586
2831	58.7229	106.1(18)	104.7793	92.9709
2832	58.7429	103.6(17)	105.8284	92.9834
2833	58.7629	102.1(17)	106.7385	92.9958
2834	58.7830	105.3(18)	107.2827	93.0084
2835	58.8031	103.5(17)	107.4653	93.0209
2836	58.8231	103.9(18)	107.3697	93.0333
2837	58.8431	102.4(17)	107.0211	93.0458
2838	58.8632	102.1(17)	106.3465	93.0583
2839	58.8832	99.9(17)	105.5584	93.0708
2840	58.9033	100.7(17)	104.8343	93.0833
2841	58.9234	106.4(18)	104.4717	93.0958
2842	58.9433	102.3(17)	104.6914	93.1082
2843	58.9634	103.5(18)	105.4049	93.1208
2844	58.9834	104.2(18)	106.5813	93.1332
2845	59.0035	106.7(18)	108.0498	93.1457
2846	59.0235	105.6(18)	109.6238	93.1582
2847	59.0435	109.2(18)	111.2425	93.1706
2848	59.0632	110.7(18)	112.7255	93.1829
2849	59.0832	109.6(18)	113.6948	93.1954

2850	59.1032	107.0(18)	113.6742	93.2078
2851	59.1232	114.0(18)	112.5308	93.2203
2852	59.1433	110.5(18)	110.7950	93.2328
2853	59.1633	109.8(18)	109.2548	93.2453
2854	59.1832	110.3(18)	108.5218	93.2577
2855	59.2033	111.8(18)	108.9080	93.2702
2856	59.2232	113.5(18)	110.4185	93.2826
2857	59.2431	116.9(19)	112.7341	93.2950
2858	59.2630	118.7(19)	115.2795	93.3074
2859	59.2829	121.0(19)	117.0251	93.3198
2860	59.3031	120.0(19)	117.2728	93.3324
2861	59.3231	119.4(19)	115.9774	93.3448
2862	59.3431	119.3(19)	113.8533	93.3573
2863	59.3632	121.5(19)	111.5660	93.3698
2864	59.3832	118.2(19)	109.6705	93.3823
2865	59.4032	115.4(18)	108.5418	93.3947
2866	59.4233	115.6(19)	108.3315	93.4073
2867	59.4431	114.6(18)	109.2060	93.4196
2868	59.4634	117.5(19)	111.3625	93.4322
2869	59.4831	119.9(19)	114.7117	93.4445
2870	59.5032	121.8(19)	119.2038	93.4570
2871	59.5231	124.8(19)	124.0767	93.4694
2872	59.5432	128.3(19)	128.3335	93.4820
2873	59.5634	128.6(19)	130.8036	93.4945
2874	59.5833	129.7(20)	131.0837	93.5069
2875	59.6033	122.2(19)	129.5868	93.5194
2876	59.6232	128.7(19)	126.8740	93.5318
2877	59.6432	121.8(19)	123.4760	93.5443
2878	59.6632	114.5(18)	120.0321	93.5604
2879	59.6832	112.0(18)	116.9898	93.5781
2880	59.7032	111.7(18)	114.6071	93.5958
2881	59.7232	111.2(18)	113.0563	93.6135
2882	59.7432	109.4(18)	112.6675	93.6312
2883	59.7632	110.3(18)	113.9746	93.6489
2884	59.7832	116.0(18)	117.4741	93.6666
2885	59.8033	119.2(19)	123.3907	93.6844
2886	59.8232	125.5(19)	131.3310	93.7021
2887	59.8431	128.3(19)	140.1465	93.7197
2888	59.8631	139(2)	147.7801	93.7374
2889	59.8831	142(2)	151.6472	93.7551
2890	59.9031	142(2)	150.5478	93.7728
2891	59.9231	140(2)	146.0054	93.7905
2892	59.9432	135(2)	140.8604	93.8083
2893	59.9632	134.3(20)	137.6198	93.8260
2894	59.9831	138(2)	137.6144	93.8437
2895	60.0032	137(2)	141.0376	93.8615
2896	60.0231	147(2)	146.9781	93.8791
2897	60.0431	154(2)	153.9989	93.8968
2898	60.0630	158(2)	160.3482	93.9144
2899	60.0831	161(2)	163.7499	93.9322
2900	60.1030	156(2)	162.0133	93.9498
2901	60.1231	157(2)	154.8658	93.9676
2902	60.1430	146(2)	144.6474	93.9853
2903	60.1630	137(2)	133.9837	94.0030

2904	60.1832	127.2(19)	124.7929	94.0209
2905	60.2032	120.7(19)	118.1575	94.0386
2906	60.2233	118.7(19)	114.0913	94.0564
2907	60.2432	113.2(18)	112.2897	94.0740
2908	60.2632	114.8(18)	112.3736	94.0917
2909	60.2832	113.9(18)	114.0872	94.1094
2910	60.3032	116.7(19)	117.1777	94.1271
2911	60.3233	118.5(19)	121.4910	94.1449
2912	60.3432	126.1(19)	126.7620	94.1625
2913	60.3630	134.7(20)	132.8613	94.1801
2914	60.3830	140(2)	139.6767	94.1978
2915	60.4031	147(2)	146.5530	94.2156
2916	60.4232	156(2)	152.1952	94.2334
2917	60.4432	153(2)	154.8823	94.2511
2918	60.4633	154(2)	153.3446	94.2689
2919	60.4832	148(2)	148.1031	94.2865
2920	60.5031	145(2)	141.1455	94.3041
2921	60.5231	135.9(20)	134.2953	94.3218
2922	60.5431	129.9(20)	128.4351	94.3395
2923	60.5631	120.5(19)	123.7464	94.3572
2924	60.5830	117.8(19)	119.9957	94.3749
2925	60.6031	113.6(18)	116.8812	94.3927
2926	60.6232	111.9(18)	114.4166	94.4105
2927	60.6432	110.5(18)	112.7113	94.4282
2928	60.6633	106.2(18)	111.7579	94.4460
2929	60.6835	113.7(18)	111.4132	94.4639
2930	60.7032	109.2(18)	111.4127	94.4813
2931	60.7233	113.0(18)	111.5186	94.4991
2932	60.7432	109.1(18)	111.6359	94.5167
2933	60.7631	108.4(18)	111.5677	94.5343
2934	60.7832	110.1(18)	111.1543	94.5521
2935	60.8034	110.5(18)	110.3313	94.5700
2936	60.8234	108.9(18)	109.3788	94.5877
2937	60.8434	111.3(18)	108.6534	94.6054
2938	60.8633	110.1(18)	108.5056	94.6231
2939	60.8832	114.0(18)	109.1574	94.6407
2940	60.9033	111.4(18)	110.6161	94.6565
2941	60.9234	113.6(18)	112.5432	94.6714
2942	60.9432	112.8(18)	114.2555	94.6861
2943	60.9632	113.4(18)	115.1136	94.7009
2944	60.9834	110.0(18)	114.7826	94.7159
2945	61.0033	115.2(18)	113.5816	94.7306
2946	61.0233	111.0(18)	112.0703	94.7455
2947	61.0433	113.6(18)	110.7631	94.7603
2948	61.0632	115.2(19)	109.8470	94.7751
2949	61.0831	112.6(18)	109.4999	94.7898
2950	61.1032	114.0(18)	109.6773	94.8047
2951	61.1232	112.7(18)	110.4515	94.8196
2952	61.1434	118.2(19)	111.9164	94.8346
2953	61.1634	115.5(19)	114.2235	94.8494
2954	61.1835	115.3(18)	117.6432	94.8643
2955	61.2034	122.8(19)	122.2935	94.8791
2956	61.2233	121.7(19)	128.2164	94.8938
2957	61.2433	128.7(20)	135.1981	94.9087

2958	61.2633	126.2(19)	142.5191	94.9235
2959	61.2831	139(2)	149.3872	94.9382
2960	61.3032	143(2)	155.1526	94.9531
2961	61.3232	146(2)	158.9590	94.9679
2962	61.3432	145(2)	159.8265	94.9828
2963	61.3634	150(2)	157.2134	94.9978
2964	61.3832	148(2)	152.0614	95.0125
2965	61.4033	142(2)	145.6455	95.0274
2966	61.4233	136(2)	139.4170	95.0422
2967	61.4432	133.0(20)	134.5330	95.0570
2968	61.4632	132.7(20)	131.6958	95.0718
2969	61.4832	129.3(20)	131.0406	95.0866
2970	61.5032	131.0(20)	132.0207	95.1015
2971	61.5232	134.9(20)	133.5775	95.1163
2972	61.5433	135(2)	134.4904	95.1312
2973	61.5634	132.5(20)	133.7746	95.1461
2974	61.5834	131.2(20)	131.2897	95.1610
2975	61.6035	126.1(19)	127.6707	95.1759
2976	61.6234	127.6(19)	123.9962	95.1906
2977	61.6433	124.6(19)	121.1246	95.2054
2978	61.6632	121.1(19)	119.4935	95.2202
2979	61.6832	116.4(19)	119.2486	95.2350
2980	61.7032	116.8(19)	119.9163	95.2498
2981	61.7232	118.9(19)	120.8357	95.2647
2982	61.7431	117.5(19)	121.4268	95.2794
2983	61.7632	119.7(19)	121.6341	95.2943
2984	61.7832	115.7(19)	121.7941	95.3092
2985	61.8034	121.4(19)	122.3757	95.3242
2986	61.8231	118.6(19)	123.5004	95.3388
2987	61.8431	121.3(19)	124.8699	95.3536
2988	61.8631	125.5(19)	125.8025	95.3684
2989	61.8830	121.2(19)	125.7576	95.3832
2990	61.9031	125.8(19)	124.6288	95.3981
2991	61.9230	124.1(19)	122.6118	95.4129
2992	61.9430	120.5(19)	119.9004	95.4277
2993	61.9632	117.1(19)	116.6388	95.4427
2994	61.9831	116.9(19)	113.2906	95.4575
2995	62.0032	109.4(18)	110.2798	95.4724
2996	62.0231	107.8(18)	107.9902	95.4871
2997	62.0431	108.3(18)	106.4952	95.5020
2998	62.0632	103.8(18)	105.7671	95.5169
2999	62.0832	105.5(18)	105.7880	95.5317
3000	62.1031	101.7(17)	106.4809	95.5465
3001	62.1230	104.6(18)	107.7557	95.5534
3002	62.1429	105.4(18)	109.5319	95.5568
3003	62.1629	109.7(18)	111.7673	95.5602
3004	62.1829	108.5(18)	114.4058	95.5636
3005	62.2030	117.9(19)	117.3631	95.5670
3006	62.2230	114.9(18)	120.3763	95.5704
3007	62.2430	118.8(19)	123.1867	95.5738
3008	62.2629	126.8(19)	125.5729	95.5772
3009	62.2830	126.1(19)	127.3023	95.5807
3010	62.3030	129.4(20)	128.1039	95.5841
3011	62.3230	131.6(20)	127.9847	95.5875

3012	62.3430	130.8(20)	127.1343	95.5909
3013	62.3629	127.1(19)	125.7709	95.5943
3014	62.3829	127.5(19)	124.0905	95.5977
3015	62.4032	126.5(19)	122.2462	95.6012
3016	62.4232	128.0(19)	120.5091	95.6046
3017	62.4434	121.7(19)	119.0401	95.6080
3018	62.4633	123.5(19)	118.0655	95.6114
3019	62.4834	121.7(19)	117.6090	95.6148
3020	62.5034	121.2(19)	117.5833	95.6182
3021	62.5232	116.6(18)	117.7410	95.6216
3022	62.5433	118.9(19)	117.8173	95.6251
3023	62.5631	118.3(19)	117.5698	95.6284
3024	62.5831	113.6(18)	116.9109	95.6318
3025	62.6031	111.6(18)	115.9872	95.6353
3026	62.6232	116.3(19)	115.0242	95.6387
3027	62.6431	115.6(19)	114.0376	95.6421
3028	62.6631	111.8(18)	113.1550	95.6455
3029	62.6831	109.6(18)	112.4454	95.6489
3030	62.7031	113.8(18)	112.1242	95.6523
3031	62.7229	112.3(18)	112.3005	95.6557
3032	62.7430	114.6(18)	112.9753	95.6591
3033	62.7629	115.6(19)	113.8066	95.6625
3034	62.7830	113.9(18)	114.4931	95.6659
3035	62.8031	112.1(18)	114.7745	95.6694
3036	62.8231	113.4(18)	114.7590	95.6728
3037	62.8431	114.6(18)	114.7573	95.6762
3038	62.8632	112.9(18)	115.1277	95.6796
3039	62.8832	111.8(18)	116.0238	95.6830
3040	62.9033	113.0(18)	117.4075	95.6865
3041	62.9234	116.4(19)	118.9527	95.6899
3042	62.9432	116.1(19)	120.0360	95.6933
3043	62.9635	118.2(19)	120.1857	95.6967
3044	62.9834	118.7(19)	119.3968	95.7001
3045	63.0035	118.6(19)	118.1205	95.7036
3046	63.0234	115.5(18)	116.8598	95.7069
3047	63.0434	114.2(18)	115.8551	95.7104
3048	63.0632	114.6(18)	115.1596	95.7137
3049	63.0832	112.8(18)	114.5962	95.7171
3050	63.1032	111.4(18)	114.0774	95.7206
3051	63.1233	111.0(18)	113.4419	95.7240
3052	63.1433	110.8(18)	112.5205	95.7274
3053	63.1632	110.6(18)	111.2592	95.7308
3054	63.1834	108.6(18)	109.7584	95.7342
3055	63.2032	110.6(18)	108.2721	95.7376
3056	63.2232	105.6(18)	106.9134	95.7410
3057	63.2431	105.8(18)	105.8774	95.7444
3058	63.2630	107.3(18)	105.1767	95.7478
3059	63.2829	102.9(17)	104.7994	95.7512
3060	63.3031	101.9(17)	104.7212	95.7547
3061	63.3231	105.3(18)	104.8805	95.7581
3062	63.3432	106.9(18)	105.1606	95.7615
3063	63.3631	107.5(18)	105.3820	95.7649
3064	63.3832	107.0(18)	105.4445	95.7683
3065	63.4033	107.3(18)	105.3987	95.7718

3066	63.4233	106.8(18)	105.3993	95.7752
3067	63.4432	105.1(18)	105.6066	95.7862
3068	63.4632	109.3(18)	106.0990	95.7998
3069	63.4832	104.4(18)	106.8948	95.8134
3070	63.5032	108.4(18)	107.9172	95.8270
3071	63.5231	105.7(18)	108.9070	95.8406
3072	63.5432	104.4(18)	109.6087	95.8542
3073	63.5633	103.4(18)	109.8542	95.8679
3074	63.5834	105.0(18)	109.7137	95.8816
3075	63.6032	103.1(18)	109.4897	95.8951
3076	63.6232	104.2(18)	109.3505	95.9087
3077	63.6432	109.2(18)	109.3923	95.9223
3078	63.6632	101.4(17)	109.5359	95.9359
3079	63.6831	105.4(18)	109.7343	95.9494
3080	63.7032	105.9(18)	110.0196	95.9631
3081	63.7232	112.0(18)	110.5516	95.9767
3082	63.7432	109.5(18)	111.4307	95.9903
3083	63.7632	110.0(18)	112.6791	96.0039
3084	63.7832	112.7(18)	114.1356	96.0175
3085	63.8033	114.9(18)	115.5203	96.0312
3086	63.8232	114.6(18)	116.6594	96.0448
3087	63.8432	116.0(19)	117.5110	96.0584
3088	63.8631	117.6(19)	118.0306	96.0719
3089	63.8830	121.0(19)	118.2484	96.0855
3090	63.9031	115.5(19)	118.2730	96.0991
3091	63.9232	116.6(19)	118.2613	96.1128
3092	63.9432	116.7(19)	118.4765	96.1264
3093	63.9631	116.3(19)	119.0569	96.1400
3094	63.9832	120.3(19)	120.0900	96.1536
3095	64.0032	124.8(19)	121.4838	96.1672
3096	64.0231	124.3(19)	123.0036	96.1808
3097	64.0430	127.0(19)	124.1891	96.1943
3098	64.0630	125.4(19)	124.4630	96.2079
3099	64.0830	125.5(19)	123.4915	96.2215
3100	64.1031	119.2(19)	121.3199	96.2352
3101	64.1231	122.4(19)	118.5488	96.2488
3102	64.1429	121.2(19)	115.8014	96.2623
3103	64.1630	116.3(19)	113.5237	96.2760
3104	64.1832	114.8(19)	112.0392	96.2897
3105	64.2032	111.7(18)	111.3995	96.3033
3106	64.2234	113.2(18)	111.5070	96.3171
3107	64.2432	116.9(19)	112.2112	96.3305
3108	64.2632	115.8(19)	113.4577	96.3442
3109	64.2832	116.0(19)	115.2656	96.3578
3110	64.3032	120.8(19)	117.7090	96.3714
3111	64.3233	117.9(19)	120.7705	96.3850
3112	64.3431	125.5(19)	124.0204	96.3985
3113	64.3630	126.9(20)	126.8411	96.4121
3114	64.3831	127.2(20)	128.4551	96.4291
3115	64.4031	126.3(19)	128.4901	96.4495
3116	64.4231	125.5(19)	127.3158	96.4699
3117	64.4432	124.0(19)	125.6230	96.4903
3118	64.4634	122.2(19)	123.9559	96.5109
3119	64.4831	121.8(19)	122.6443	96.5310

3120	64.5032	119.4(19)	121.5045	96.5515
3121	64.5231	113.9(18)	120.3321	96.5718
3122	64.5431	116.8(19)	118.9527	96.5922
3123	64.5630	116.4(19)	117.5578	96.6124
3124	64.5831	117.3(19)	116.5252	96.6329
3125	64.6031	114.9(19)	116.2523	96.6533
3126	64.6232	116.9(19)	116.9697	96.6738
3127	64.6432	116.6(19)	118.6721	96.6942
3128	64.6634	117.6(19)	121.1280	96.7148
3129	64.6834	120.5(19)	123.7156	96.7352
3130	64.7033	120.3(19)	125.7480	96.7555
3131	64.7232	125.9(19)	126.9089	96.7757
3132	64.7432	122.5(19)	127.4817	96.7961
3133	64.7631	122.7(19)	127.8943	96.8164
3134	64.7833	131.4(20)	128.1347	96.8370
3135	64.8033	128.5(20)	127.7313	96.8574
3136	64.8234	122.5(19)	126.2264	96.8779
3137	64.8434	122.9(19)	123.7861	96.8983
3138	64.8633	121.3(19)	120.9792	96.9185
3139	64.8832	119.9(19)	118.6133	96.9388
3140	64.9033	118.7(19)	117.3356	96.9593
3141	64.9234	116.8(19)	117.5965	96.9798
3142	64.9432	120.6(19)	119.5583	97.0000
3143	64.9633	121.9(19)	123.2104	97.0205
3144	64.9833	133(2)	128.1009	97.0409
3145	65.0033	129.3(20)	133.4452	97.0612
3146	65.0234	141(2)	138.3335	97.0817
3147	65.0432	143(2)	141.8624	97.1019
3148	65.0631	147(2)	143.4660	97.1222
3149	65.0831	141(2)	142.9781	97.1426
3150	65.1032	142(2)	141.2053	97.1631
3151	65.1233	138(2)	139.1734	97.1835
3152	65.1434	135(2)	137.1786	97.2040
3153	65.1634	128.9(20)	134.8342	97.2244
3154	65.1835	127.6(19)	131.7159	97.2449
3155	65.2034	124.0(19)	128.0318	97.2652
3156	65.2234	117.4(19)	124.3979	97.2856
3157	65.2433	121.9(19)	121.5420	97.3059
3158	65.2633	116.8(19)	119.8733	97.3262
3159	65.2831	115.7(19)	119.5506	97.3464
3160	65.3032	117.3(19)	120.4939	97.3669
3161	65.3232	120.9(19)	122.3308	97.3873
3162	65.3434	123.1(19)	124.4960	97.4079
3163	65.3633	127.3(20)	126.4367	97.4282
3164	65.3833	125.9(20)	128.0251	97.4486
3165	65.4033	124.2(19)	129.2169	97.4689
3166	65.4234	125.7(19)	129.6180	97.4894
3167	65.4432	129.5(20)	128.6681	97.5096
3168	65.4632	124.5(19)	126.1431	97.5300
3169	65.4832	124.5(19)	122.5482	97.5504
3170	65.5032	117.2(19)	118.6994	97.5708
3171	65.5234	116.0(19)	115.1480	97.5790
3172	65.5432	113.1(18)	112.2716	97.5693
3173	65.5634	114.6(18)	109.9921	97.5594

3174	65.5835	108.8(18)	108.3511	97.5496
3175	65.6034	107.3(18)	107.2468	97.5399
3176	65.6234	107.0(18)	106.5670	97.5301
3177	65.6434	107.1(18)	106.3172	97.5203
3178	65.6632	107.0(18)	106.5456	97.5107
3179	65.6832	105.6(18)	107.3375	97.5009
3180	65.7032	108.5(18)	108.7378	97.4911
3181	65.7232	111.2(18)	110.7384	97.4813
3182	65.7432	110.5(18)	113.3879	97.4716
3183	65.7632	115.3(19)	116.5570	97.4618
3184	65.7832	116.7(19)	120.1755	97.4520
3185	65.8033	125.6(19)	124.2811	97.4422
3186	65.8232	124.6(19)	128.8209	97.4325
3187	65.8431	128.3(20)	133.7276	97.4227
3188	65.8631	132.4(20)	138.7974	97.4130
3189	65.8830	140(2)	143.8867	97.4032
3190	65.9030	146(2)	149.1963	97.3935
3191	65.9230	150(2)	154.6689	97.3837
3192	65.9431	160(2)	159.3127	97.3739
3193	65.9631	161(2)	161.0730	97.3641
3194	65.9832	160(2)	158.1875	97.3543
3195	66.0031	156(2)	150.9957	97.3446
3196	66.0231	149(2)	141.6418	97.3348
3197	66.0431	140(2)	132.5718	97.3250
3198	66.0632	136(2)	125.3403	97.3152
3199	66.0832	124.9(19)	120.6470	97.3054
3200	66.1031	121.0(19)	118.2652	97.2957
3201	66.1230	116.6(19)	117.5187	97.2859
3202	66.1430	119.4(19)	117.5830	97.2762
3203	66.1628	121.8(19)	117.7725	97.2665
3204	66.1829	116.8(19)	117.7697	97.2567
3205	66.2029	119.9(19)	117.5531	97.2469
3206	66.2230	117.7(19)	117.2808	97.2371
3207	66.2430	118.1(19)	117.0212	97.2273
3208	66.2629	117.3(19)	116.9100	97.2176
3209	66.2830	117.4(19)	116.9757	97.2078
3210	66.3030	115.6(19)	117.1149	97.1980
3211	66.3230	116.3(19)	117.0846	97.1882
3212	66.3430	116.1(19)	116.7316	97.1784
3213	66.3629	114.4(18)	116.1312	97.1687
3214	66.3830	117.2(19)	115.5747	97.1589
3215	66.4031	115.2(19)	115.3141	97.1491
3216	66.4232	113.5(18)	115.4267	97.1392
3217	66.4434	108.6(18)	115.6921	97.1294
3218	66.4634	116.4(19)	115.8659	97.1196
3219	66.4834	116.5(19)	115.8287	97.1098
3220	66.5034	117.2(19)	115.5922	97.0749
3221	66.5232	113.5(18)	115.1816	97.0245
3222	66.5433	113.1(18)	114.5155	96.9732
3223	66.5631	107.9(18)	113.5388	96.9228
3224	66.5831	108.1(18)	112.3595	96.8718
3225	66.6032	106.1(18)	111.2791	96.8206
3226	66.6232	111.2(18)	110.6044	96.7696
3227	66.6432	107.6(18)	110.5870	96.7186

3228	66.6631	109.2(18)	111.3444	96.6679
3229	66.6831	108.5(18)	113.0231	96.6169
3230	66.7030	115.0(19)	115.6211	96.5662
3231	66.7230	115.7(19)	118.9121	96.5152
3232	66.7429	120.6(19)	122.3935	96.4645
3233	66.7629	127.7(20)	125.4244	96.4136
3234	66.7830	128.1(19)	127.2169	96.3623
3235	66.8031	128.5(20)	127.3144	96.3111
3236	66.8231	130.6(20)	125.8652	96.2601
3237	66.8431	126.8(19)	123.4422	96.2092
3238	66.8632	122.7(19)	120.6140	96.1579
3239	66.8832	117.9(19)	117.9187	96.1069
3240	66.9033	114.9(19)	115.7214	96.0557
3241	66.9233	114.8(19)	114.1507	96.0048
3242	66.9434	109.2(18)	113.0648	95.9535
3243	66.9634	109.1(18)	112.2246	95.9025
3244	66.9834	104.9(18)	111.4243	95.8516
3245	67.0035	106.4(18)	110.6286	95.8004
3246	67.0235	106.1(18)	109.8103	95.7494
3247	67.0434	108.2(18)	108.9701	95.6987
3248	67.0633	105.1(18)	108.1529	95.6479
3249	67.0831	107.9(18)	107.5086	95.5975
3250	67.1032	108.2(18)	107.2318	95.5462
3251	67.1233	108.2(18)	107.4676	95.4950
3252	67.1433	109.2(18)	108.2946	95.4441
3253	67.1632	111.7(18)	109.5110	95.3933
3254	67.1834	114.3(18)	110.9030	95.3513
3255	67.2032	112.7(18)	112.2327	95.3594
3256	67.2232	115.7(19)	113.3650	95.3677
3257	67.2431	115.2(19)	114.2022	95.3758
3258	67.2629	114.1(19)	114.6409	95.3839
3259	67.2830	114.6(19)	114.7530	95.3922
3260	67.3031	109.3(18)	114.6597	95.4005
3261	67.3231	111.1(18)	114.5243	95.4087
3262	67.3431	110.8(18)	114.4147	95.4169
3263	67.3631	109.9(18)	114.2801	95.4251
3264	67.3832	108.8(18)	114.0121	95.4333
3265	67.4034	110.2(18)	113.6211	95.4416
3266	67.4232	113.4(18)	113.2651	95.4498
3267	67.4432	109.7(18)	113.2140	95.4580
3268	67.4632	111.4(18)	113.7489	95.4662
3269	67.4832	111.7(18)	115.0405	95.4744
3270	67.5032	112.0(18)	117.0963	95.4826
3271	67.5232	113.8(18)	119.7574	95.4908
3272	67.5432	119.0(19)	122.7882	95.4990
3273	67.5633	123.6(19)	125.9343	95.5073
3274	67.5833	128.7(20)	128.8102	95.5155
3275	67.6032	127.7(20)	130.8549	95.5237
3276	67.6232	135(2)	131.5473	95.5319
3277	67.6432	134(2)	130.5714	95.5401
3278	67.6632	134(2)	128.2019	95.5483
3279	67.6831	126.2(20)	125.1191	95.5565
3280	67.7032	124.5(19)	122.1056	95.5647
3281	67.7232	121.8(19)	119.7213	95.5729

3282	67.7431	118.5(19)	118.4225	95.5811
3283	67.7632	119.1(19)	118.4353	95.5894
3284	67.7832	118.8(19)	119.8853	95.5976
3285	67.8033	120.7(19)	122.7365	95.6058
3286	67.8232	122.0(19)	126.5852	95.6140
3287	67.8431	130.3(20)	130.7949	95.6222
3288	67.8630	133.9(20)	134.3224	95.6303
3289	67.8831	132.7(20)	136.0731	95.6386
3290	67.9031	138(2)	135.3875	95.6468
3291	67.9231	137(2)	132.4442	95.6550
3292	67.9432	131.7(20)	128.1171	95.6633
3293	67.9632	126.6(19)	123.6402	95.6715
3294	67.9832	126.7(19)	119.8860	95.6797
3295	68.0032	117.9(19)	117.2843	95.6879
3296	68.0231	113.5(18)	115.9268	95.6961
3297	68.0430	114.3(18)	115.6388	95.7042
3298	68.0630	112.6(18)	116.1621	95.7125
3299	68.0830	112.3(18)	117.0987	95.7207
3300	68.1031	113.6(18)	118.2155	95.7289
3301	68.1231	118.2(19)	119.4472	95.7371
3302	68.1429	117.7(19)	120.9668	95.7557
3303	68.1630	117.7(19)	122.9604	95.7759
3304	68.1832	117.5(19)	125.5567	95.7961
3305	68.2032	122.7(19)	128.5771	95.8162
3306	68.2232	125.2(19)	131.5951	95.8362
3307	68.2432	125.7(19)	134.0152	95.8562
3308	68.2632	128.2(20)	135.6464	95.8763
3309	68.2833	129.2(20)	136.6991	95.8964
3310	68.3032	130.2(20)	137.3802	95.9164
3311	68.3232	129.0(20)	137.7212	95.9364
3312	68.3431	132.5(20)	137.5534	95.9564
3313	68.3630	130.1(20)	136.2688	95.9763
3314	68.3830	130.6(20)	133.4164	95.9963
3315	68.4031	126.5(19)	129.2699	96.0165
3316	68.4231	125.1(19)	124.7076	96.0365
3317	68.4432	118.1(19)	120.4285	96.0567
3318	68.4633	118.1(19)	116.8670	96.0768
3319	68.4832	113.5(18)	114.1922	96.0968
3320	68.5031	111.1(18)	112.3166	96.1167
3321	68.5230	111.1(18)	111.0906	96.1366
3322	68.5431	111.9(18)	110.3862	96.1568
3323	68.5630	108.8(18)	110.1066	96.1767
3324	68.5831	108.8(18)	110.2125	96.1969
3325	68.6030	107.8(18)	110.6624	96.2168
3326	68.6231	109.2(18)	111.3976	96.2370
3327	68.6432	111.9(18)	112.2616	96.2571
3328	68.6634	115.6(19)	113.1879	96.2773
3329	68.6835	112.4(18)	114.1070	96.2975
3330	68.7032	114.2(18)	115.2366	96.3172
3331	68.7232	116.7(19)	117.0194	96.3373
3332	68.7431	118.0(19)	119.8064	96.3572
3333	68.7632	121.9(19)	123.8139	96.3773
3334	68.7833	123.1(19)	128.8402	96.3975
3335	68.8034	129.4(20)	134.4714	96.4176

3336	68.8233	134(2)	140.2574	96.4376
3337	68.8434	139(2)	146.1932	96.4577
3338	68.8634	143(2)	152.1249	96.4778
3339	68.8832	152(2)	157.6535	96.4976
3340	68.9033	156(2)	162.3701	96.5177
3341	68.9234	164(2)	165.4212	96.5379
3342	68.9432	169(2)	165.6560	96.5577
3343	68.9633	164(2)	162.0894	96.5779
3344	68.9834	164(2)	154.8059	96.5980
3345	69.0033	155(2)	145.3174	96.6180
3346	69.0233	143(2)	135.3616	96.6380
3347	69.0433	135(2)	126.3701	96.6580
3348	69.0631	122.8(19)	119.1761	96.6779
3349	69.0832	117.4(19)	113.7134	96.6418
3350	69.1032	111.2(18)	109.9547	96.5752
3351	69.1234	110.7(18)	107.5844	96.5080
3352	69.1434	105.1(18)	106.2902	96.4415
3353	69.1634	105.7(18)	105.7367	96.3750
3354	69.1835	104.7(18)	105.7769	96.3081
3355	69.2034	106.7(18)	106.2731	96.2419
3356	69.2234	106.4(18)	107.1738	96.1754
3357	69.2433	108.4(18)	108.4307	96.1092
3358	69.2632	105.4(18)	110.0268	96.0430
3359	69.2832	110.7(18)	111.9395	95.9765
3360	69.3032	114.0(19)	114.1874	95.9100
3361	69.3233	117.1(19)	116.7903	95.8431
3362	69.3433	117.9(19)	119.6612	95.7766
3363	69.3633	117.0(19)	122.5012	95.7101
3364	69.3834	123.0(19)	124.8597	95.6432
3365	69.4032	125.4(19)	126.3436	95.5774
3366	69.4234	125.3(19)	126.8526	95.5102
3367	69.4433	123.9(19)	126.3023	95.4440
3368	69.4633	119.4(19)	124.5313	95.3775
3369	69.4833	123.9(19)	121.5620	95.3109
3370	69.5033	119.8(19)	117.9056	95.2444
3371	69.5232	118.5(19)	114.4252	95.1782
3372	69.5433	113.3(18)	111.7135	95.1114
3373	69.5634	107.8(18)	110.0989	95.0445
3374	69.5835	104.0(18)	109.6234	94.9776
3375	69.6034	104.7(18)	110.0337	94.9115
3376	69.6234	104.8(18)	110.9221	94.8449
3377	69.6432	108.5(18)	111.7632	94.7791
3378	69.6632	107.0(18)	112.2540	94.7125
3379	69.6832	107.2(18)	112.3195	94.6460
3380	69.7032	110.2(18)	112.2250	94.5795
3381	69.7232	112.6(18)	112.4129	94.5130
3382	69.7432	113.8(18)	113.2937	94.4465
3383	69.7632	114.1(18)	115.0819	94.3799
3384	69.7832	118.4(19)	117.7519	94.3134
3385	69.8033	117.8(19)	121.0183	94.2465
3386	69.8233	124.3(19)	124.4018	94.1800
3387	69.8431	126.7(19)	127.5542	94.1142
3388	69.8631	129.0(20)	130.3163	94.0476
3389	69.8830	133.1(20)	132.3150	93.9814

3390	69.9031	132.8(20)	133.1487	93.9146
3391	69.9230	130.1(20)	132.5363	93.8349
3392	69.9431	132.3(20)	130.4772	93.7280
3393	69.9631	127.5(20)	127.2646	93.6218
3394	69.9832	126.9(19)	123.2295	93.5149
3395	70.0032	120.7(19)	118.8728	93.4087
3396	70.0231	117.0(19)	114.7400	93.3029
3397	70.0431	114.1(19)	111.1895	93.1966
3398	70.0633	109.0(18)	108.3538	93.0893
3399	70.0832	106.2(18)	106.2614	92.9835
3400	70.1031	106.8(18)	104.7419	92.8778
3401	70.1231	105.3(18)	103.6647	92.7715
3402	70.1430	102.6(17)	102.9893	92.6657
3403	70.1628	103.0(18)	102.6383	92.5605
3404	70.1829	103.4(18)	102.5007	92.4537
3405	70.2030	101.3(17)	102.4760	92.3469
3406	70.2230	103.1(18)	102.5202	92.2406
3407	70.2430	100.4(17)	102.6337	92.1343
3408	70.2630	104.8(18)	102.9976	92.0280
3409	70.2830	99.5(17)	103.6518	91.9217
3410	70.3030	103.5(18)	104.7043	91.8155
3411	70.3231	103.3(18)	106.2860	91.7086
3412	70.3430	103.8(18)	108.4116	91.6029
3413	70.3630	109.8(18)	111.0330	91.4966
3414	70.3829	108.0(18)	113.8543	91.3908
3415	70.4033	111.3(18)	116.5457	91.2824
3416	70.4232	114.3(19)	118.5269	91.1767
3417	70.4434	113.8(18)	119.4705	91.0693
3418	70.4634	115.9(19)	119.0922	90.9630
3419	70.4834	118.0(19)	117.5129	90.8567
3420	70.5034	116.1(19)	115.2657	90.7505
3421	70.5234	114.6(19)	112.9769	90.6442
3422	70.5432	112.2(18)	111.1686	90.5389
3423	70.5632	111.9(18)	110.1335	90.4327
3424	70.5831	112.2(18)	110.0716	90.3269
3425	70.6032	109.6(18)	110.9903	90.2201
3426	70.6232	112.3(18)	112.6430	90.1138
3427	70.6432	111.4(18)	114.5554	90.0075
3428	70.6631	116.8(19)	116.2613	89.9018
3429	70.6831	113.8(19)	117.3907	89.7955
3430	70.7031	114.4(19)	117.8472	89.6892
3431	70.7230	119.4(19)	117.6309	89.5834
3432	70.7430	113.8(18)	116.8350	89.4772
3433	70.7629	116.0(19)	115.6080	89.3714
3434	70.7830	111.4(18)	114.1303	89.2646
3435	70.8031	110.4(18)	112.5653	89.1578
3436	70.8231	110.9(18)	111.0048	89.0515
3437	70.8431	110.8(18)	109.4536	88.9474
3438	70.8632	107.5(18)	108.0945	88.8896
3439	70.8832	106.9(18)	107.1789	88.8320
3440	70.9034	105.4(18)	106.9433	88.7739
3441	70.9232	106.1(18)	107.4449	88.7170
3442	70.9434	105.0(18)	108.5505	88.6588
3443	70.9634	105.0(18)	109.8941	88.6013

3444	70.9835	108.8(18)	111.0571	88.5435
3445	71.0035	111.9(18)	111.7288	88.4859
3446	71.0234	110.8(18)	111.9122	88.4287
3447	71.0435	106.4(18)	111.7579	88.3708
3448	71.0632	110.4(18)	111.3977	88.3142
3449	71.0832	103.3(18)	110.8772	88.2566
3450	71.1032	107.9(18)	110.1943	88.1991
3451	71.1234	110.7(18)	109.3054	88.1410
3452	71.1433	106.7(18)	108.2116	88.0837
3453	71.1633	103.2(18)	106.9614	88.0262
3454	71.1833	102.6(18)	105.6957	87.9686
3455	71.2032	101.4(17)	104.5214	87.9114
3456	71.2232	100.5(17)	103.4297	87.8538
3457	71.2431	99.7(17)	102.4255	87.7966
3458	71.2629	97.0(17)	101.5822	87.7396
3459	71.2830	97.8(17)	100.9967	87.6818
3460	71.3030	92.7(17)	100.7372	87.6243
3461	71.3231	97.2(17)	100.8085	87.5664
3462	71.3431	94.7(17)	101.1754	87.5089
3463	71.3631	95.7(17)	101.7595	87.4514
3464	71.3832	98.2(17)	102.4551	87.3935
3465	71.4032	98.1(17)	103.1496	87.3360
3466	71.4234	100.3(17)	103.8543	87.2779
3467	71.4432	97.6(17)	104.5148	87.2209
3468	71.4632	102.4(18)	105.0122	87.1634
3469	71.4832	99.9(17)	105.1258	87.1058
3470	71.5032	100.3(17)	104.6510	87.0483
3471	71.5232	100.0(17)	103.5545	86.9908
3472	71.5432	101.7(17)	102.0534	86.9332
3473	71.5633	106.0(18)	100.4859	86.8754
3474	71.5834	101.5(17)	99.1561	86.8176
3475	71.6032	100.0(17)	98.2936	86.7999
3476	71.6232	99.8(17)	97.9096	86.8028
3477	71.6432	98.8(17)	97.9589	86.8058
3478	71.6632	96.9(17)	98.3481	86.8087
3479	71.6831	100.6(17)	98.9468	86.8116
3480	71.7031	98.3(17)	99.5790	86.8146
3481	71.7232	99.1(17)	100.1038	86.8175
3482	71.7432	99.2(17)	100.4537	86.8204
3483	71.7632	97.3(17)	100.6380	86.8234
3484	71.7832	99.4(17)	100.6911	86.8263
3485	71.8033	102.2(17)	100.7257	86.8292
3486	71.8232	101.8(17)	100.8623	86.8322
3487	71.8431	99.9(17)	101.2545	86.8351
3488	71.8631	101.5(17)	102.0332	86.8380
3489	71.8830	103.5(18)	103.1981	86.8409
3490	71.9032	106.4(18)	104.6653	86.8439
3491	71.9231	106.3(18)	106.1363	86.8468
3492	71.9432	105.1(18)	107.3305	86.8498
3493	71.9631	110.2(18)	107.8843	86.8527
3494	71.9832	108.3(18)	107.6163	86.8556
3495	72.0032	105.5(18)	106.4564	86.8586
3496	72.0231	108.1(18)	104.6008	86.8615
3497	72.0430	102.1(18)	102.4213	86.8644

3498	72.0630	103.6(18)	100.3317	86.8673
3499	72.0831	98.2(17)	98.6340	86.8703
3500	72.1031	100.2(17)	97.5354	86.8732
3501	72.1231	97.7(17)	97.1153	86.8761
3502	72.1429	100.3(17)	97.2802	86.8790
3503	72.1630	101.2(17)	97.9856	86.8820
3504	72.1832	102.2(18)	99.0038	86.8849
3505	72.2032	100.0(17)	100.0708	86.8879
3506	72.2233	104.8(18)	100.9660	86.8908
3507	72.2432	102.7(18)	101.5002	86.8937
3508	72.2632	105.9(18)	101.5171	86.8967
3509	72.2832	104.4(18)	101.1522	86.8996
3510	72.3033	103.5(18)	100.6633	86.9026
3511	72.3232	102.4(17)	100.3035	86.9055
3512	72.3431	102.2(17)	100.1968	86.9084
3513	72.3630	101.2(17)	100.3784	86.9113
3514	72.3831	102.1(18)	100.9447	86.9143
3515	72.4031	99.9(17)	101.9543	86.9172
3516	72.4231	101.1(17)	103.3811	86.9201
3517	72.4432	102.9(18)	105.0319	86.9231
3518	72.4634	104.0(18)	106.5693	86.9260
3519	72.4831	106.0(18)	107.6170	86.9289
3520	72.5032	105.9(18)	107.9513	86.9319
3521	72.5231	105.7(18)	107.4865	86.9348
3522	72.5431	108.9(18)	106.4029	86.9377
3523	72.5630	102.3(18)	105.0650	86.9406
3524	72.5831	103.9(18)	103.8394	86.9436
3525	72.6031	102.7(18)	103.0082	86.9465
3526	72.6231	101.6(17)	102.6308	86.9437
3527	72.6432	97.0(17)	102.6098	86.9351
3528	72.6633	99.4(17)	102.7847	86.9265
3529	72.6835	101.3(18)	103.0119	86.9178
3530	72.7033	100.8(17)	103.1585	86.9093
3531	72.7232	101.6(18)	103.1290	86.9007
3532	72.7432	101.5(18)	102.8834	86.8921
3533	72.7632	101.5(18)	102.5416	86.8836
3534	72.7832	103.8(18)	102.2968	86.8750
3535	72.8034	99.5(17)	102.3290	86.8663
3536	72.8234	102.4(18)	102.7420	86.8577
3537	72.8434	99.9(17)	103.5260	86.8491
3538	72.8633	100.6(17)	104.4960	86.8405
3539	72.8833	100.4(17)	105.3858	86.8320
3540	72.9033	101.9(18)	105.9451	86.8234
3541	72.9234	100.9(17)	106.0953	86.8147
3542	72.9432	98.9(17)	105.9383	86.8062
3543	72.9633	100.5(17)	105.5535	86.7976
3544	72.9833	100.4(17)	104.9573	86.7890
3545	73.0034	103.2(18)	104.1626	86.7803
3546	73.0233	102.1(18)	103.2151	86.7718
3547	73.0433	100.2(17)	102.2038	86.7632
3548	73.0631	97.6(17)	101.2824	86.7547
3549	73.0831	94.3(17)	100.5848	86.7461
3550	73.1032	96.1(17)	100.1719	86.7375
3551	73.1234	97.1(17)	100.0771	86.7288

3552	73.1434	97.4(17)	100.2338	86.7202
3553	73.1634	95.6(17)	100.4880	86.7116
3554	73.1834	100.6(17)	100.6513	86.7030
3555	73.2034	101.0(17)	100.5853	86.6944
3556	73.2233	96.4(17)	100.3486	86.6859
3557	73.2434	98.5(17)	100.1374	86.6772
3558	73.2632	99.7(17)	100.1702	86.6687
3559	73.2831	98.8(17)	100.5734	86.6602
3560	73.3032	100.3(17)	101.4641	86.6515
3561	73.3233	101.8(18)	102.9364	86.6429
3562	73.3433	107.3(18)	105.0993	86.6343
3563	73.3633	106.0(18)	107.9797	86.6257
3564	73.3833	106.8(18)	111.4713	86.6171
3565	73.4033	108.2(18)	115.1927	86.6085
3566	73.4234	117.2(19)	118.5049	86.5999
3567	73.4432	117.5(19)	120.6617	86.5914
3568	73.4633	119.2(19)	121.2101	86.5828
3569	73.4832	120.8(19)	119.8657	86.5742
3570	73.5033	116.4(19)	116.8423	86.5656
3571	73.5232	111.7(18)	112.9471	86.5570
3572	73.5434	111.1(18)	108.9148	86.5483
3573	73.5634	106.1(18)	105.4003	86.5397
3574	73.5835	108.5(18)	102.6370	86.5311
3575	73.6034	103.6(18)	100.6960	86.5226
3576	73.6234	97.8(17)	99.4559	86.5140
3577	73.6434	102.0(18)	98.7797	86.5054
3578	73.6632	98.3(17)	98.5463	86.4969
3579	73.6832	95.8(17)	98.6297	86.4883
3580	73.7032	101.4(17)	98.8908	86.4797
3581	73.7232	96.3(17)	99.1908	86.4711
3582	73.7431	95.8(17)	99.3742	86.4625
3583	73.7632	95.9(17)	99.3371	86.4539
3584	73.7833	92.2(17)	99.1203	86.4453
3585	73.8033	95.4(17)	98.9372	86.4367
3586	73.8232	97.5(17)	99.0319	86.4276
3587	73.8431	95.1(17)	99.5815	86.4178
3588	73.8631	101.6(18)	100.6144	86.4079
3589	73.8831	99.6(17)	101.9438	86.3981
3590	73.9030	100.6(17)	103.2903	86.3883
3591	73.9231	99.7(17)	104.3755	86.3784
3592	73.9430	101.9(18)	105.0271	86.3687
3593	73.9632	102.6(18)	105.2197	86.3587
3594	73.9832	103.6(18)	104.9844	86.3489
3595	74.0032	103.6(18)	104.4685	86.3390
3596	74.0231	99.3(17)	103.7740	86.3293
3597	74.0432	101.9(18)	102.9723	86.3194
3598	74.0632	101.2(18)	102.0954	86.3095
3599	74.0832	102.2(18)	101.2284	86.2997
3600	74.1032	103.5(18)	100.4547	86.2899
3601	74.1230	100.5(18)	99.8052	86.2801
3602	74.1430	98.5(17)	99.2594	86.2703
3603	74.1629	96.5(17)	98.8355	86.2605
3604	74.1829	95.1(17)	98.5555	86.2507
3605	74.2029	100.0(17)	98.4689	86.2408

3606	74.2230	98.7(17)	98.6904	86.2309
3607	74.2430	98.4(17)	99.3388	86.2211
3608	74.2629	98.3(17)	100.5152	86.2113
3609	74.2830	98.2(17)	102.2348	86.2014
3610	74.3030	95.4(17)	104.3105	86.1916
3611	74.3231	100.5(17)	106.4227	86.1817
3612	74.3430	104.1(18)	108.1075	86.1719
3613	74.3630	107.5(18)	109.1434	86.1621
3614	74.3830	104.0(18)	109.5615	86.1522
3615	74.4031	106.4(18)	109.6723	86.1424
3616	74.4233	104.5(18)	109.6949	86.1324
3617	74.4434	103.6(18)	109.6415	86.1225
3618	74.4634	107.2(18)	109.4832	86.1127
3619	74.4833	104.9(18)	109.1811	86.1029
3620	74.5034	105.1(18)	108.5879	86.0930
3621	74.5233	100.7(17)	107.5403	86.0832
3622	74.5433	103.7(18)	106.1237	86.0734
3623	74.5632	102.6(18)	104.6620	86.0636
3624	74.5831	105.1(18)	103.5035	86.0538
3625	74.6032	101.4(18)	102.8369	86.0439
3626	74.6232	100.5(17)	102.6733	86.0341
3627	74.6432	103.3(18)	102.8728	86.0243
3628	74.6631	98.8(17)	103.2043	86.0145
3629	74.6831	100.6(17)	103.3765	86.0046
3630	74.7031	103.5(18)	103.1207	85.9948
3631	74.7229	100.4(17)	102.3346	85.9851
3632	74.7430	100.7(17)	101.0770	85.9752
3633	74.7629	99.7(17)	99.7244	85.9654
3634	74.7830	98.3(17)	98.4668	85.9555
3635	74.8031	97.1(17)	97.4960	85.9456
3636	74.8231	94.1(17)	96.9022	85.9358
3637	74.8431	93.3(17)	96.6583	85.9260
3638	74.8632	96.5(17)	96.7115	85.9161
3639	74.8832	96.8(17)	97.0124	85.9062
3640	74.9033	96.8(17)	97.5311	85.8963
3641	74.9234	96.5(17)	98.2081	85.8754
3642	74.9432	98.0(17)	98.9298	85.8352
3643	74.9635	101.8(18)	99.6168	85.7940
3644	74.9834	98.2(17)	100.1815	85.7535
3645	75.0035	101.6(18)	100.7343	85.7127
3646	75.0234	101.3(17)	101.4578	85.6723
3647	75.0435	104.2(18)	102.5819	85.6315
3648	75.0632	104.4(18)	104.1508	85.5915
3649	75.0832	103.7(18)	106.0978	85.5508
3650	75.1032	105.7(18)	108.0712	85.5102
3651	75.1233	105.7(18)	109.5957	85.4694
3652	75.1433	112.1(18)	110.2612	85.4288
3653	75.1633	111.4(18)	109.9230	85.3882
3654	75.1834	111.3(18)	108.6687	85.3474
3655	75.2032	109.0(18)	106.7705	85.3071
3656	75.2232	109.0(18)	104.5012	85.2665
3657	75.2431	106.6(18)	102.1470	85.2261
3658	75.2630	104.4(18)	99.9044	85.1857
3659	75.2830	100.3(17)	97.9374	85.1451

3660	75.3030	96.7(17)	96.3972	85.1045
3661	75.3231	97.2(17)	95.3481	85.0636
3662	75.3431	95.9(17)	94.7912	85.0230
3663	75.3631	94.9(17)	94.6380	84.9824
3664	75.3833	96.3(17)	94.8638	84.9414
3665	75.4032	92.0(17)	95.4142	84.9010
3666	75.4233	93.1(17)	96.2539	84.8601
3667	75.4433	91.9(17)	97.2651	84.8195
3668	75.4632	96.7(17)	98.2885	84.7791
3669	75.4832	96.6(17)	99.1337	84.7385
3670	75.5032	93.8(17)	99.6732	84.6979
3671	75.5232	95.4(17)	99.9190	84.6573
3672	75.5432	96.8(17)	99.9683	84.6166
3673	75.5634	97.5(17)	99.9071	84.5756
3674	75.5833	97.4(17)	99.8072	84.5352
3675	75.6032	96.4(17)	99.6779	84.4948
3676	75.6232	98.2(17)	99.5112	84.4542
3677	75.6432	96.0(17)	99.1674	84.4136
3678	75.6631	101.2(17)	98.4778	84.3731
3679	75.6831	94.9(17)	97.3617	84.3325
3680	75.7031	93.6(17)	95.9735	84.2919
3681	75.7232	92.6(17)	94.5521	84.2511
3682	75.7432	94.5(17)	93.3200	84.2105
3683	75.7632	91.4(17)	92.3833	84.1698
3684	75.7832	91.4(17)	91.7799	84.1292
3685	75.8032	90.7(17)	91.4779	84.0886
3686	75.8233	89.7(16)	91.3781	84.0478
3687	75.8431	89.5(16)	91.3576	84.0076
3688	75.8631	91.0(17)	91.3170	83.9670
3689	75.8830	91.2(17)	91.2555	83.9266
3690	75.9031	92.2(17)	91.2141	83.8857
3691	75.9231	92.4(17)	91.2767	83.8526
3692	75.9432	89.1(16)	91.5193	83.8634
3693	75.9631	94.2(17)	91.8749	83.8741
3694	75.9832	95.4(17)	92.4084	83.8850
3695	76.0032	91.1(17)	93.1247	83.8958
3696	76.0231	93.9(17)	94.0753	83.9065
3697	76.0430	94.3(17)	95.2970	83.9173
3698	76.0630	96.9(17)	96.7571	83.9280
3699	76.0831	97.4(17)	98.3166	83.9389
3700	76.1031	96.8(17)	99.7154	83.9497
3701	76.1230	98.4(17)	100.6638	83.9604
3702	76.1430	98.1(17)	101.0101	83.9712
3703	76.1630	96.8(17)	100.7286	83.9820
3704	76.1832	99.0(17)	99.9809	83.9929
3705	76.2032	99.8(17)	99.0198	84.0037
3706	76.2233	94.3(17)	98.0556	84.0145
3707	76.2432	95.4(17)	97.2724	84.0253
3708	76.2632	92.9(17)	96.7317	84.0361
3709	76.2832	94.5(17)	96.4220	84.0469
3710	76.3032	94.8(17)	96.2596	84.0576
3711	76.3233	92.4(17)	96.1211	84.0685
3712	76.3431	91.4(17)	95.9233	84.0792
3713	76.3630	89.8(16)	95.6150	84.0899

3714	76.3830	91.0(17)	95.2552	84.1007
3715	76.4031	92.6(17)	94.9519	84.1115
3716	76.4232	96.3(17)	94.8851	84.1224
3717	76.4432	93.4(17)	95.1689	84.1332
3718	76.4632	91.8(17)	95.8132	84.1440
3719	76.4832	93.0(17)	96.7860	84.1548
3720	76.5031	92.7(17)	97.9198	84.1655
3721	76.5231	95.7(17)	99.0606	84.1763
3722	76.5430	93.9(17)	100.0640	84.1870
3723	76.5630	98.3(17)	100.9088	84.1978
3724	76.5831	96.5(17)	101.5959	84.2087
3725	76.6030	99.1(17)	102.1115	84.2194
3726	76.6231	102.2(18)	102.3764	84.2303
3727	76.6432	101.4(18)	102.2600	84.2411
3728	76.6634	101.2(18)	101.7449	84.2520
3729	76.6834	100.9(18)	101.0336	84.2628
3730	76.7033	100.0(17)	100.2820	84.2735
3731	76.7231	97.9(17)	99.6480	84.2842
3732	76.7432	98.8(17)	99.1383	84.2951
3733	76.7631	95.3(17)	98.7410	84.3058
3734	76.7834	98.4(17)	98.3934	84.3167
3735	76.8034	93.6(17)	98.0410	84.3275
3736	76.8232	93.6(17)	97.6738	84.3382
3737	76.8434	94.5(17)	97.3577	84.3491
3738	76.8632	94.5(17)	97.2429	84.3598
3739	76.8833	94.9(17)	97.4067	84.3706
3740	76.9033	93.2(17)	97.8630	84.3814
3741	76.9234	95.2(17)	98.5716	84.3923
3742	76.9432	94.2(17)	99.4280	84.4030
3743	76.9632	98.3(17)	100.3784	84.4137
3744	76.9834	98.6(17)	101.3429	84.4247
3745	77.0032	97.5(17)	102.2105	84.4353
3746	77.0234	99.5(17)	102.9845	84.4462
3747	77.0432	105.8(18)	103.5830	84.4569
3748	77.0632	104.1(18)	103.8224	84.4677
3749	77.0830	104.3(18)	103.4115	84.4784
3750	77.1032	105.0(18)	102.2036	84.4893
3751	77.1234	101.7(18)	100.4188	84.5044
3752	77.1433	97.8(17)	98.5147	84.5530
3753	77.1634	101.7(18)	96.7752	84.6021
3754	77.1834	97.8(17)	95.4685	84.6510
3755	77.2034	95.2(17)	94.6966	84.6999
3756	77.2233	94.9(17)	94.3988	84.7485
3757	77.2432	95.0(17)	94.5066	84.7971
3758	77.2633	94.0(17)	94.9275	84.8463
3759	77.2831	94.0(17)	95.5686	84.8947
3760	77.3032	93.8(17)	96.3730	84.9438
3761	77.3233	99.9(17)	97.3023	84.9929
3762	77.3432	96.6(17)	98.3857	85.0415
3763	77.3632	99.9(17)	99.7094	85.0904
3764	77.3834	100.0(17)	101.2767	85.1398
3765	77.4032	100.3(17)	102.8381	85.1882
3766	77.4234	100.9(17)	104.1813	85.2375
3767	77.4432	102.6(18)	104.8935	85.2859

3768	77.4632	99.2(17)	104.8062	85.3348
3769	77.4832	104.1(18)	104.0317	85.3837
3770	77.5033	98.8(17)	102.9993	85.4328
3771	77.5232	98.9(17)	102.1941	85.4814
3772	77.5432	104.6(18)	101.9117	85.5303
3773	77.5634	95.0(17)	102.2919	85.5797
3774	77.5835	99.6(17)	103.3150	85.6288
3775	77.6034	98.8(17)	104.7661	85.6774
3776	77.6234	99.4(17)	106.3454	85.7263
3777	77.6432	102.2(18)	107.5496	85.7747
3778	77.6632	101.7(18)	107.9589	85.8235
3779	77.6832	103.7(18)	107.3656	85.8724
3780	77.7032	102.7(18)	105.9027	85.9213
3781	77.7231	102.6(18)	103.9377	85.9699
3782	77.7432	102.5(18)	101.8339	86.0190
3783	77.7632	99.2(17)	99.9213	86.0679
3784	77.7832	97.0(17)	98.4087	86.1168
3785	77.8034	95.2(17)	97.3964	86.1662
3786	77.8232	93.9(17)	96.9398	86.2145
3787	77.8431	95.9(17)	97.0727	86.2632
3788	77.8631	95.5(17)	97.7699	86.3121
3789	77.8830	97.0(17)	99.0874	86.3607
3790	77.9030	97.3(17)	101.0083	86.4096
3791	77.9230	99.2(17)	103.4693	86.4584
3792	77.9431	101.3(18)	106.3490	86.5076
3793	77.9632	106.3(18)	109.4314	86.5567
3794	77.9831	108.8(18)	112.2904	86.6053
3795	78.0032	112.5(18)	114.3471	86.6544
3796	78.0231	107.8(18)	114.8579	86.7031
3797	78.0431	111.8(18)	113.5221	86.7519
3798	78.0634	107.6(18)	110.6929	86.8016
3799	78.0831	107.7(18)	107.3209	86.8497
3800	78.1031	102.0(18)	103.9896	86.8986
3801	78.1231	103.4(18)	101.1934	86.9474
3802	78.1430	97.0(17)	99.1361	86.9961
3803	78.1628	94.9(17)	97.7876	87.0445
3804	78.1829	96.8(17)	96.9939	87.0936
3805	78.2030	94.8(17)	96.5623	87.1427
3806	78.2230	92.4(17)	96.2792	87.1916
3807	78.2430	94.7(17)	96.0206	87.2404
3808	78.2629	91.0(17)	95.7777	87.2891
3809	78.2830	93.4(17)	95.6007	87.3382
3810	78.3031	93.0(17)	95.5695	87.3873
3811	78.3230	90.5(17)	95.7354	87.4323
3812	78.3430	92.3(17)	96.0114	87.3890
3813	78.3630	93.7(17)	96.5171	87.3456
3814	78.3830	91.5(17)	97.2623	87.3023
3815	78.4031	91.4(17)	98.3281	87.2588
3816	78.4233	91.4(17)	99.7363	87.2151
3817	78.4434	94.5(17)	101.5521	87.1715
3818	78.4634	95.0(17)	103.8000	87.1282
3819	78.4834	99.8(17)	106.4275	87.0849
3820	78.5034	99.9(17)	109.2347	87.0416
3821	78.5234	102.8(18)	111.8793	86.9983

3822	78.5432	102.9(18)	113.9958	86.9554
3823	78.5632	106.7(18)	115.5029	86.9121
3824	78.5831	111.0(18)	116.4336	86.8690
3825	78.6032	114.7(19)	116.9152	86.8255
3826	78.6232	115.8(19)	117.0762	86.7822
3827	78.6432	116.7(19)	117.0493	86.7389
3828	78.6631	120.3(19)	116.8224	86.6958
3829	78.6831	120.6(19)	116.1541	86.6524
3830	78.7031	119.0(19)	114.8225	86.6091
3831	78.7230	116.7(19)	112.9429	86.5660
3832	78.7430	117.0(19)	110.8897	86.5227
3833	78.7629	109.8(18)	109.0644	86.4796
3834	78.7830	108.7(18)	107.6622	86.4361
3835	78.8031	101.9(18)	106.7148	86.3926
3836	78.8231	103.8(18)	106.0469	86.3493
3837	78.8431	99.7(17)	105.5293	86.3060
3838	78.8632	98.6(17)	105.2027	86.2624
3839	78.8833	101.7(18)	105.2448	86.2189
3840	78.9034	97.8(17)	105.7708	86.1754
3841	78.9232	101.1(18)	106.7396	86.1325
3842	78.9434	100.9(17)	107.9520	86.0888
3843	78.9634	105.3(18)	108.9622	86.0454
3844	78.9834	104.0(18)	109.3482	86.0021
3845	79.0035	103.3(18)	108.9301	85.9586
3846	79.0235	106.4(18)	107.8481	85.9153
3847	79.0435	107.7(18)	106.4591	85.8720
3848	79.0632	102.2(18)	105.1397	85.8293
3849	79.0832	100.7(17)	104.1049	85.7860
3850	79.1032	100.1(17)	103.5106	85.7427
3851	79.1234	99.8(17)	103.3848	85.6990
3852	79.1432	98.3(17)	103.7008	85.6561
3853	79.1633	97.9(17)	104.4529	85.6125
3854	79.1833	98.7(17)	105.6449	85.5692
3855	79.2032	102.9(18)	107.2789	85.5261
3856	79.2232	101.0(18)	109.2784	85.4828
3857	79.2431	103.1(18)	111.4000	85.4397
3858	79.2630	108.1(18)	113.3262	85.3966
3859	79.2830	107.6(18)	114.7684	85.3533
3860	79.3031	109.9(18)	115.5140	85.3098
3861	79.3231	112.8(19)	115.5609	85.2665
3862	79.3431	111.4(18)	115.0753	85.2232
3863	79.3631	115.6(19)	114.1996	85.1799
3864	79.3832	110.5(18)	113.0583	85.1363
3865	79.4034	108.6(18)	111.7285	85.0926
3866	79.4233	110.9(18)	110.4223	85.0495
3867	79.4432	114.3(19)	109.2644	85.0064
3868	79.4632	108.8(18)	108.2088	84.9631
3869	79.4832	105.6(18)	107.0670	84.9198
3870	79.5032	104.6(18)	105.7097	84.8765
3871	79.5232	103.8(18)	104.1769	84.8332
3872	79.5432	103.4(18)	102.5930	84.7898
3873	79.5634	99.2(17)	101.0367	84.7461
3874	79.5832	101.6(18)	99.6363	84.7032
3875	79.6034	98.8(17)	98.4633	84.6595

3876	79.6232	98.8(17)	97.6961	84.6166
3877	79.6431	92.1(17)	97.4117	84.5735
3878	79.6632	96.5(17)	97.6266	84.5300
3879	79.6831	97.4(17)	98.2710	84.4869
3880	79.7032	96.9(17)	99.2691	84.4434
3881	79.7231	95.5(17)	100.4987	84.4003
3882	79.7432	96.7(17)	101.8932	84.3567
3883	79.7632	100.2(17)	103.2912	84.3134
3884	79.7833	99.6(18)	104.4550	84.2699
3885	79.8034	100.6(18)	105.0985	84.2264
3886	79.8232	99.9(17)	105.0207	84.1835
3887	79.8431	100.4(17)	104.2068	84.1404
3888	79.8631	100.0(18)	102.7843	84.0971
3889	79.8831	99.5(17)	101.0555	84.0538
3890	79.9031	98.8(17)	99.2862	84.0105
3891	79.9231	98.2(17)	97.7168	83.9672
3892	79.9432	97.4(17)	96.4857	83.9236
3893	79.9631	93.0(17)	95.6387	83.8805
3894	79.9832	90.0(17)	95.0794	83.8370
3895	80.0032	90.0(17)	94.7281	83.8370

_pd_proc_number_of_points 3876

loop_

_refln_index_h									
_refln_index_k									
_refln_index_l									
_refln_mult									
_pd_refln_phase_id									
_refln_observed_status									
_refln_F_squared_meas									
_refln_F_squared_calc									
_refln_phase_calc									
_refln_d_spacing									
0	2	0	2	1	o	51.3683	46.5439	0.15	13.51219
1	1	0	4	1	o	68205.8750	69144.1875	0.17	12.01050
1	3	0	4	1	o	6443.5669	6581.1304	180.19	7.47718
0	4	0	2	1	o	22.8734	28.2796	180.02	6.75610
2	0	0	2	1	o	13330.1611	15919.8779	180.40	6.70369
2	2	0	4	1	o	332.2827	221.4032	0.25	6.00525
0	1	1	4	1	o	1555.7729	1770.0325	0.10	5.17892
1	5	0	4	1	o	7427.0146	8118.1523	0.21	5.01288
1	1	1	8	1	o	299.3849	337.0183	0.08	4.83103
2	4	0	4	1	o	1337.4141	1498.5009	180.10	4.75865
1	2	1	8	1	o	444.0659	358.1305	179.91	4.61488
0	3	1	4	1	o	5721.6230	5812.7373	0.26	4.55308
0	6	0	2	1	o	47618.0898	46833.2773	0.25	4.50406
3	1	0	4	1	o	7965.3198	7203.6265	180.35	4.40924
1	3	1	8	1	o	27335.1816	27109.8906	0.26	4.31126
2	1	1	8	1	o	854.7053	891.6835	0.15	4.09836
3	3	0	4	1	o	9.6847	5.4078	4.57	4.00350
1	4	1	8	1	o	1221.1661	1166.1753	0.16	3.97195
2	2	1	8	1	o	2123.4934	2028.9924	0.23	3.96389
0	5	1	4	1	o	104.8514	98.6578	179.66	3.77570
2	3	1	8	1	o	12436.0996	11851.3447	180.23	3.76648

2	6	0	4	1	o	32825.4180	32456.5312	180.23	3.73859
1	7	0	4	1	o	502.9001	498.1234	179.97	3.70989
1	5	1	8	1	o	9.5084	10.7770	181.07	3.63434
2	4	1	8	1	o	9822.1357	9698.3965	0.24	3.53387
3	5	0	4	1	o	5472.3594	4507.2900	180.48	3.44420
3	1	1	8	1	o	214.9307	224.5801	180.22	3.38349
0	8	0	2	1	o	1957.8262	2040.0557	0.02	3.37805
4	0	0	2	1	o	148466.1719	145890.0938	0.20	3.35185
1	6	1	8	1	o	45.7198	44.6750	0.20	3.31914
3	2	1	8	1	o	207.2038	191.4287	180.41	3.30664
2	5	1	8	1	o	9.4311	8.0555	1.69	3.28978
4	2	0	4	1	o	191.9482	184.0440	0.02	3.25325
3	3	1	8	1	o	35891.3867	34521.7109	180.18	3.18942
0	7	1	4	1	o	4129.9404	3636.1797	180.14	3.11575
2	6	1	8	1	o	8985.8447	8612.2920	180.17	3.05053
3	4	1	8	1	o	4318.1997	4005.6616	180.31	3.04445
1	7	1	8	1	o	2330.4797	2091.5132	0.11	3.03488
2	8	0	4	1	o	2901.2095	3197.0007	359.99	3.01669
4	4	0	4	1	o	1431.7374	1655.8374	180.23	3.00263
1	9	0	4	1	o	1863.5692	1894.7306	179.99	2.93012
3	7	0	4	1	o	2877.6372	2678.8831	180.32	2.92151
3	5	1	8	1	o	2783.8313	2502.0879	0.16	2.88418
2	7	1	8	1	o	5090.7212	4428.9551	180.20	2.82548
4	1	1	8	1	o	1756.9731	1745.9269	0.17	2.81392
1	8	1	8	1	o	931.0487	1178.9071	180.42	2.78303
4	2	1	8	1	o	929.7562	948.3613	180.51	2.76924
3	6	1	8	1	o	3294.4805	3020.2766	0.25	2.71888
0	10	0	2	1	o	882.9974	786.3120	0.17	2.70244
4	3	1	8	1	o	1792.1583	1593.5386	0.15	2.69929
4	6	0	4	1	o	25417.0645	22491.5957	0.17	2.68897
5	1	0	4	1	o	16374.3438	14620.3701	0.62	2.66837
0	0	2	2	1	o	3414.2156	3501.0325	0.42	2.63836
2	8	1	8	1	o	34991.7344	33794.0078	0.21	2.61891
0	9	1	4	1	o	1015.1403	984.3649	0.61	2.60975
4	4	1	8	1	o	2492.9602	2419.3010	180.64	2.60970
0	2	2	4	1	o	1061.6428	1018.3705	180.17	2.58946
1	0	2	4	1	o	62139.6094	59610.7109	180.33	2.58871
1	1	2	8	1	o	33.3584	32.6712	181.33	2.57692
5	3	0	4	1	o	6917.9126	6768.4458	180.40	2.57003
1	9	1	8	1	o	60895.0547	59026.3477	0.34	2.56167
3	7	1	8	1	o	300.6858	289.6687	180.11	2.55591
1	2	2	8	1	o	137.0230	127.8387	0.07	2.54247
4	5	1	8	1	o	118.1471	117.3904	179.96	2.50663
2	10	0	4	1	o	1012.4555	1001.6788	0.18	2.50644
3	9	0	4	1	o	358.8349	307.8355	180.05	2.49239
1	3	2	8	1	o	799.2831	717.3470	0.12	2.48801
0	4	2	4	1	o	855.4040	786.5413	0.09	2.45761
2	0	2	4	1	o	14978.1982	13881.3789	180.57	2.45506
2	1	2	8	1	o	27861.1035	26611.7422	180.21	2.44499
2	9	1	8	1	o	10031.8086	9822.3447	180.60	2.43196
1	4	2	8	1	o	7.0256	6.9867	181.16	2.41733
1	11	0	4	1	o	55.1554	54.8316	359.19	2.41653
2	2	2	8	1	o	806.1597	802.7794	180.06	2.41552
5	5	0	4	1	o	4951.0674	4944.6079	0.63	2.40210

3 8 1 8 1 o	24957.9160	24986.5020	180.33	2.39997
4 6 1 8 1 o	420.4272	422.5331	179.17	2.39582
5 1 1 8 1 o	1031.7478	1009.9887	0.22	2.38122
4 8 0 4 1 o	61.7956	59.9562	0.32	2.37932
2 3 2 8 1 o	2090.2883	1928.4799	0.25	2.36867
1 10 1 8 1 o	83.1001	76.1399	359.77	2.36754
5 2 1 8 1 o	276.5101	234.6391	0.61	2.35397
1 5 2 8 1 o	1029.3268	1384.8379	0.15	2.33473
5 3 1 8 1 o	839.6548	946.9921	0.16	2.31055
2 4 2 8 1 o	2.8208	3.0769	2.35	2.30744
4 7 1 8 1 o	3706.9800	3341.7102	180.19	2.28207
0 6 2 4 1 o	9516.6885	8785.2158	179.85	2.27654
3 0 2 4 1 o	6814.1631	6452.2715	179.54	2.27199
2 10 1 8 1 o	17011.7930	16402.7148	0.25	2.26401
3 1 2 8 1 o	20392.9824	19651.2207	180.33	2.26400
3 9 1 8 1 o	10503.0352	9630.0947	359.61	2.25364
5 4 1 8 1 o	4237.2935	3900.5171	0.30	2.25361
0 12 0 2 1 o	2604.7954	2368.1023	359.16	2.25203
1 6 2 8 1 o	3670.6477	3283.0686	359.51	2.24441
3 2 2 8 1 o	30.6626	28.3437	359.89	2.24054
2 5 2 8 1 o	2956.4448	2863.6104	180.42	2.23527
6 0 0 2 1 o	40234.0859	39336.5664	179.87	2.23456
0 11 1 4 1 o	682.4960	712.5999	180.02	2.22720
6 2 0 4 1 o	1583.4165	1701.9237	0.17	2.20462
3 3 2 8 1 o	3397.1060	3617.8115	0.32	2.20300
5 7 0 4 1 o	72.1146	75.9035	178.45	2.20235
1 11 1 8 1 o	1207.4160	1177.5853	180.20	2.19709
5 5 1 8 1 o	390.2011	404.1773	180.41	2.18623
4 8 1 8 1 o	922.5699	1086.3466	181.46	2.16902
2 6 2 8 1 o	99.5660	122.6837	358.28	2.15563
3 4 2 8 1 o	244.4327	313.6615	180.11	2.15348
3 11 0 4 1 o	496.2551	638.4909	0.53	2.15291
1 7 2 8 1 o	2217.7051	3039.9299	0.15	2.15009
2 12 0 4 1 o	10232.6406	11273.6172	179.80	2.13479
6 4 0 4 1 o	3.6524	3.4952	175.94	2.12153
3 10 1 8 1 o	11846.1777	11170.0674	180.32	2.11805
2 11 1 8 1 o	696.4802	656.1695	0.25	2.11360
5 6 1 8 1 o	793.7646	740.4670	359.84	2.11155
4 10 0 4 1 o	176.9484	152.9140	180.20	2.10382
3 5 2 8 1 o	2772.3784	2347.0505	180.44	2.09446
0 8 2 4 1 o	2531.4744	2451.5801	0.13	2.07931
4 0 2 4 1 o	42172.4297	40440.0625	180.10	2.07316
2 7 2 8 1 o	149.3983	142.9097	180.57	2.07165
4 1 2 8 1 o	1695.2889	1618.5488	1.07	2.06708
4 9 1 8 1 o	27589.1992	26627.8438	180.11	2.05919
1 8 2 8 1 o	224.9080	224.0152	0.08	2.05475
1 13 0 4 1 o	2091.1919	2102.2412	180.28	2.05425
6 1 1 8 1 o	154.8700	161.2678	0.05	2.05173
4 2 2 8 1 o	366.7622	398.9863	180.23	2.04918
1 12 1 8 1 o	883.4924	1003.8047	0.17	2.04700
6 2 1 8 1 o	6123.5859	6953.0200	0.27	2.03421
5 7 1 8 1 o	346.3063	384.2058	359.99	2.03243
3 6 2 8 1 o	3815.1182	3918.0874	179.74	2.02852
4 3 2 8 1 o	25.0532	20.6002	183.30	2.02034

6 3 1 8 1 o	314.5343	395.4807	180.02	2.00600
6 6 0 4 1 o	133.1649	193.6023	0.74	2.00175
5 9 0 4 1 o	466.9336	714.6489	0.21	2.00005
3 11 1 8 1 o	51.5691	80.9318	179.62	1.99338
2 8 2 8 1 o	19.9834	17.5649	180.06	1.98597
4 4 2 8 1 o	25.0502	18.0229	180.48	1.98194
2 12 1 8 1 o	38.1001	26.7619	181.81	1.97897
6 4 1 8 1 o	5414.4131	5456.9653	0.42	1.96840
1 9 2 8 1 o	971.4207	1100.3732	180.12	1.96066
3 7 2 8 1 o	167.0309	187.7550	359.73	1.95808
4 10 1 8 1 o	519.5667	579.5809	181.63	1.95422
5 8 1 8 1 o	9591.5000	10780.9385	180.00	1.95134
4 5 2 8 1 o	4460.3965	5179.9072	0.49	1.93565
0 13 1 4 1 o	333.3051	383.0839	179.84	1.93412
0 14 0 2 1 o	1387.6487	1506.9091	0.36	1.93031
6 5 1 8 1 o	412.8672	406.9849	0.45	1.92302
1 13 1 8 1 o	755.1315	638.2926	0.26	1.91430
7 1 0 4 1 o	15966.9893	13776.6934	180.32	1.91055
2 9 2 8 1 o	7.7914	8.2746	359.68	1.90064
0 10 2 4 1 o	257.2547	253.9884	180.30	1.88785
3 8 2 8 1 o	217.2550	212.3443	179.97	1.88525
3 13 0 4 1 o	3340.0327	3271.0039	0.50	1.88487
4 6 2 8 1 o	7117.1602	6940.1758	179.99	1.88324
5 0 2 4 1 o	4379.4492	4266.1597	180.16	1.88066
3 12 1 8 1 o	3181.6982	3088.7288	0.27	1.87926
5 1 2 8 1 o	545.7679	536.0884	179.54	1.87612
7 3 0 4 1 o	2118.8650	2134.0615	0.46	1.87346
6 6 1 8 1 o	6768.2524	6935.7329	180.33	1.87160
5 9 1 8 1 o	3762.1179	3913.1980	0.17	1.87022
1 10 2 8 1 o	66.1061	69.5601	359.97	1.86941
4 12 0 4 1 o	6744.0254	7080.0825	359.86	1.86930
6 8 0 4 1 o	520.2184	554.5127	180.39	1.86371
5 2 2 8 1 o	771.1745	818.4309	0.14	1.86271
2 13 1 8 1 o	200.7952	199.0851	180.28	1.85832
4 11 1 8 1 o	309.5301	296.6912	180.00	1.85502
2 14 0 4 1 o	148.0308	142.1428	359.80	1.85494
5 3 2 8 1 o	64.0290	384.1025	180.52	1.84097
4 7 2 8 1 o	174.6757	251.9471	0.75	1.82647
2 10 2 8 1 o	0.4923	0.4829	181.26	1.81717
6 7 1 8 1 o	1199.4230	1171.7720	180.24	1.81585
3 9 2 8 1 o	88.4986	81.7574	180.37	1.81179
5 4 2 8 1 o	767.4323	704.1842	0.30	1.81178
5 11 0 4 1 o	7271.9463	6601.3511	180.32	1.81144
7 5 0 4 1 o	3717.1016	2823.8584	180.54	1.80533
1 14 1 8 1 o	137.8032	114.6024	0.41	1.79648
7 1 1 8 1 o	492.9473	407.3201	180.37	1.79642
5 10 1 8 1 o	162.5087	130.6253	178.95	1.79052
1 15 0 4 1 o	5790.7910	5351.7388	0.15	1.78558
7 2 1 8 1 o	47.2080	45.3709	181.20	1.78463
1 11 2 8 1 o	42.9475	47.0189	359.89	1.78202
5 5 2 8 1 o	515.3835	690.3956	0.66	1.77621
3 13 1 8 1 o	4.9351	6.6986	180.16	1.77503
4 8 2 8 1 o	104.6060	115.9089	0.47	1.76694
7 3 1 8 1 o	2.7232	2.9806	9.57	1.76549

4 12 1 8 1 o	2962.7163	3161.6174	0.36	1.76200
6 8 1 8 1 o	10972.0811	11129.6328	0.52	1.75732
0 1 3 4 1 o	1321.3737	1312.6376	180.16	1.75519
2 14 1 8 1 o	2572.9116	2462.5815	0.48	1.74997
1 1 3 8 1 o	128.5443	132.0335	179.90	1.74034
7 4 1 8 1 o	4381.8545	4476.1543	180.28	1.73969
3 10 2 8 1 o	400.2055	411.5832	180.15	1.73906
2 11 2 8 1 o	73.8871	75.7121	179.26	1.73659
5 6 2 8 1 o	10419.3848	10621.5918	0.05	1.73545
1 2 3 8 1 o	79.3265	78.2031	0.48	1.72962
0 3 3 4 1 o	21798.7070	21250.7637	0.36	1.72631
6 10 0 4 1 o	625.9929	631.1304	0.45	1.72210
7 7 0 4 1 o	3442.0986	3683.1902	180.40	1.71579
5 11 1 8 1 o	1849.0815	1987.0967	180.14	1.71329
0 12 2 4 1 o	4745.2642	5119.0059	180.32	1.71289
1 3 3 8 1 o	185.9596	199.4804	179.87	1.71217
7 5 1 8 1 o	95.3868	99.3402	0.77	1.70813
4 9 2 8 1 o	167.9377	173.2879	0.21	1.70603
6 0 2 4 1 o	25791.1113	26517.3203	180.16	1.70516
0 15 1 4 1 o	1531.0958	1573.1938	0.54	1.70499
6 1 2 8 1 o	12169.2461	12350.5967	180.44	1.70178
1 12 2 8 1 o	8443.4531	8469.9385	0.41	1.69908
2 1 3 8 1 o	232.8459	232.7035	359.85	1.69796
6 9 1 8 1 o	12173.4287	12162.1455	180.19	1.69737
6 2 2 8 1 o	14.3820	14.2688	180.20	1.69175
1 15 1 8 1 o	17825.1523	17675.9277	0.32	1.69136
5 7 2 8 1 o	1663.8278	1648.2761	0.37	1.69072
0 16 0 2 1 o	5779.3599	5694.8003	180.35	1.68902
1 4 3 8 1 o	1971.2468	1938.3982	0.35	1.68861
2 2 3 8 1 o	276.9356	271.3113	0.18	1.68799
3 14 1 8 1 o	1396.2213	1374.9814	180.56	1.67988
8 0 0 2 1 o	434.0450	456.9088	358.53	1.67592
6 3 2 8 1 o	2478.1060	2638.1448	0.42	1.67541
4 13 1 8 1 o	961.2499	1028.9855	180.11	1.67523
4 14 0 4 1 o	2333.8521	2515.4792	0.32	1.67275
0 5 3 4 1 o	340.8159	369.2234	359.80	1.67257
7 6 1 8 1 o	5161.8096	5536.0088	0.26	1.67179
2 3 3 8 1 o	12457.9443	13442.0820	180.33	1.67176
3 15 0 4 1 o	1302.7091	1397.4030	180.52	1.67096
3 11 2 8 1 o	174.1731	184.5478	0.76	1.66804
8 2 0 4 1 o	1278.7952	1359.4160	0.07	1.66318
1 5 3 8 1 o	14.8522	16.0728	359.04	1.65970
2 12 2 8 1 o	9695.2031	10494.8633	0.29	1.65957
6 4 2 8 1 o	0.2336	0.2521	13.25	1.65332
2 15 1 8 1 o	1325.8499	1437.2720	180.47	1.65238
2 4 3 8 1 o	330.7113	371.8174	0.09	1.64981
4 10 2 8 1 o	455.2366	530.1823	180.31	1.64489
5 8 2 8 1 o	25.9217	28.6428	180.79	1.64317
5 13 0 4 1 o	1908.9022	2086.0386	180.70	1.64292
5 12 1 8 1 o	305.4750	299.7479	359.89	1.63920
2 16 0 4 1 o	4011.1465	3871.9644	180.19	1.63784
6 10 1 8 1 o	5905.5503	5709.9897	0.58	1.63712
3 1 3 8 1 o	885.0517	884.6802	0.03	1.63371
7 7 1 8 1 o	266.5850	279.3545	179.89	1.63169

8 4 0 4 1 o	124.7940	135.4960	181.12	1.62662
1 6 3 8 1 o	5221.5811	5715.2144	180.20	1.62631
6 5 2 8 1 o	3150.8079	3425.1096	180.56	1.62616
3 2 3 8 1 o	793.3810	852.2717	180.49	1.62483
2 5 3 8 1 o	547.6936	576.6417	180.09	1.62282
1 13 2 8 1 o	265.7318	279.2860	180.35	1.62088
7 9 0 4 1 o	587.1240	759.5275	0.12	1.61480
3 3 3 8 1 o	69.0067	87.4099	180.31	1.61034
0 7 3 4 1 o	515.6988	442.1062	0.56	1.60061
3 12 2 8 1 o	5695.4351	5080.2090	180.36	1.59944
1 16 1 8 1 o	640.6050	609.0608	0.24	1.59717
6 6 2 8 1 o	6010.3545	5923.9570	0.12	1.59471
4 14 1 8 1 o	8157.9038	8062.8291	180.44	1.59455
8 1 1 8 1 o	358.7971	352.9037	0.40	1.59451
5 9 2 8 1 o	14.1224	14.0172	359.82	1.59385
3 15 1 8 1 o	7342.9639	7305.1997	180.33	1.59300
2 6 3 8 1 o	122.7294	122.1944	180.34	1.59156
3 4 3 8 1 o	3719.1770	3699.2944	180.49	1.59070
1 7 3 8 1 o	273.4586	271.7754	180.18	1.58933
7 8 1 8 1 o	27077.3301	26943.8398	180.33	1.58883
2 13 2 8 1 o	2239.3130	2228.3728	0.40	1.58647
8 2 1 8 1 o	1471.6290	1468.0010	180.49	1.58625
6 12 0 4 1 o	28591.8262	28492.4844	180.16	1.58622
4 11 2 8 1 o	1616.1229	1609.7161	180.40	1.58441
1 17 0 4 1 o	62308.7852	62912.1602	180.24	1.57861
6 11 1 8 1 o	751.1206	769.9589	0.23	1.57746
8 3 1 8 1 o	566.4843	660.6705	180.70	1.57276
8 6 0 4 1 o	51.6488	65.0901	357.05	1.57071
5 13 1 8 1 o	180.2047	249.5535	180.48	1.56865
3 5 3 8 1 o	695.4384	1019.9960	0.19	1.56646
2 16 1 8 1 o	407.8501	582.5909	0.34	1.56422
6 7 2 8 1 o	976.2361	1168.1661	180.47	1.55979
0 14 2 4 1 o	350.5750	385.3904	179.99	1.55788
2 7 3 8 1 o	1842.3870	1950.2767	0.19	1.55685
4 1 3 8 1 o	890.0195	903.9601	180.06	1.55491
8 4 1 8 1 o	2634.8015	2683.3870	180.34	1.55444
7 0 2 4 1 o	1829.0361	1823.4896	180.80	1.54997
1 8 3 8 1 o	45269.2578	44980.8594	0.25	1.54964
1 14 2 8 1 o	534.3628	533.5704	180.28	1.54746
7 1 2 8 1 o	21675.8086	21647.3828	180.34	1.54743
4 2 3 8 1 o	379.0518	378.5362	359.94	1.54724
7 9 1 8 1 o	2557.0464	2532.6755	0.71	1.54411
5 10 2 8 1 o	822.5573	812.8190	0.24	1.54366
7 2 2 8 1 o	12.5537	12.2021	180.74	1.53988
3 6 3 8 1 o	0.3510	0.3413	20.92	1.53829
4 3 3 8 1 o	9125.9932	8951.2246	0.27	1.53472
3 13 2 8 1 o	1046.8447	1020.1024	0.45	1.53369
8 5 1 8 1 o	11.0068	10.4053	359.89	1.53180
7 3 2 8 1 o	4899.6450	4368.4375	0.37	1.52753
4 12 2 8 1 o	1475.4186	1304.1570	180.20	1.52527
6 8 2 8 1 o	1784.6831	1661.6527	180.13	1.52222
0 17 1 4 1 o	68.5592	63.9635	180.09	1.52210
4 15 1 8 1 o	189.4407	183.4656	0.60	1.51968
2 8 3 8 1 o	31.2279	30.4021	0.45	1.51949

6 12 1 8 1 o	2642.0728	2571.4768	180.46	1.51906
0 9 3 4 1 o	135188.7969	133629.0469	0.35	1.51769
4 4 3 8 1 o	106.4776	104.8894	0.10	1.51768
2 14 2 8 1 o	3954.5505	3906.7014	180.25	1.51744
3 16 1 8 1 o	55.9458	54.0005	180.35	1.51356
1 17 1 8 1 o	222.0154	210.5203	0.19	1.51238
7 4 2 8 1 o	344.3203	320.6225	180.60	1.51073
7 11 0 4 1 o	760.0190	706.7358	0.74	1.51053
4 16 0 4 1 o	1562.4152	1445.1473	180.45	1.50834
1 9 3 8 1 o	281.9778	260.0340	0.45	1.50806
3 7 3 8 1 o	617.6157	575.0596	0.13	1.50688
8 6 1 8 1 o	3467.2910	3262.8572	0.41	1.50543
5 14 1 8 1 o	1306.7214	1243.3485	0.55	1.50182
0 18 0 2 1 o	113358.1797	108025.1875	180.36	1.50135
8 8 0 4 1 o	224.1134	213.8256	179.84	1.50131
7 10 1 8 1 o	14736.1064	14214.1113	180.31	1.49834
3 17 0 4 1 o	176.7891	170.8881	1.97	1.49774
4 5 3 8 1 o	73.4217	71.3400	181.18	1.49659
5 15 0 4 1 o	94.3888	92.5091	2.29	1.49544
5 11 2 8 1 o	568.4193	568.8846	180.48	1.49334
7 5 2 8 1 o	3303.7905	3369.6528	180.36	1.48992
9 1 0 4 1 o	14770.9854	14968.0830	0.37	1.48745
2 17 1 8 1 o	4.7790	4.9318	359.85	1.48432
6 9 2 8 1 o	4.4847	4.8048	180.72	1.48276
2 9 3 8 1 o	1847.5261	2107.4038	359.17	1.48023
1 15 2 8 1 o	2080.3071	2319.2317	0.17	1.47875
8 7 1 8 1 o	1532.8719	1493.2024	180.33	1.47596
3 8 3 8 1 o	94.1967	81.6669	182.65	1.47293
4 6 3 8 1 o	15.5475	13.3974	1.35	1.47197
3 14 2 8 1 o	55.0213	47.3655	0.85	1.47106
9 3 0 4 1 o	2052.1057	1821.6830	180.61	1.46975
5 1 3 8 1 o	202.3707	180.2726	180.02	1.46856
4 13 2 8 1 o	1285.5782	1153.7844	180.77	1.46793
7 6 2 8 1 o	17431.4492	16305.9385	180.21	1.46562
1 10 3 8 1 o	14052.1064	13137.3643	0.28	1.46533
2 18 0 4 1 o	608.3542	573.8854	178.20	1.46506
6 13 1 8 1 o	151.6646	151.8167	0.50	1.46240
5 2 3 8 1 o	4302.7847	4341.6196	0.33	1.46210
6 14 0 4 1 o	193.4644	202.5109	359.89	1.46076
2 15 2 8 1 o	2419.8340	3065.1768	180.25	1.45249
7 11 1 8 1 o	38.1491	46.7449	180.01	1.45220
5 3 3 8 1 o	481.0675	584.9719	180.07	1.45152
4 16 1 8 1 o	234.7747	271.4475	180.74	1.45026
4 7 3 8 1 o	258.6146	254.3844	0.49	1.44438
8 8 1 8 1 o	18809.6152	18413.6660	180.32	1.44400
5 12 2 8 1 o	454.9484	442.0656	0.19	1.44351
6 10 2 8 1 o	14.5265	13.8134	0.46	1.44209
3 17 1 8 1 o	8.7643	8.1871	359.26	1.44083
2 10 3 8 1 o	89.4009	82.4744	0.25	1.43976
5 15 1 8 1 o	3481.6611	3199.7092	0.16	1.43877
7 7 2 8 1 o	396.5085	363.6891	180.53	1.43838
3 9 3 8 1 o	120.3249	109.2444	359.71	1.43709
5 4 3 8 1 o	4101.8862	3723.2705	0.62	1.43708
9 5 0 4 1 o	0.9617	0.8645	9.89	1.43616

1 18 1 8 1 o	154.0563	137.5018	180.28	1.43574
9 1 1 8 1 o	87.1820	74.7667	0.59	1.43166
0 11 3 4 1 o	198.8396	168.4870	180.64	1.43016
9 2 1 8 1 o	38.3480	33.1458	178.87	1.42567
8 10 0 4 1 o	29.5662	25.6462	181.02	1.42427
0 16 2 4 1 o	2920.7903	2539.8696	0.27	1.42250
1 11 3 8 1 o	0.0964	0.0840	351.35	1.42209
5 5 3 8 1 o	138.0357	128.1045	359.99	1.41913
9 3 1 8 1 o	297.7295	295.0040	181.72	1.41585
8 0 2 4 1 o	63137.5547	63625.8125	180.29	1.41465
1 16 2 8 1 o	207.6593	211.2535	0.54	1.41456
1 19 0 4 1 o	6275.0762	6365.7261	180.27	1.41440
4 8 3 8 1 o	12.7890	13.0179	181.02	1.41439
4 14 2 8 1 o	6.6448	6.8203	0.56	1.41274
8 1 2 8 1 o	15510.3066	15821.2412	0.31	1.41271
2 18 1 8 1 o	77.3779	79.4195	179.87	1.41166
3 15 2 8 1 o	15.9599	16.4111	182.41	1.41166
8 9 1 8 1 o	42215.2734	43142.6602	180.31	1.41019
7 8 2 8 1 o	31.3349	31.9710	179.24	1.40876
7 13 0 4 1 o	2262.8157	2307.4001	0.50	1.40860
6 14 1 8 1 o	4624.8218	4711.5425	0.53	1.40781
8 2 2 8 1 o	6.6685	6.7818	359.55	1.40696
7 12 1 8 1 o	3903.7324	3971.6611	0.31	1.40625
9 4 1 8 1 o	986.4604	1009.5137	0.13	1.40244
6 11 2 8 1 o	949.2949	976.7451	0.56	1.40082
3 10 3 8 1 o	1010.4717	1039.8578	180.88	1.39997
2 11 3 8 1 o	334.4274	339.7829	180.01	1.39868
5 6 3 8 1 o	2051.4009	2061.9805	180.61	1.39809
8 3 2 8 1 o	1356.3685	1350.1349	180.52	1.39752
5 13 2 8 1 o	56.7374	54.6815	181.85	1.39463
2 16 2 8 1 o	2875.1218	2728.2429	0.37	1.39152
9 7 0 4 1 o	394.0243	370.7093	179.45	1.38983
4 17 1 8 1 o	0.7292	0.7284	1.59	1.38590
9 5 1 8 1 o	726.3182	724.4812	180.23	1.38575
8 4 2 8 1 o	86.5302	88.0483	359.86	1.38462
4 9 3 8 1 o	3833.1580	3969.9871	0.81	1.38257
6 1 3 8 1 o	262.5418	267.6688	180.62	1.38030
5 16 1 8 1 o	1789.0870	1807.1515	0.29	1.37944
1 12 3 8 1 o	2084.8867	2093.9146	180.30	1.37886
7 9 2 8 1 o	428.0232	419.5524	0.00	1.37730
8 10 1 8 1 o	6900.2896	6621.6655	180.41	1.37506
6 2 3 8 1 o	4.4681	4.2772	1.76	1.37493
5 7 3 8 1 o	108.3766	103.2894	180.12	1.37438
3 18 1 8 1 o	223.8179	213.1189	180.40	1.37409
0 19 1 4 1 o	36.0183	34.2011	180.10	1.37332
4 18 0 4 1 o	3157.2852	3015.8159	180.85	1.37018
8 5 2 8 1 o	1131.9370	1092.8857	0.55	1.36855
5 17 0 4 1 o	20820.7285	20291.6621	180.62	1.36743
1 19 1 8 1 o	929.1731	922.1958	0.09	1.36617
9 6 1 8 1 o	233.6477	232.0063	359.81	1.36613
6 3 3 8 1 o	21.3135	21.1726	2.37	1.36612
3 11 3 8 1 o	244.3201	257.6444	180.00	1.36211
7 13 1 8 1 o	7.0385	7.2294	3.95	1.36094
4 15 2 8 1 o	0.8115	0.8173	16.31	1.35988

6 12 2 8 1 o	1273.1625	1261.6641	0.08	1.35944
2 12 3 8 1 o	278.6511	256.7506	359.94	1.35749
3 16 2 8 1 o	0.0198	0.0172	331.84	1.35549
6 15 1 8 1 o	55.8438	49.0603	0.58	1.35548
3 19 0 4 1 o	4905.7925	4298.8931	0.51	1.35535
1 17 2 8 1 o	293.7838	253.7985	0.74	1.35465
6 4 3 8 1 o	72.7385	63.3220	0.07	1.35406
0 20 0 2 1 o	394.1104	362.1773	0.77	1.35122
8 6 2 8 1 o	8174.2466	7819.5664	180.27	1.34964
4 10 3 8 1 o	212.8808	205.3988	180.27	1.34942
5 8 3 8 1 o	16718.2324	16410.8262	0.63	1.34847
6 16 0 4 1 o	4508.6733	4461.4126	180.32	1.34742
5 14 2 8 1 o	862.4398	857.0894	180.30	1.34704
2 19 1 8 1 o	39.0302	38.5706	180.28	1.34538
7 10 2 8 1 o	195.6191	191.9895	180.55	1.34453
8 12 0 4 1 o	20151.7422	19765.0039	0.26	1.34448
9 7 1 8 1 o	143.2130	139.9991	359.83	1.34399
0 13 3 4 1 o	2.4287	2.3515	4.37	1.34275
10 0 0 2 1 o	42080.5000	40674.8242	0.54	1.34074
8 11 1 8 1 o	42.0413	40.5500	0.46	1.33914
6 5 3 8 1 o	187.8152	180.8070	179.77	1.33902
1 13 3 8 1 o	705.2944	696.1256	180.23	1.33607
9 9 0 4 1 o	304.0477	306.6932	0.18	1.33450
2 17 2 8 1 o	15743.7305	15873.6182	0.31	1.33437
10 2 0 4 1 o	458.4173	464.3948	0.16	1.33419
8 7 2 8 1 o	135.1707	165.7685	1.06	1.32828
4 18 1 8 1 o	508.8600	673.8395	180.22	1.32620
2 20 0 4 1 o	902.8125	1139.1246	0.04	1.32458
3 12 3 8 1 o	26.8673	33.3732	178.71	1.32398
5 17 1 8 1 o	499.0826	604.0048	0.25	1.32371
6 6 3 8 1 o	335.1207	363.0485	180.37	1.32130
5 9 3 8 1 o	28.0961	29.8972	0.33	1.32081
9 8 1 8 1 o	5928.2559	6127.8276	180.19	1.31973
0 0 4 2 1 o	726.3106	737.1527	180.47	1.31918
6 13 2 8 1 o	1502.7500	1505.4363	0.65	1.31838
7 14 1 8 1 o	652.1923	642.3805	180.73	1.31661
2 13 3 8 1 o	799.8058	784.4043	359.97	1.31660
4 11 3 8 1 o	64.2644	62.7740	180.85	1.31542
10 4 0 4 1 o	350.3672	343.7178	0.31	1.31509
0 2 4 4 1 o	226.3848	221.2941	180.16	1.31294
1 0 4 4 1 o	76671.4453	74988.4531	180.34	1.31284
3 19 1 8 1 o	146.4750	143.4198	179.92	1.31274
7 15 0 4 1 o	13094.2803	12847.7939	180.30	1.31230
1 1 4 8 1 o	58.3825	57.6134	1.03	1.31129
7 11 2 8 1 o	144.8235	142.6153	1.13	1.31089
4 16 2 8 1 o	3864.3037	3767.2544	0.28	1.30946
1 2 4 8 1 o	83.9802	76.3444	0.33	1.30669
6 16 1 8 1 o	1440.0890	1298.5757	0.47	1.30553
0 18 2 4 1 o	14717.5469	13180.1055	180.32	1.30488
8 8 2 8 1 o	11.9485	10.7839	178.92	1.30485
8 12 1 8 1 o	1195.7203	1091.5106	0.62	1.30286
1 20 1 8 1 o	823.7272	750.2339	0.15	1.30279
3 17 2 8 1 o	18868.9277	17218.0371	0.42	1.30250
6 7 3 8 1 o	3633.8928	3381.8130	0.26	1.30123

5 15 2 8 1 o	194.4240	181.5565	1.09	1.30099
1 3 4 8 1 o	20.7721	19.9068	359.31	1.29912
1 18 2 8 1 o	60243.0938	57950.8398	0.34	1.29874
10 1 1 8 1 o	25.6349	24.7512	0.21	1.29795
9 0 2 4 1 o	51381.1289	49832.5000	0.34	1.29721
9 1 2 8 1 o	70.1873	68.3980	180.32	1.29572
0 4 4 4 1 o	361.3207	353.1326	180.49	1.29473
2 0 4 4 1 o	27337.3008	26720.8477	0.37	1.29436
1 14 3 8 1 o	831.3051	812.7465	0.58	1.29405
7 1 3 8 1 o	82.2624	80.3661	0.10	1.29403
9 9 1 8 1 o	57157.8516	55825.4297	180.34	1.29377
10 2 1 8 1 o	1349.8730	1318.2427	0.40	1.29348
2 1 4 8 1 o	10545.7559	10291.4248	180.34	1.29287
5 10 3 8 1 o	5444.6489	5305.2959	0.78	1.29182
9 2 2 8 1 o	1.7844	1.7429	1.17	1.29127
7 2 3 8 1 o	2412.3218	2373.1765	180.46	1.28960
1 4 4 8 1 o	337.8723	335.1201	180.08	1.28873
2 2 4 8 1 o	1229.7367	1223.5249	0.19	1.28846
10 3 1 8 1 o	55.3561	55.5972	1.90	1.28614
3 13 3 8 1 o	1571.6600	1587.5765	0.17	1.28596
10 6 0 4 1 o	3017.4080	3020.5044	0.74	1.28501
2 20 1 8 1 o	91.5425	91.5684	359.27	1.28472
9 3 2 8 1 o	7.2531	7.2214	182.25	1.28396
7 3 3 8 1 o	47.4254	47.0445	0.24	1.28232
2 3 4 8 1 o	768.9196	766.1904	0.46	1.28120
1 21 0 4 1 o	310.1466	309.8990	0.52	1.28099
4 12 3 8 1 o	990.3162	988.5666	0.26	1.28098
2 18 2 8 1 o	30161.0918	30150.8066	0.37	1.28084
8 9 2 8 1 o	0.0234	0.0237	2.32	1.27974
6 8 3 8 1 o	1.4668	1.4928	177.13	1.27918
6 14 2 8 1 o	674.1162	698.4123	180.37	1.27796
7 12 2 8 1 o	561.7355	593.4324	0.72	1.27679
2 14 3 8 1 o	4.4634	4.7762	179.92	1.27634
10 4 1 8 1 o	399.8396	424.5961	180.35	1.27606
1 5 4 8 1 o	38.0402	41.0739	359.68	1.27574
9 4 2 8 1 o	705.1083	761.1594	0.40	1.27394
9 11 0 4 1 o	731.1913	789.3139	180.68	1.27382
7 15 1 8 1 o	0.3207	0.3476	23.95	1.27351
7 4 3 8 1 o	2759.9805	2952.0244	180.48	1.27233
5 18 1 8 1 o	4.5657	4.7778	180.51	1.27140
2 4 4 8 1 o	204.4145	213.7353	0.27	1.27124
4 19 1 8 1 o	585.7167	601.1779	180.21	1.27079
8 13 1 8 1 o	948.9313	870.0118	180.34	1.26658
9 10 1 8 1 o	1.3997	1.2837	179.76	1.26648
0 6 4 4 1 o	47.5056	42.9085	182.04	1.26600
8 14 0 4 1 o	667.3438	604.7034	0.39	1.26551
3 0 4 4 1 o	5165.1533	4643.3945	0.71	1.26521
3 1 4 8 1 o	8649.8545	7738.3770	0.43	1.26383
10 5 1 8 1 o	304.1367	274.4763	0.39	1.26345
5 11 3 8 1 o	2.4512	2.2028	180.35	1.26190
4 17 2 8 1 o	1218.9901	1099.4697	181.37	1.26150
9 5 2 8 1 o	6.1030	5.5452	0.41	1.26139
1 6 4 8 1 o	10043.2109	9180.4609	180.43	1.26039
7 5 3 8 1 o	129.1656	119.5944	180.19	1.25983

3 2 4 8 1 o	36.9579	34.2375	359.76	1.25970
2 5 4 8 1 o	1864.7278	1757.8660	180.52	1.25876
0 15 3 4 1 o	14999.8701	14190.3457	0.40	1.25857
6 17 1 8 1 o	0.0816	0.0778	352.49	1.25798
5 16 2 8 1 o	71.4740	69.2061	180.20	1.25663
5 19 0 4 1 o	3876.4080	3756.1450	180.74	1.25651
3 20 1 8 1 o	1488.6068	1445.8187	0.34	1.25621
6 9 3 8 1 o	1395.8740	1362.9374	0.97	1.25549
8 10 2 8 1 o	327.3355	327.5163	180.40	1.25331
4 20 0 4 1 o	363.3043	364.0026	0.61	1.25322
1 15 3 8 1 o	132.4401	133.0726	179.85	1.25306
3 3 4 8 1 o	748.8264	753.7154	180.36	1.25291
3 18 2 8 1 o	4854.9189	4909.6558	180.63	1.25258
0 21 1 4 1 o	4904.5659	5135.5835	180.30	1.25023
10 6 1 8 1 o	127.2295	134.4918	359.18	1.24853
3 14 3 8 1 o	4405.9751	4718.2788	180.50	1.24837
1 19 2 8 1 o	512.0991	544.1877	180.25	1.24657
9 6 2 8 1 o	13275.1514	13994.9121	0.33	1.24654
4 13 3 8 1 o	994.5345	1056.4537	180.20	1.24645
6 18 0 4 1 o	1537.7832	1620.7299	180.81	1.24620
10 8 0 4 1 o	290.5233	304.5533	180.33	1.24617
7 6 3 8 1 o	3099.6196	3211.0278	0.42	1.24503
1 21 1 8 1 o	6803.2129	7026.1836	180.46	1.24483
2 6 4 8 1 o	205.0240	208.0540	1.00	1.24401
3 4 4 8 1 o	206.4334	207.2473	180.33	1.24359
1 7 4 8 1 o	41.3321	40.8159	180.51	1.24294
7 13 2 8 1 o	728.9206	715.9260	0.44	1.24259
6 15 2 8 1 o	3201.0845	3077.2969	180.41	1.23843
9 11 1 8 1 o	104.7117	100.5770	0.31	1.23825
2 15 3 8 1 o	9959.3447	9429.9873	180.41	1.23696
3 21 0 4 1 o	33.1260	31.2979	181.53	1.23663
3 5 4 8 1 o	1551.7878	1533.8318	0.50	1.23191
7 16 1 8 1 o	1000.2885	987.6467	180.26	1.23181
10 7 1 8 1 o	253.9994	250.9999	180.37	1.23156
5 12 3 8 1 o	4459.5415	4435.4170	180.44	1.23140
2 19 2 8 1 o	4879.4336	4866.8638	0.36	1.23071
8 14 1 8 1 o	2082.2136	2071.9155	180.47	1.23061
6 10 3 8 1 o	304.5116	303.4468	0.27	1.23052
9 7 2 8 1 o	850.9154	845.3638	0.47	1.22965
2 21 1 8 1 o	5873.8501	5821.4385	0.33	1.22904
0 8 4 4 1 o	195.8247	193.5620	0.15	1.22881
0 22 0 2 1 o	1776.8173	1762.4569	180.39	1.22838
7 7 3 8 1 o	154.8967	153.7715	0.06	1.22821
4 0 4 4 1 o	3532.7236	3521.2959	0.26	1.22753
2 7 4 8 1 o	438.1273	438.0535	180.43	1.22722
4 1 4 8 1 o	1637.9423	1678.4110	1.04	1.22627
8 11 2 8 1 o	0.1404	0.1455	323.62	1.22593
1 8 4 8 1 o	119.5864	135.0363	180.23	1.22368
7 17 0 4 1 o	11237.0742	12595.5938	0.36	1.22324
4 2 4 8 1 o	62.9346	71.2880	179.97	1.22250
5 19 1 8 1 o	73.1799	82.4097	359.58	1.22234
4 20 1 8 1 o	3133.7354	3351.3196	0.36	1.21930
3 6 4 8 1 o	5748.6489	6029.1064	0.38	1.21807
11 1 0 4 1 o	11867.9590	12391.5215	0.29	1.21762

4 3 4 8 1 o	709.1056	734.0725	180.74	1.21629
4 18 2 8 1 o	84.8761	87.8890	0.07	1.21598
5 17 2 8 1 o	3813.0024	4011.2842	359.95	1.21406
1 16 3 8 1 o	103.8893	110.4062	0.21	1.21328
6 18 1 8 1 o	0.0300	0.0317	13.17	1.21283
10 8 1 8 1 o	1319.2241	1386.4274	179.94	1.21281
4 14 3 8 1 o	1.0348	1.0978	359.52	1.21213
8 1 3 8 1 o	788.0329	829.5178	179.99	1.21211
3 15 3 8 1 o	515.1229	544.5507	0.03	1.21145
9 8 2 8 1 o	0.2278	0.2371	187.83	1.21099
9 13 0 4 1 o	24.6271	25.5822	180.65	1.21089
7 8 3 8 1 o	6481.7065	6592.5674	180.43	1.20961
9 12 1 8 1 o	170.5952	171.4049	359.89	1.20940
2 8 4 8 1 o	124.5764	122.9788	359.87	1.20867
7 14 2 8 1 o	131.8771	128.8370	0.54	1.20858
8 2 3 8 1 o	0.4047	0.3925	355.11	1.20847
2 22 0 4 1 o	595.5131	572.8507	0.37	1.20826
11 3 0 4 1 o	30.4994	28.4847	179.38	1.20785
4 4 4 8 1 o	491.0782	458.1462	180.20	1.20776
3 19 2 8 1 o	2066.8013	1718.2759	0.54	1.20558
6 11 3 8 1 o	63.8504	51.6240	180.19	1.20457
3 21 1 8 1 o	2323.7485	1870.4562	0.54	1.20401
1 9 4 8 1 o	9.8538	7.9163	179.68	1.20289
0 20 2 4 1 o	54.6551	44.3509	0.24	1.20267
8 3 3 8 1 o	127.1793	104.7269	182.24	1.20247
3 7 4 8 1 o	205.0831	168.0835	180.08	1.20229
10 10 0 4 1 o	950.5110	822.1606	0.31	1.20105
5 13 3 8 1 o	521.3669	456.8899	180.17	1.20063
6 16 2 8 1 o	1948.2698	1738.9851	0.35	1.19999
2 16 3 8 1 o	250.5957	229.6312	0.21	1.19864
8 12 2 8 1 o	422.5130	390.1364	0.96	1.19791
1 20 2 8 1 o	11.0760	10.2563	181.77	1.19786
4 5 4 8 1 o	2762.3108	2573.2329	0.65	1.19705
10 0 2 4 1 o	1160.7700	1068.5559	0.65	1.19526
8 15 1 8 1 o	850.9582	782.3027	180.51	1.19520
8 4 3 8 1 o	233.5261	213.3679	180.08	1.19423
10 1 2 8 1 o	189.8242	173.8904	359.73	1.19409
10 9 1 8 1 o	1450.0458	1344.3768	0.51	1.19257
1 22 1 8 1 o	261.2690	246.3419	180.45	1.19166
7 17 1 8 1 o	29.7780	28.1161	180.83	1.19164
9 9 2 8 1 o	13.7752	13.3690	180.65	1.19083
10 2 2 8 1 o	9.4963	9.2826	180.91	1.19061
8 16 0 4 1 o	798.7089	806.7134	180.27	1.18966
7 9 3 8 1 o	16.6451	16.9310	0.55	1.18952
11 5 0 4 1 o	4261.7407	4335.0479	0.37	1.18899
2 9 4 8 1 o	26.1386	27.2021	359.94	1.18863
11 1 1 8 1 o	240.6234	246.0456	180.12	1.18644
0 10 4 4 1 o	156.9431	162.0747	180.17	1.18548
10 3 2 8 1 o	11.3801	11.6959	177.16	1.18488
3 8 4 8 1 o	17.0367	17.6656	179.51	1.18483
4 6 4 8 1 o	159.4874	165.3692	359.85	1.18433
8 5 3 8 1 o	23.0723	23.7317	182.03	1.18387
2 20 2 8 1 o	1607.9677	1661.1658	180.35	1.18377
5 0 4 4 1 o	16264.1855	16764.4824	180.17	1.18369

11	2	1	8	1	o	39.0816	39.5243	180.63	1.18302
5	1	4	8	1	o	565.5259	569.5675	359.86	1.18256
1	10	4	8	1	o	49.6584	47.8865	0.25	1.18087
9	13	1	8	1	o	666.0069	643.9229	180.50	1.18021
0	17	3	4	1	o	513.4655	496.7576	0.16	1.17937
5	2	4	8	1	o	333.5164	323.5565	0.23	1.17918
4	15	3	8	1	o	4128.7319	4039.2517	0.33	1.17824
6	12	3	8	1	o	30.7386	30.0641	181.03	1.17796
2	22	1	8	1	o	1888.2233	1845.5132	180.40	1.17778
11	3	1	8	1	o	2642.0337	2571.9712	0.68	1.17740
10	4	2	8	1	o	417.0831	405.2582	0.25	1.17698
5	20	1	8	1	o	270.9785	261.9230	180.41	1.17631
3	16	3	8	1	o	522.6214	501.0696	180.59	1.17539
7	15	2	8	1	o	2094.0325	2007.0927	180.40	1.17498
1	17	3	8	1	o	3.6886	3.5302	0.90	1.17483
5	3	4	8	1	o	306.1974	293.5351	180.16	1.17360
5	18	2	8	1	o	12545.7295	12026.5547	0.16	1.17333
4	19	2	8	1	o	1816.0323	1739.2196	180.79	1.17285
8	6	3	8	1	o	32.2553	30.5793	0.83	1.17157
4	21	1	8	1	o	1875.5984	1774.9899	180.18	1.17140
10	10	1	8	1	o	1012.3560	954.9239	179.96	1.17110
1	23	0	4	1	o	430.2398	402.6476	180.75	1.17049
6	19	1	8	1	o	25.5129	23.7292	179.66	1.17002
5	14	3	8	1	o	8104.6763	7513.8237	0.54	1.16986
4	7	4	8	1	o	104.2355	96.5704	1.31	1.16982
11	4	1	8	1	o	149.8763	139.0750	179.65	1.16965
8	13	2	8	1	o	502.3163	464.2730	180.58	1.16953
9	10	2	8	1	o	691.7344	639.2056	0.32	1.16946
7	10	3	8	1	o	3621.6536	3286.9614	180.58	1.16821
2	10	4	8	1	o	463.6637	415.5791	0.32	1.16737
10	5	2	8	1	o	185.4560	168.3742	0.39	1.16706
3	9	4	8	1	o	3.6664	3.3299	178.76	1.16594
5	4	4	8	1	o	0.0303	0.0276	40.57	1.16593
6	17	2	8	1	o	9072.6045	9268.1719	0.56	1.16275
11	7	0	4	1	o	397.2860	408.6049	180.64	1.16230
2	17	3	8	1	o	320.7814	340.5466	180.20	1.16153
3	20	2	8	1	o	9.2786	9.8571	1.52	1.16135
8	16	1	8	1	o	1212.8470	1297.0332	180.48	1.16053
5	21	0	4	1	o	2765.1121	2969.8652	0.47	1.16019
11	5	1	8	1	o	0.8795	0.9388	357.26	1.15991
1	11	4	8	1	o	97.6973	104.8494	180.14	1.15789
8	7	3	8	1	o	589.0452	624.6595	0.20	1.15751
5	5	4	8	1	o	811.2567	838.0803	180.58	1.15629
6	20	0	4	1	o	953.8032	984.2635	0.22	1.15626
3	22	1	8	1	o	125.1108	127.1991	0.82	1.15570
10	6	2	8	1	o	5359.6230	5419.2002	0.34	1.15527
4	8	4	8	1	o	243.6967	243.9706	180.23	1.15372
4	22	0	4	1	o	26.3350	26.6713	180.08	1.15337
7	18	1	8	1	o	53.5757	54.7470	180.61	1.15305
1	21	2	8	1	o	288.5595	302.1109	180.15	1.15235
10	12	0	4	1	o	22450.4180	23688.6699	180.36	1.15203
9	14	1	8	1	o	0.1165	0.1268	174.65	1.15095
6	13	3	8	1	o	1576.4141	1729.2668	0.34	1.15094
10	11	1	8	1	o	267.1041	286.9537	0.21	1.14867

11	6	1	8	1	o	286.6912	305.0812	0.47	1.14834
9	15	0	4	1	o	92.1525	97.7951	1.64	1.14807
9	11	2	8	1	o	0.1793	0.1856	343.07	1.14712
0	23	1	4	1	o	55.3388	56.9739	180.01	1.14688
7	11	3	8	1	o	200.8469	199.7392	180.20	1.14595
3	10	4	8	1	o	4.1682	4.1268	181.41	1.14585
2	11	4	8	1	o	14.2391	13.6995	2.18	1.14515
4	16	3	8	1	o	3.9617	3.7972	181.39	1.14499
5	6	4	8	1	o	862.4405	824.0551	180.24	1.14482
1	23	1	8	1	o	499.3936	475.2463	0.55	1.14271
7	16	2	8	1	o	23.1140	22.1666	1.08	1.14200
7	19	0	4	1	o	9036.6582	8671.5332	0.42	1.14191
8	8	3	8	1	o	55.4699	53.2304	180.53	1.14191
10	7	2	8	1	o	65.4231	62.8194	181.27	1.14179
8	14	2	8	1	o	67.2972	64.6397	180.50	1.14104
3	17	3	8	1	o	351.1744	334.7819	0.06	1.14033
2	21	2	8	1	o	145.4247	137.6838	180.60	1.13978
5	15	3	8	1	o	218.8860	206.2928	180.08	1.13931
0	12	4	4	1	o	73.7828	69.6650	178.86	1.13827
1	18	3	8	1	o	11.5031	10.9481	1.25	1.13781
3	23	0	4	1	o	4447.1494	4338.8853	0.56	1.13636
4	9	4	8	1	o	99.9121	97.6214	0.27	1.13625
6	0	4	4	1	o	14633.1387	14341.3516	0.22	1.13599
9	1	3	8	1	o	771.2266	757.7268	180.16	1.13577
11	7	1	8	1	o	9.1347	9.0422	0.68	1.13509
6	1	4	8	1	o	6639.5718	6582.4761	180.60	1.13499
5	19	2	8	1	o	360.6966	360.2228	180.97	1.13443
1	12	4	8	1	o	4.5748	4.5877	166.40	1.13419
5	21	1	8	1	o	651.1519	662.2344	180.19	1.13312
9	2	3	8	1	o	1361.8361	1385.5593	0.48	1.13277
4	20	2	8	1	o	27.0712	27.6545	359.84	1.13201
6	2	4	8	1	o	410.5216	418.8483	0.12	1.13200
5	7	4	8	1	o	744.8256	757.9376	180.30	1.13169
2	23	1	8	1	o	6.8925	6.8072	357.69	1.13046
6	20	1	8	1	o	1313.2261	1276.4379	180.58	1.12946
11	9	0	4	1	o	55.6044	54.2999	0.58	1.12936
9	3	3	8	1	o	39.0892	38.6505	180.45	1.12783
6	3	4	8	1	o	2702.7986	2723.8323	0.50	1.12707
6	18	2	8	1	o	15729.0156	15957.1338	0.18	1.12682
10	8	2	8	1	o	80.0706	81.0525	180.02	1.12680
4	22	1	8	1	o	1055.6937	1072.1086	0.68	1.12677
8	17	1	8	1	o	0.3662	0.3716	176.97	1.12675
0	24	0	2	1	o	166.3136	171.6028	182.54	1.12602
2	18	3	8	1	o	68.3775	71.3478	180.15	1.12571
10	12	1	8	1	o	749.9811	774.6796	180.54	1.12552
8	9	3	8	1	o	9918.2949	10300.0957	180.43	1.12496
3	11	4	8	1	o	17.2033	18.0056	181.12	1.12481
9	12	2	8	1	o	1328.3992	1354.7954	180.80	1.12406
6	14	3	8	1	o	74.0433	75.1012	180.07	1.12375
7	12	3	8	1	o	639.1036	623.3178	0.70	1.12296
2	12	4	8	1	o	276.3183	257.9819	181.02	1.12221
9	15	1	8	1	o	791.2605	736.2592	181.04	1.12182
9	4	3	8	1	o	261.9639	240.8537	0.51	1.12102
11	8	1	8	1	o	229.6051	214.1507	180.97	1.12036

6 4 4 8 1 o	368.8043	340.5839	180.42	1.12027
3 21 2 8 1 o	543.4075	511.6874	180.59	1.11973
8 18 0 4 1 o	9843.9814	9957.9746	0.46	1.11826
4 10 4 8 1 o	63.3274	66.1581	0.40	1.11764
12 0 0 2 1 o	12663.0049	13148.2910	359.78	1.11728
5 8 4 8 1 o	473.4810	502.1337	180.31	1.11710
7 19 1 8 1 o	323.0386	344.9879	179.80	1.11608
0 22 2 4 1 o	310.4536	317.9209	180.27	1.11360
12 2 0 4 1 o	25.5427	25.9150	0.90	1.11348
8 15 2 8 1 o	2991.0300	2965.7461	0.39	1.11264
4 17 3 8 1 o	660.3275	651.7186	0.25	1.11251
9 5 3 8 1 o	52.5189	51.8079	179.78	1.11244
6 5 4 8 1 o	1819.5876	1763.5055	180.72	1.11170
3 23 1 8 1 o	7.8675	7.5556	357.16	1.11089
10 9 2 8 1 o	35.3796	33.9569	179.98	1.11051
2 24 0 4 1 o	451.9026	433.0650	178.75	1.11046
1 13 4 8 1 o	16.8934	16.1415	1.15	1.11001
1 22 2 8 1 o	836.2727	798.9670	0.45	1.10978
7 17 2 8 1 o	25828.9336	24682.8633	0.39	1.10977
5 16 3 8 1 o	123.5334	117.6770	1.08	1.10917
8 10 3 8 1 o	328.2830	304.0602	180.26	1.10689
11 0 2 4 1 o	7790.5601	7211.9258	180.76	1.10649
3 18 3 8 1 o	10.8151	9.9202	180.27	1.10638
0 19 3 4 1 o	151.5952	138.4583	0.26	1.10598
11 1 2 8 1 o	765.3534	705.2551	180.48	1.10556
11 9 1 8 1 o	8904.8857	8265.6797	0.74	1.10435
3 12 4 8 1 o	337.3539	318.2427	359.08	1.10305
11 2 2 8 1 o	478.9127	456.0550	180.11	1.10279
12 4 0 4 1 o	441.2487	424.5908	0.21	1.10231
1 19 3 8 1 o	729.7194	700.9336	180.21	1.10223
9 6 3 8 1 o	749.7361	721.8668	180.80	1.10221
10 13 1 8 1 o	510.6920	495.5938	0.37	1.10188
6 6 4 8 1 o	81.1129	79.4050	180.34	1.10150
5 9 4 8 1 o	252.3445	249.0100	0.16	1.10122
10 14 0 4 1 o	354.6274	350.3915	0.45	1.10118
9 13 2 8 1 o	7.7348	7.8017	359.89	1.10052
7 13 3 8 1 o	116.1482	121.6522	0.08	1.09948
2 13 4 8 1 o	1877.2521	2011.4097	0.43	1.09877
2 22 2 8 1 o	90.7875	96.6801	0.43	1.09855
11 3 2 8 1 o	1335.2963	1394.0455	0.36	1.09823
4 11 4 8 1 o	1510.8859	1606.4141	180.46	1.09809
1 24 1 8 1 o	1367.2146	1418.9069	0.31	1.09753
5 20 2 8 1 o	21.6149	22.3145	180.68	1.09735
6 15 3 8 1 o	306.1283	303.7141	179.81	1.09659
8 18 1 8 1 o	4.8775	4.4417	359.95	1.09396
4 21 2 8 1 o	303.8618	278.2006	0.73	1.09336
10 10 2 8 1 o	0.4633	0.4297	181.98	1.09312
9 16 1 8 1 o	1520.9174	1412.7272	0.34	1.09301
5 22 1 8 1 o	249.0899	233.9002	180.93	1.09258
6 19 2 8 1 o	4036.8770	3831.4729	0.59	1.09224
12 1 1 8 1 o	12.7467	12.1724	0.54	1.09216
11 4 2 8 1 o	199.6692	191.7471	180.30	1.09194
11 11 0 4 1 o	1391.0475	1338.7306	0.30	1.09186
2 19 3 8 1 o	363.6116	357.0329	0.21	1.09123

6 21 1 8 1 o	1125.0828	1108.5847	0.10	1.09107
9 7 3 8 1 o	52.7850	52.7477	179.96	1.09048
6 7 4 8 1 o	919.6940	932.6258	180.60	1.08979
12 2 1 8 1 o	1299.9166	1317.7523	180.24	1.08949
0 14 4 4 1 o	453.5784	464.5507	179.88	1.08914
8 11 3 8 1 o	256.9681	265.3845	0.01	1.08789
11 10 1 8 1 o	360.0898	372.8969	180.35	1.08723
9 17 0 4 1 o	14995.4385	15570.0967	180.45	1.08701
2 24 1 8 1 o	1736.7061	1809.4182	0.34	1.08666
7 0 4 4 1 o	1137.3633	1185.9969	359.31	1.08643
1 14 4 8 1 o	141.8966	148.5424	180.74	1.08556
7 1 4 8 1 o	11240.7334	11728.4844	0.38	1.08555
4 23 1 8 1 o	417.6805	434.8492	180.10	1.08512
12 3 1 8 1 o	1067.3629	1107.3300	180.62	1.08509
8 16 2 8 1 o	2278.3220	2357.0967	0.40	1.08451
12 6 0 4 1 o	1460.8218	1508.7726	180.84	1.08442
5 10 4 8 1 o	403.0092	415.6229	0.37	1.08425
11 5 2 8 1 o	42.4449	43.6957	0.93	1.08400
7 2 4 8 1 o	11.1754	11.4493	359.77	1.08293
4 18 3 8 1 o	54.4463	59.6437	180.09	1.08092
3 13 4 8 1 o	331.7708	366.1970	180.70	1.08078
7 20 1 8 1 o	1103.2777	1211.5482	0.44	1.08071
3 22 2 8 1 o	356.9499	395.6696	180.31	1.08056
5 17 3 8 1 o	6.4067	7.2492	0.40	1.07957
12 4 1 8 1 o	1251.5818	1389.0471	0.65	1.07902
7 3 4 8 1 o	2585.4092	2894.2166	180.29	1.07861
7 18 2 8 1 o	668.0210	745.8021	179.17	1.07840
10 14 1 8 1 o	81.6623	90.0386	359.85	1.07795
4 12 4 8 1 o	455.6470	505.9048	180.07	1.07782
1 25 0 4 1 o	73.1765	80.2543	180.30	1.07748
9 8 3 8 1 o	10013.5674	10946.8975	0.47	1.07741
6 8 4 8 1 o	32.6672	35.3070	180.06	1.07674
9 14 2 8 1 o	2.6291	2.8280	359.26	1.07668
6 22 0 4 1 o	120.5518	129.1019	181.09	1.07645
5 23 0 4 1 o	6738.0010	7171.3408	180.56	1.07619
7 14 3 8 1 o	2812.2839	2961.2329	180.57	1.07571
2 14 4 8 1 o	533.5665	553.7878	0.23	1.07504
10 11 2 8 1 o	322.7269	330.8121	0.61	1.07481
11 6 2 8 1 o	11995.8047	12184.3398	180.37	1.07454
3 19 3 8 1 o	281.7762	278.6078	0.24	1.07359
7 4 4 8 1 o	28.7026	27.2008	358.71	1.07265
12 5 1 8 1 o	219.2629	197.0493	0.49	1.07136
1 23 2 8 1 o	2.3723	2.0072	356.94	1.06992
6 16 3 8 1 o	111.1356	93.6108	0.44	1.06964
3 24 1 8 1 o	112.7897	95.2024	359.97	1.06924
11 11 1 8 1 o	262.5139	223.8258	359.85	1.06921
7 21 0 4 1 o	576.5405	495.8446	180.77	1.06817
8 12 3 8 1 o	17.7581	15.2511	179.12	1.06817
1 20 3 8 1 o	71.0660	60.7192	181.05	1.06813
4 24 0 4 1 o	2511.4426	2210.6511	359.89	1.06740
5 11 4 8 1 o	33.0942	30.1696	0.65	1.06637
10 1 3 8 1 o	190.9808	178.4093	180.52	1.06546
7 5 4 8 1 o	692.2648	651.3999	0.67	1.06512
9 17 1 8 1 o	15.2285	14.3986	0.74	1.06465

11 7 2 8 1 o	0.0419	0.0399	197.43	1.06366
9 9 3 8 1 o	448.6166	430.3184	180.33	1.06314
10 2 3 8 1 o	213.1557	204.6976	179.99	1.06298
6 9 4 8 1 o	3.7763	3.6412	359.59	1.06250
8 19 1 8 1 o	373.8926	360.8208	180.37	1.06224
12 6 1 8 1 o	681.7435	657.6573	0.20	1.06222
5 21 2 8 1 o	285.4690	275.7729	0.58	1.06204
1 15 4 8 1 o	176.4835	171.0367	180.23	1.06102
12 8 0 4 1 o	11.4435	11.1066	181.41	1.06077
2 23 2 8 1 o	1199.6748	1166.6061	0.66	1.05985
6 20 2 8 1 o	811.7969	790.6492	180.31	1.05903
0 25 1 4 1 o	613.9622	598.2133	0.49	1.05898
10 3 3 8 1 o	2151.5610	2100.2427	0.87	1.05889
3 14 4 8 1 o	168.4239	164.7091	0.70	1.05817
2 20 3 8 1 o	6.4246	6.2901	359.54	1.05810
4 13 4 8 1 o	562.9001	563.8065	180.99	1.05700
4 22 2 8 1 o	27.5346	27.7436	0.60	1.05680
8 17 2 8 1 o	11133.4746	11225.4111	180.40	1.05679
7 6 4 8 1 o	65.3777	67.1167	181.81	1.05614
10 12 2 8 1 o	1.4479	1.5008	191.46	1.05577
1 25 1 8 1 o	473.9388	492.8662	180.53	1.05569
6 22 1 8 1 o	1547.8422	1654.2765	180.53	1.05473
0 1 5 4 1 o	2457.3625	2647.5586	0.22	1.05454
5 23 1 8 1 o	394.9481	424.9840	0.43	1.05448
10 15 1 8 1 o	707.4825	770.2516	0.67	1.05391
10 4 3 8 1 o	0.4932	0.5454	181.23	1.05325
9 15 2 8 1 o	5.6855	6.3800	3.76	1.05272
8 20 0 4 1 o	119.6724	136.0227	179.95	1.05191
7 15 3 8 1 o	225.1422	257.7459	0.19	1.05181
12 7 1 8 1 o	950.4198	1069.3542	180.33	1.05171
11 8 2 8 1 o	6.0722	6.8537	0.31	1.05151
11 13 0 4 1 o	2592.9863	2924.8850	180.40	1.05145
1 1 5 8 1 o	1.7645	2.0270	1.42	1.05129
2 15 4 8 1 o	1570.9080	1808.8707	180.37	1.05119
3 25 0 4 1 o	265.8829	297.2844	0.65	1.05068
5 18 3 8 1 o	532.8654	598.6862	0.37	1.05062
11 12 1 8 1 o	972.2356	1069.8385	0.39	1.05047
4 19 3 8 1 o	215.3285	237.9959	180.31	1.05028
10 16 0 4 1 o	5296.6626	5747.8525	180.36	1.05011
1 2 5 8 1 o	61.5170	62.8960	0.54	1.04891
0 3 5 4 1 o	1063.9299	1060.0249	0.67	1.04817
7 19 2 8 1 o	2573.3103	2561.3594	0.49	1.04797
8 13 3 8 1 o	1214.6711	1208.0730	180.48	1.04790
9 10 3 8 1 o	2374.1675	2362.3223	0.61	1.04784
5 12 4 8 1 o	2752.2295	2726.3955	180.10	1.04778
6 10 4 8 1 o	331.8788	328.3099	0.12	1.04723
7 21 1 8 1 o	490.3676	485.8058	180.80	1.04693
4 24 1 8 1 o	0.0917	0.0910	299.39	1.04621
10 5 3 8 1 o	19.9017	19.7299	180.45	1.04612
2 25 1 8 1 o	5884.5059	5837.7480	0.38	1.04601
7 7 4 8 1 o	165.7035	164.3442	179.99	1.04581
1 3 5 8 1 o	5484.7471	5400.9771	180.47	1.04499
3 23 2 8 1 o	1315.7271	1240.5784	0.59	1.04367
6 17 3 8 1 o	496.1753	456.8387	180.33	1.04301

3 20 3 8 1 o	34.4261	31.1448	1.71	1.04200
2 1 5 8 1 o	10.6655	9.6939	180.24	1.04173
12 8 1 8 1 o	1483.9740	1454.9053	0.56	1.03996
0 16 4 4 1 o	1290.9266	1290.3574	180.30	1.03966
1 4 5 8 1 o	315.8181	316.2496	0.31	1.03956
2 2 5 8 1 o	3.1433	3.1611	357.62	1.03942
0 26 0 2 1 o	173.4536	173.8652	180.40	1.03940
0 21 3 4 1 o	8421.9023	8616.2500	180.51	1.03858
11 9 2 8 1 o	13.0358	13.2724	359.99	1.03824
10 6 3 8 1 o	2.6788	2.7387	181.24	1.03760
9 18 1 8 1 o	25.1129	25.6547	180.68	1.03686
8 0 4 4 1 o	10284.7217	10495.2031	0.50	1.03658
1 16 4 8 1 o	9.1379	9.3705	1.74	1.03654
10 13 2 8 1 o	868.3036	880.8696	180.30	1.03619
4 14 4 8 1 o	0.0302	0.0306	165.57	1.03583
8 1 4 8 1 o	7754.3335	7832.5776	0.43	1.03582
0 5 5 4 1 o	151.8976	153.8834	180.39	1.03578
0 24 2 4 1 o	5223.5630	5268.4185	180.40	1.03564
2 3 5 8 1 o	2762.2815	2786.0845	180.50	1.03559
1 21 3 8 1 o	432.6759	435.4830	180.24	1.03548
3 15 4 8 1 o	1.3229	1.3292	177.88	1.03540
7 8 4 8 1 o	146.2426	141.4095	0.52	1.03425
8 2 4 8 1 o	20.4129	19.3163	179.35	1.03354
1 5 5 8 1 o	10.2794	9.5346	359.60	1.03271
1 24 2 8 1 o	4272.0220	3969.1907	0.54	1.03256
12 10 0 4 1 o	225.7478	211.7357	0.47	1.03252
9 11 3 8 1 o	203.4961	190.8915	0.28	1.03168
8 20 1 8 1 o	111.0189	104.2666	1.53	1.03161
11 13 1 8 1 o	117.7999	111.7742	0.51	1.03118
6 11 4 8 1 o	1385.3542	1311.0985	0.57	1.03110
13 1 0 4 1 o	550.4039	529.4313	359.48	1.03059
3 25 1 8 1 o	4.3511	4.1872	177.56	1.03045
2 4 5 8 1 o	1170.6511	1129.6161	180.57	1.03031
10 16 1 8 1 o	133.7845	130.4136	1.00	1.02992
8 3 4 8 1 o	1254.3005	1226.2644	180.64	1.02978
8 18 2 8 1 o	6832.2695	6707.6387	0.59	1.02960
12 0 2 4 1 o	11909.2910	11861.6357	180.58	1.02883
9 16 2 8 1 o	319.6456	318.9906	180.48	1.02880
9 19 0 4 1 o	2523.8445	2520.9919	180.46	1.02874
5 13 4 8 1 o	491.6038	493.0284	0.71	1.02863
5 22 2 8 1 o	41.1462	41.3764	180.85	1.02844
12 1 2 8 1 o	377.0879	380.0156	180.90	1.02809
7 16 3 8 1 o	2189.6650	2218.6033	180.47	1.02795
10 7 3 8 1 o	2164.4624	2192.2783	0.33	1.02780
2 16 4 8 1 o	1611.4108	1645.4060	180.48	1.02737
8 14 3 8 1 o	36.8355	37.5367	0.13	1.02725
6 21 2 8 1 o	959.1401	978.0750	180.54	1.02718
2 26 0 4 1 o	25.0299	25.5136	0.25	1.02713
12 9 1 8 1 o	9861.2002	10029.3184	180.56	1.02711
3 1 5 8 1 o	96.2188	98.4008	0.16	1.02635
2 21 3 8 1 o	3265.9238	3340.6531	0.54	1.02634
12 2 2 8 1 o	105.6412	108.2056	180.04	1.02586
13 3 0 4 1 o	579.8322	603.7015	180.21	1.02464
8 4 4 8 1 o	25.7707	27.0317	179.24	1.02459

1 6 5 8 1 o	7.7725	8.2023 180.65 1.02451
3 2 5 8 1 o	168.0343	178.8121 180.67 1.02414
11 10 2 8 1 o	300.0781	316.8664 180.21 1.02398
2 5 5 8 1 o	2675.3657	2874.1370 0.30 1.02364
2 24 2 8 1 o	1306.5447	1399.7625 0.50 1.02350
5 19 3 8 1 o	501.8898	526.9351 180.19 1.02243
4 23 2 8 1 o	3230.9124	3349.7207 180.63 1.02221
12 3 2 8 1 o	189.5504	193.9270 180.33 1.02219
7 9 4 8 1 o	0.0064	0.0064 28.90 1.02161
4 20 3 8 1 o	241.4907	226.3260 0.32 1.02065
3 3 5 8 1 o	2814.9248	2608.6729 0.45 1.02048
6 23 1 8 1 o	185.5847	170.7779 180.53 1.02034
5 24 1 8 1 o	355.5802	306.3003 0.84 1.01867
7 20 2 8 1 o	156.8593	134.8947 180.13 1.01852
8 5 4 8 1 o	747.8234	647.3263 0.65 1.01803
0 7 5 4 1 o	13.8735	11.9039 358.38 1.01799
12 4 2 8 1 o	875.9398	787.9760 0.32 1.01711
1 26 1 8 1 o	567.2136	512.6500 0.54 1.01687
6 18 3 8 1 o	20.7356	18.7305 180.24 1.01684
10 8 3 8 1 o	32.7966	29.7615 179.86 1.01683
10 14 2 8 1 o	265.7855	248.3267 180.16 1.01622
2 6 5 8 1 o	698.6215	670.6260 0.36 1.01565
3 4 5 8 1 o	845.4576	819.6719 180.59 1.01543
1 7 5 8 1 o	80.8992	79.6457 180.53 1.01507
9 12 3 8 1 o	1423.8309	1411.0906 180.65 1.01482
7 22 1 8 1 o	37.3393	37.1607 1.11 1.01470
4 15 4 8 1 o	57.9311	58.3936 2.31 1.01444
6 12 4 8 1 o	221.5398	224.3272 0.17 1.01426
12 10 1 8 1 o	2268.7378	2324.9827 0.43 1.01330
13 5 0 4 1 o	4443.9580	4553.0581 180.53 1.01306
3 16 4 8 1 o	50.0265	52.0355 359.77 1.01262
1 17 4 8 1 o	1265.8668	1312.6505 180.44 1.01226
3 21 3 8 1 o	86.1026	88.0731 0.30 1.01163
11 14 1 8 1 o	263.8905	267.7609 0.42 1.01149
13 1 1 8 1 o	266.7067	270.0256 180.48 1.01148
12 5 2 8 1 o	2259.9968	2253.8218 180.54 1.01068
8 6 4 8 1 o	1822.8787	1796.8562 0.40 1.01017
4 25 1 8 1 o	1665.1864	1630.4685 0.45 1.00978
9 19 1 8 1 o	0.0547	0.0535 340.07 1.00973
11 15 0 4 1 o	79.1558	77.4757 180.85 1.00953
13 2 1 8 1 o	172.0540	168.5470 180.10 1.00936
5 14 4 8 1 o	212.4888	206.5523 180.57 1.00908
3 5 5 8 1 o	87.1442	84.7179 0.05 1.00904
3 24 2 8 1 o	1213.8743	1181.7467 180.63 1.00891
11 11 2 8 1 o	147.4840	144.0998 0.61 1.00888
2 26 1 8 1 o	11417.4014	11193.1094 180.39 1.00820
7 10 4 8 1 o	72.0466	70.7782 180.81 1.00802
2 7 5 8 1 o	3521.0056	3563.0669 180.23 1.00646
8 15 3 8 1 o	381.6074	386.2332 181.24 1.00638
10 17 1 8 1 o	19.4143	19.7180 180.36 1.00609
4 1 5 8 1 o	750.8585	766.5105 0.33 1.00593
13 3 1 8 1 o	523.3343	531.7642 181.00 1.00586
6 24 0 4 1 o	2838.2832	2904.4282 180.22 1.00556
9 17 2 8 1 o	2371.1899	2432.5967 0.24 1.00505

10	9	3	8	1	o	52243.4648	53540.0234	0.48	1.00481
1	8	5	8	1	o	131.5229	135.2798	180.75	1.00450
1	22	3	8	1	o	574.8600	589.6992	180.37	1.00427
7	17	3	8	1	o	9.3422	9.5648	0.12	1.00426
4	2	5	8	1	o	563.7500	574.0115	0.48	1.00385
2	17	4	8	1	o	10340.1025	10516.3799	0.39	1.00372
8	19	2	8	1	o	4462.4102	4455.2944	180.42	1.00301
12	6	2	8	1	o	5904.1470	5890.9092	180.36	1.00300
5	25	0	4	1	o	0.3729	0.3684	196.72	1.00258
8	21	1	8	1	o	21.2109	20.7595	3.22	1.00211
7	23	0	4	1	o	1949.4415	1895.1559	0.74	1.00154
3	6	5	8	1	o	1022.4833	990.0214	0.58	1.00139
11	1	3	8	1	o	117.9081	114.7887	0.30	1.00114
8	7	4	8	1	o	511.3079	496.4113	0.76	1.00112
13	4	1	8	1	o	7.3551	7.1764	185.55	1.00101
12	12	0	4	1	o	11908.2744	11611.5732	0.37	1.00088
4	3	5	8	1	o	175.4181	171.0545	0.53	1.00040
10	18	0	4	1	o	50173.2109	49204.8828	180.47	1.00003
11	2	3	8	1	o	2110.2229	2087.4932	180.32	0.99908
12	11	1	8	1	o	31.2975	31.0818	0.94	0.99867
1	27	0	4	1	o	31.6140	31.5691	180.86	0.99813
1	25	2	8	1	o	543.6170	547.6998	180.27	0.99750
9	13	3	8	1	o	529.2469	533.9637	180.06	0.99739
6	13	4	8	1	o	1182.8964	1203.5303	0.67	0.99686
6	22	2	8	1	o	10.7850	10.9927	358.94	0.99669
5	23	2	8	1	o	738.8911	755.1475	180.75	0.99648
13	7	0	4	1	o	335.6924	342.1494	180.17	0.99640
2	8	5	8	1	o	5275.8223	5417.9512	180.42	0.99615
10	15	2	8	1	o	9.0162	9.2429	357.35	0.99600
2	22	3	8	1	o	16.2444	16.7127	180.06	0.99592
11	3	3	8	1	o	347.8574	356.9767	0.28	0.99569
0	9	5	4	1	o	3886.0010	4006.8804	0.52	0.99564
4	4	5	8	1	o	2828.9478	2914.4351	0.57	0.99564
5	20	3	8	1	o	3934.3892	4059.0728	180.44	0.99503
13	5	1	8	1	o	559.9979	574.6873	0.55	0.99489
3	26	1	8	1	o	10391.3037	10680.8613	0.49	0.99425
12	7	2	8	1	o	119.0847	122.0550	0.51	0.99414
7	11	4	8	1	o	0.0695	0.0712	339.55	0.99361
11	12	2	8	1	o	1502.8787	1530.8829	0.79	0.99309
4	16	4	8	1	o	1772.2684	1807.0210	180.36	0.99299
1	9	5	8	1	o	8867.8555	9035.3994	180.65	0.99291
4	26	0	4	1	o	624.3467	634.6348	180.32	0.99276
3	7	5	8	1	o	91.4363	92.8344	0.32	0.99257
4	21	3	8	1	o	1930.2092	1949.2124	180.45	0.99205
10	10	3	8	1	o	378.3012	381.3047	0.21	0.99187
11	15	1	8	1	o	764.2507	768.3496	1.10	0.99154
6	19	3	8	1	o	188.9342	189.4587	0.65	0.99121
11	4	3	8	1	o	1707.3719	1710.7150	0.51	0.99099
0	18	4	4	1	o	2089.9363	2092.5049	0.43	0.99098
8	8	4	8	1	o	319.4086	319.8969	180.38	0.99097
8	22	0	4	1	o	129.7886	129.8689	1.32	0.99075
7	21	2	8	1	o	407.2508	406.6656	180.83	0.99010
3	17	4	8	1	o	8631.1230	8613.8594	180.50	0.98994
4	5	5	8	1	o	1311.8135	1309.6290	180.21	0.98961

4 24 2 8 1 o	915.1434	913.9529	180.42	0.98949
2 25 2 8 1 o	128.1854	128.0845	0.50	0.98932
5 15 4 8 1 o	4.4161	4.4134	358.09	0.98928
1 18 4 8 1 o	14559.1572	14652.5996	0.60	0.98829
6 24 1 8 1 o	1600.7578	1603.7410	0.58	0.98779
9 0 4 4 1 o	13656.8115	13644.5977	0.58	0.98761
13 6 1 8 1 o	3.4587	3.4405	2.16	0.98756
9 1 4 8 1 o	451.1574	444.2396	0.39	0.98695
8 16 3 8 1 o	581.7882	546.6688	180.27	0.98543
11 5 3 8 1 o	285.2185	268.2592	180.36	0.98505
9 2 4 8 1 o	73.8887	69.3100	180.17	0.98499
5 25 1 8 1 o	2.8548	2.6741	0.25	0.98495
2 9 5 8 1 o	10235.6367	9543.0908	180.64	0.98484
12 8 2 8 1 o	76.0533	71.8840	0.03	0.98420
7 23 1 8 1 o	1.9124	1.8079	181.82	0.98397
0 27 1 4 1 o	5101.7231	4874.2573	180.45	0.98337
12 12 1 8 1 o	382.6093	366.2249	0.33	0.98334
9 20 1 8 1 o	22.9796	21.9866	180.81	0.98331
3 8 5 8 1 o	9532.4199	9214.2158	180.52	0.98268
10 18 1 8 1 o	122.7903	118.9472	359.97	0.98254
3 22 3 8 1 o	2000.1411	1939.5950	0.57	0.98246
4 6 5 8 1 o	6.6543	6.4590	184.06	0.98239
9 3 4 8 1 o	4.0675	3.9820	180.15	0.98173
9 18 2 8 1 o	10004.8779	9814.8291	180.61	0.98157
5 1 5 8 1 o	138.1146	135.8452	180.40	0.98138
7 18 3 8 1 o	57.1153	56.6008	0.24	0.98083
1 27 1 8 1 o	10223.3916	10144.4902	180.66	0.98073
1 10 5 8 1 o	2.2954	2.2906	180.51	0.98041
2 18 4 8 1 o	7346.2280	7341.4468	180.54	0.98033
8 9 4 8 1 o	28.1655	28.3531	180.13	0.97984
9 14 3 8 1 o	1366.9788	1382.4001	0.40	0.97954
5 2 5 8 1 o	333.3723	338.1386	0.75	0.97944
13 7 1 8 1 o	472.3346	478.6055	0.19	0.97909
6 14 4 8 1 o	2728.7219	2787.0745	0.26	0.97904
7 12 4 8 1 o	6146.5645	6306.9585	0.33	0.97851
10 11 3 8 1 o	94.1486	96.1785	180.68	0.97813
11 6 3 8 1 o	78.2711	79.6322	179.69	0.97793
9 4 4 8 1 o	218.7337	219.2742	0.50	0.97723
8 20 2 8 1 o	276.1807	275.8742	180.53	0.97711
0 23 3 4 1 o	2226.7085	2223.5146	0.39	0.97703
11 13 2 8 1 o	1009.9307	991.3636	180.38	0.97674
3 27 0 4 1 o	0.0469	0.0460	172.09	0.97671
5 3 5 8 1 o	786.4335	753.8452	180.21	0.97624
3 25 2 8 1 o	0.1983	0.1890	172.19	0.97612
10 16 2 8 1 o	483.4859	452.9921	0.49	0.97567
4 26 1 8 1 o	774.4711	723.5353	1.71	0.97565
13 9 0 4 1 o	117.4278	109.6676	180.24	0.97541
1 23 3 8 1 o	77.8294	70.8890	0.62	0.97445
4 7 5 8 1 o	42.7034	39.1405	359.15	0.97406
9 21 0 4 1 o	759.0007	703.2783	0.82	0.97384
8 22 1 8 1 o	1411.5131	1309.8740	0.33	0.97373
12 9 2 8 1 o	19.5000	18.3880	180.57	0.97329
2 27 1 8 1 o	5380.3960	5114.1753	0.60	0.97296
2 10 5 8 1 o	3627.4553	3485.0007	180.44	0.97264

3 9 5 8 1 o	366.1549	364.9497	178.54	0.97182
5 4 5 8 1 o	118.0606	117.6164	1.24	0.97181
4 17 4 8 1 o	1181.8287	1191.0891	181.33	0.97158
9 5 4 8 1 o	1.3191	1.3279	181.36	0.97153
11 16 1 8 1 o	750.2921	755.4562	180.22	0.97148
11 7 3 8 1 o	87.3554	90.6778	0.01	0.96971
0 11 5 4 1 o	225.4840	236.7355	180.34	0.96966
13 8 1 8 1 o	6390.8682	6600.0815	180.50	0.96959
5 16 4 8 1 o	173.7318	181.0160	180.20	0.96935
5 21 3 8 1 o	268.7653	272.9866	180.17	0.96848
8 10 4 8 1 o	64.6094	64.3120	0.84	0.96782
6 23 2 8 1 o	2145.0020	2117.2688	0.74	0.96752
3 18 4 8 1 o	29.5083	29.1121	353.50	0.96748
12 13 1 8 1 o	209.8292	206.6960	180.22	0.96746
11 17 0 4 1 o	11071.1152	10851.4668	180.37	0.96726
1 11 5 8 1 o	180.9780	176.8629	0.25	0.96714
0 26 2 4 1 o	424.9916	414.4723	0.15	0.96706
12 14 0 4 1 o	10.7102	10.4271	182.03	0.96698
2 23 3 8 1 o	0.3269	0.3168	349.44	0.96681
5 5 5 8 1 o	361.6245	345.2645	0.38	0.96621
6 20 3 8 1 o	23.1220	22.0680	180.81	0.96619
5 24 2 8 1 o	360.4858	343.2383	0.31	0.96609
0 28 0 2 1 o	11.6706	10.8419	179.94	0.96516
1 19 4 8 1 o	258.3897	235.8877	0.28	0.96471
4 8 5 8 1 o	594.6171	543.6913	1.57	0.96471
9 6 4 8 1 o	645.6850	592.4642	1.16	0.96469
1 26 2 8 1 o	174.6900	159.3269	180.06	0.96455
4 22 3 8 1 o	264.7037	240.7257	180.20	0.96450
8 17 3 8 1 o	238.5147	217.4265	0.40	0.96449
10 12 3 8 1 o	207.9582	188.4754	180.29	0.96372
7 13 4 8 1 o	107.8471	99.0416	181.09	0.96286
7 22 2 8 1 o	70.1720	64.9956	1.51	0.96271
12 10 2 8 1 o	88.7677	87.3521	180.09	0.96151
9 15 3 8 1 o	443.4389	439.8564	180.25	0.96139
6 15 4 8 1 o	2304.6746	2325.8616	180.54	0.96092
13 0 2 4 1 o	3691.4871	3706.7620	0.76	0.96056
11 8 3 8 1 o	11036.7178	11119.6084	0.35	0.96048
3 27 1 8 1 o	34.2911	34.6569	174.43	0.96039
3 10 5 8 1 o	3605.1736	3649.6677	180.54	0.96009
11 14 2 8 1 o	7.3695	7.4217	358.80	0.95996
13 1 2 8 1 o	1700.4977	1709.6006	180.75	0.95995
2 11 5 8 1 o	416.9186	419.9481	0.48	0.95968
5 6 5 8 1 o	218.8947	219.8778	180.98	0.95948
10 19 1 8 1 o	127.3680	127.7654	0.27	0.95936
13 9 1 8 1 o	4274.6157	4284.1694	180.75	0.95916
4 25 2 8 1 o	10.4211	10.4459	182.40	0.95850
9 19 2 8 1 o	147.4081	147.8822	180.58	0.95845
13 2 2 8 1 o	86.9228	87.5126	180.44	0.95814
7 19 3 8 1 o	305.4776	309.2623	0.15	0.95777
14 0 0 2 1 o	12574.6709	12723.8340	0.57	0.95767
9 21 1 8 1 o	1726.4351	1749.7051	0.73	0.95766
2 19 4 8 1 o	2547.3599	2601.3872	0.48	0.95730
2 26 2 8 1 o	0.4681	0.4783	4.79	0.95715
6 25 1 8 1 o	4144.4966	4239.4229	0.34	0.95696

9 7 4 8 1 o	36.3379	37.2095	180.93	0.95680
10 17 2 8 1 o	737.3326	753.7568	179.93	0.95534
2 28 0 4 1 o	211.6939	216.4980	180.15	0.95531
14 2 0 4 1 o	701.3398	714.3871	180.29	0.95527
13 3 2 8 1 o	48.6480	49.5408	0.98	0.95514
8 11 4 8 1 o	258.2508	263.6854	181.03	0.95505
7 24 1 8 1 o	140.8578	143.1505	180.48	0.95468
3 23 3 8 1 o	162.2190	164.7298	180.38	0.95449
4 9 5 8 1 o	2383.7671	2418.6975	180.17	0.95442
6 1 5 8 1 o	758.2249	758.9016	180.20	0.95368
1 12 5 8 1 o	372.1371	368.2737	0.16	0.95320
5 26 1 8 1 o	1181.4036	1167.9454	359.91	0.95320
8 21 2 8 1 o	412.9944	393.1933	0.78	0.95193
6 2 5 8 1 o	472.3618	448.7794	180.61	0.95190
10 20 0 4 1 o	491.0811	466.3375	0.61	0.95173
5 7 5 8 1 o	36.1120	34.1297	0.33	0.95172
11 17 1 8 1 o	41.3548	39.0848	180.02	0.95141
12 14 1 8 1 o	1431.1488	1350.3964	0.67	0.95114
13 4 2 8 1 o	294.1460	277.8105	180.48	0.95099
13 11 0 4 1 o	69.4423	65.5595	0.10	0.95094
11 9 3 8 1 o	81.9666	77.2556	0.71	0.95033
4 18 4 8 1 o	1039.6904	970.6860	180.28	0.95032
5 17 4 8 1 o	1412.9270	1355.4559	180.07	0.94940
12 11 2 8 1 o	4.6943	4.6447	181.37	0.94898
6 3 5 8 1 o	4.8020	4.7413	179.63	0.94896
10 13 3 8 1 o	2053.5166	2059.0356	0.34	0.94876
14 4 0 4 1 o	1682.7747	1745.3732	180.48	0.94819
9 8 4 8 1 o	4.8534	5.1554	181.40	0.94793
13 10 1 8 1 o	537.6260	568.2048	180.93	0.94788
3 11 5 8 1 o	165.7421	180.8465	180.27	0.94762
1 28 1 8 1 o	368.4016	404.4739	180.44	0.94703
7 14 4 8 1 o	0.0630	0.0694	166.51	0.94677
8 23 1 8 1 o	604.4152	659.1771	180.23	0.94648
2 12 5 8 1 o	465.0958	505.2809	0.35	0.94605
1 24 3 8 1 o	438.8589	474.7652	0.18	0.94597
13 5 2 8 1 o	698.4331	742.6161	180.75	0.94574
3 19 4 8 1 o	888.2461	937.9982	180.59	0.94533
3 26 2 8 1 o	3.8231	4.0052	359.30	0.94518
6 4 5 8 1 o	2460.3867	2544.7114	180.58	0.94489
0 20 4 4 1 o	103.0816	102.4892	0.55	0.94392
8 18 3 8 1 o	30.8698	30.7492	0.23	0.94369
4 27 1 8 1 o	100.8264	100.4962	359.91	0.94360
4 10 5 8 1 o	901.0790	895.5484	1.07	0.94331
9 16 3 8 1 o	27.1117	27.1919	2.09	0.94307
5 8 5 8 1 o	922.3038	924.4073	179.78	0.94299
11 15 2 8 1 o	39.4594	39.8941	359.69	0.94286
5 22 3 8 1 o	1058.4540	1067.9125	180.72	0.94279
6 16 4 8 1 o	742.1696	753.7388	180.45	0.94263
12 1 3 8 1 o	485.2615	496.5229	180.36	0.94252
6 26 0 4 1 o	10.8289	11.1039	179.68	0.94243
6 21 3 8 1 o	23.6268	24.9063	182.20	0.94183
14 1 1 8 1 o	604.3555	636.7498	0.39	0.94171
8 12 4 8 1 o	2299.8792	2444.6472	180.41	0.94162
1 20 4 8 1 o	44.8445	47.8776	181.19	0.94159

7 25 0 4 1 o	1294.6947	1386.1510	0.53	0.94140
0 13 5 4 1 o	991.5071	1082.3846	0.13	0.94102
12 2 3 8 1 o	97.4188	105.5671	0.09	0.94081
10 0 4 4 1 o	439.4684	480.9280	359.80	0.94033
2 28 1 8 1 o	1671.0869	1835.7775	180.48	0.94003
14 2 1 8 1 o	52.2003	56.6101	180.59	0.93999
10 1 4 8 1 o	221.3185	241.6578	359.78	0.93976
6 5 5 8 1 o	393.5768	432.5263	0.46	0.93974
6 24 2 8 1 o	303.3270	332.1382	359.95	0.93963
13 6 2 8 1 o	6488.4287	6990.2515	0.38	0.93943
11 10 3 8 1 o	5944.3184	6421.8721	0.31	0.93936
2 24 3 8 1 o	33.1952	35.6488	0.51	0.93898
1 13 5 8 1 o	80.5962	85.3052	180.94	0.93871
9 9 4 8 1 o	381.1391	387.1165	0.23	0.93817
10 2 4 8 1 o	92.6854	93.4818	0.07	0.93806
4 23 3 8 1 o	480.5236	481.9272	0.61	0.93799
12 3 3 8 1 o	1014.2946	1018.0349	180.92	0.93797
5 27 0 4 1 o	173.5103	171.2243	180.67	0.93771
5 25 2 8 1 o	78.0424	75.0876	181.08	0.93719
14 3 1 8 1 o	8.4173	8.1735	178.58	0.93716
14 6 0 4 1 o	179.8852	173.1290	1.45	0.93673
10 20 1 8 1 o	1262.6418	1206.3152	180.42	0.93662
7 23 2 8 1 o	256.6904	244.4164	1.09	0.93634
13 11 1 8 1 o	599.9929	576.2997	0.40	0.93587
12 12 2 8 1 o	741.9007	712.3037	0.81	0.93580
9 20 2 8 1 o	85.8351	82.2547	0.44	0.93578
10 3 4 8 1 o	129.8178	125.3989	1.13	0.93525
7 20 3 8 1 o	14.3246	13.8481	3.75	0.93514
10 18 2 8 1 o	2.1759	2.1058	193.57	0.93511
2 20 4 8 1 o	285.2810	277.7555	0.43	0.93470
8 24 0 4 1 o	11122.8125	10832.2480	0.36	0.93465
12 15 1 8 1 o	735.4738	717.0493	180.63	0.93451
3 12 5 8 1 o	1190.6045	1163.0918	0.56	0.93449
12 4 3 8 1 o	42.1566	41.2079	180.03	0.93404
1 27 2 8 1 o	71.2133	69.6446	0.35	0.93355
6 6 5 8 1 o	748.7604	732.4222	0.59	0.93355
5 9 5 8 1 o	78.3995	76.4870	180.56	0.93338
10 14 3 8 1 o	37.3401	36.3097	180.22	0.93335
14 4 1 8 1 o	1314.7656	1271.1008	180.85	0.93324
9 22 1 8 1 o	31.5755	30.1699	359.79	0.93281
13 7 2 8 1 o	321.4247	299.3534	0.28	0.93214
2 13 5 8 1 o	268.7257	244.5421	180.04	0.93189
12 16 0 4 1 o	427.4312	393.5685	180.45	0.93185
4 11 5 8 1 o	91.6186	82.3606	180.22	0.93147
11 18 1 8 1 o	34.7229	31.6206	180.30	0.93142
10 4 4 8 1 o	63.9209	58.0637	181.09	0.93135
7 15 4 8 1 o	70.9410	66.3419	0.67	0.93036
1 29 0 4 1 o	8.6277	8.4623	2.97	0.92963
5 18 4 8 1 o	490.8889	485.3362	0.39	0.92954
4 19 4 8 1 o	1559.5046	1560.2032	180.84	0.92930
4 26 2 8 1 o	216.4156	216.9957	0.14	0.92916
12 5 3 8 1 o	202.3383	202.5941	0.38	0.92906
3 28 1 8 1 o	107.7258	109.1682	1.03	0.92868
14 5 1 8 1 o	80.1807	81.3798	180.51	0.92828

6 26 1 8 1 o	6855.9727	7019.9321	180.67	0.92775
3 24 3 8 1 o	1055.2242	1082.6995	180.67	0.92768
11 11 3 8 1 o	15.4183	15.7808	180.70	0.92766
8 13 4 8 1 o	727.7040	746.0693	180.46	0.92765
9 10 4 8 1 o	39.0573	40.0285	0.77	0.92761
8 22 2 8 1 o	73.4606	75.3315	1.00	0.92751
4 28 0 4 1 o	984.8845	1009.9081	0.31	0.92747
2 27 2 8 1 o	1.4380	1.4761	2.35	0.92684
7 25 1 8 1 o	3.2637	3.3486	183.02	0.92676
10 5 4 8 1 o	257.4076	264.0331	0.38	0.92641
6 7 5 8 1 o	1730.4330	1775.3306	180.27	0.92639
11 16 2 8 1 o	317.0706	326.5861	0.44	0.92556
11 19 0 4 1 o	702.3159	723.7072	180.43	0.92552
9 17 3 8 1 o	164.6769	171.6649	180.21	0.92468
6 17 4 8 1 o	7050.3872	7419.0645	0.64	0.92425
13 8 2 8 1 o	420.7017	445.0217	0.35	0.92393
13 13 0 4 1 o	1531.9768	1622.1554	0.76	0.92388
1 14 5 8 1 o	15.3556	16.3580	0.98	0.92379
7 1 5 8 1 o	12.8444	13.6652	1.46	0.92378
3 20 4 8 1 o	76.2470	81.7095	0.78	0.92355
5 27 1 8 1 o	41.5893	44.8058	180.85	0.92324
13 12 1 8 1 o	43.7032	46.9561	0.70	0.92322
8 19 3 8 1 o	75.2050	81.3759	180.79	0.92309
12 6 3 8 1 o	17.7765	19.1768	0.04	0.92308
5 10 5 8 1 o	27.6767	30.0792	2.77	0.92298
9 23 0 4 1 o	1070.9481	1171.4276	180.44	0.92255
14 6 1 8 1 o	182.3082	199.2325	0.68	0.92231
7 2 5 8 1 o	398.5622	440.6213	180.67	0.92217
12 13 2 8 1 o	1619.5785	1783.0385	0.56	0.92208
14 8 0 4 1 o	421.5815	464.9266	0.47	0.92136
0 25 3 4 1 o	9037.1484	10118.5439	180.39	0.92096
3 13 5 8 1 o	53.8797	60.3536	0.52	0.92083
10 6 4 8 1 o	288.6635	317.9651	180.76	0.92048
8 24 1 8 1 o	1408.4148	1545.9801	180.53	0.92032
7 3 5 8 1 o	94.7703	101.0181	181.37	0.91949
1 21 4 8 1 o	3.6111	3.7868	178.85	0.91900
4 12 5 8 1 o	0.1907	0.2000	198.30	0.91900
1 25 3 8 1 o	342.1111	356.3539	180.14	0.91879
6 8 5 8 1 o	3141.8032	3239.2139	180.75	0.91833
6 22 3 8 1 o	130.3460	134.0388	0.25	0.91816
5 23 3 8 1 o	9.1432	9.3865	0.51	0.91799
0 29 1 4 1 o	197.7917	202.2072	180.23	0.91767
12 16 1 8 1 o	406.9823	414.8296	180.39	0.91765
10 15 3 8 1 o	920.9540	940.2525	1.08	0.91762
2 14 5 8 1 o	886.7845	907.0871	180.68	0.91728
9 11 4 8 1 o	123.8887	122.3969	179.96	0.91634
12 7 3 8 1 o	115.9664	112.9534	0.60	0.91616
3 27 2 8 1 o	147.1949	142.4615	0.50	0.91596
7 4 5 8 1 o	1057.9913	1012.2927	180.49	0.91579
1 29 1 8 1 o	251.3124	235.9575	0.69	0.91553
14 7 1 8 1 o	621.9210	576.4638	180.43	0.91541
11 12 3 8 1 o	31.3399	28.9758	0.96	0.91534
10 19 2 8 1 o	0.0824	0.0746	168.39	0.91506
13 9 2 8 1 o	448.5309	400.3420	180.29	0.91488

10 21 1 8 1 o	55.6164	47.5342	358.50	0.91437
7 16 4 8 1 o	86.2585	69.4745	0.60	0.91373
10 7 4 8 1 o	14.1724	11.4041	183.15	0.91362
9 21 2 8 1 o	13.4138	10.7533	178.32	0.91359
4 28 1 8 1 o	1041.3418	827.2089	0.95	0.91347
8 14 4 8 1 o	6.7719	5.2901	359.97	0.91323
7 21 3 8 1 o	147.7117	114.1161	0.09	0.91300
6 25 2 8 1 o	442.1939	342.2488	0.66	0.91298
2 21 4 8 1 o	31.9761	24.3296	181.61	0.91259
4 24 3 8 1 o	39.1601	30.0107	180.81	0.91251
2 25 3 8 1 o	245.7242	188.7015	180.54	0.91239
3 29 0 4 1 o	33.3302	26.0227	181.79	0.91225
5 11 5 8 1 o	297.8271	235.8790	0.28	0.91187
11 19 1 8 1 o	152.2919	125.2098	180.15	0.91160
7 5 5 8 1 o	181.9888	157.2980	180.67	0.91109
7 24 2 8 1 o	220.5078	192.8065	0.95	0.91100
0 15 5 4 1 o	2537.9485	2328.1133	0.56	0.91062
13 13 1 8 1 o	668.9467	635.9518	0.35	0.91004
5 19 4 8 1 o	83.6127	81.8039	1.43	0.90984
5 26 2 8 1 o	53.5974	52.4658	179.83	0.90971
6 9 5 8 1 o	6156.7261	6093.3984	180.27	0.90945
2 29 1 8 1 o	464.0518	459.1939	180.54	0.90920
9 23 1 8 1 o	332.5938	328.7977	180.31	0.90877
4 20 4 8 1 o	106.8397	106.1675	0.49	0.90858
1 15 5 8 1 o	2784.2668	2767.2175	180.59	0.90852
12 8 3 8 1 o	70.5922	69.3444	0.18	0.90836
11 17 2 8 1 o	344.7081	337.9774	0.89	0.90815
12 14 2 8 1 o	747.0681	729.1340	180.52	0.90792
14 8 1 8 1 o	674.6147	654.7504	181.35	0.90763
3 14 5 8 1 o	1007.8314	971.8770	180.65	0.90673
0 28 2 4 1 o	9.8483	9.5193	180.13	0.90641
9 18 3 8 1 o	306.5653	296.5322	0.25	0.90629
4 13 5 8 1 o	19.5671	18.9928	359.42	0.90600
6 18 4 8 1 o	4889.1655	4745.8037	180.25	0.90590
10 8 4 8 1 o	148.3544	143.7223	0.25	0.90589
10 22 0 4 1 o	730.3824	707.2748	180.64	0.90572
7 6 5 8 1 o	2348.4802	2274.5503	0.52	0.90545
13 10 2 8 1 o	151.1324	145.3172	180.52	0.90508
9 12 4 8 1 o	7734.0933	7351.3872	180.45	0.90446
1 28 2 8 1 o	1.2009	1.1383	179.42	0.90435
8 23 2 8 1 o	652.0383	613.1647	180.79	0.90386
8 20 3 8 1 o	36.0625	34.0465	0.64	0.90278
14 10 0 4 1 o	365.6320	347.2415	180.56	0.90267
11 13 3 8 1 o	66.4571	63.2432	359.82	0.90249
2 15 5 8 1 o	1398.5374	1334.4774	180.59	0.90233
3 21 4 8 1 o	20.5232	19.6697	1.00	0.90220
3 25 3 8 1 o	262.1771	253.0070	0.15	0.90200
10 16 3 8 1 o	14.0822	13.7272	0.71	0.90164
4 27 2 8 1 o	60.7718	59.7436	180.68	0.90135
0 30 0 2 1 o	7150.9106	7078.7695	0.53	0.90081
12 17 1 8 1 o	42.8557	42.3493	180.32	0.90068
14 0 2 4 1 o	118.5459	116.8232	0.25	0.90020
5 12 5 8 1 o	534.1783	529.7732	180.59	0.90016
7 26 1 8 1 o	14224.4697	14069.1729	0.47	0.90016

6 27 1 8 1 o	2391.3162	2363.4512	0.20	0.90007
6 10 5 8 1 o	2637.5635	2602.6487	180.71	0.89982
12 9 3 8 1 o	3.2544	3.1993	201.55	0.89976
14 1 2 8 1 o	158.4924	155.4880	2.34	0.89970
14 9 1 8 1 o	35.5586	34.5891	359.93	0.89905
0 22 4 4 1 o	30.3181	29.5271	1.43	0.89898
3 29 1 8 1 o	794.4292	772.3387	180.39	0.89892
7 7 5 8 1 o	0.1251	0.1216	350.67	0.89891
8 15 4 8 1 o	1932.2979	1868.2914	0.54	0.89848
2 28 2 8 1 o	178.7557	172.2932	180.35	0.89824
14 2 2 8 1 o	421.9262	405.8329	180.36	0.89821
10 9 4 8 1 o	7.9421	7.5105	179.80	0.89736
1 22 4 8 1 o	407.6205	380.5977	0.47	0.89697
7 17 4 8 1 o	9643.4883	9004.1377	180.50	0.89696
13 14 1 8 1 o	1623.7407	1493.3986	180.56	0.89642
12 18 0 4 1 o	224.4279	205.6511	2.95	0.89632
14 3 2 8 1 o	286.6156	260.3675	180.48	0.89574
10 20 2 8 1 o	491.3489	442.8546	180.17	0.89526
8 25 1 8 1 o	1731.3918	1559.8588	0.61	0.89524
11 0 4 4 1 o	500.9137	452.5891	182.66	0.89523
6 23 3 8 1 o	333.1157	298.8969	180.29	0.89520
13 15 0 4 1 o	836.9539	760.9990	0.01	0.89506
5 28 1 8 1 o	56.2472	50.9202	182.25	0.89497
11 1 4 8 1 o	782.5313	716.3873	0.44	0.89474
13 11 2 8 1 o	473.9660	437.3028	0.24	0.89461
5 24 3 8 1 o	2.9384	2.7791	172.19	0.89407
12 15 2 8 1 o	641.4693	630.2364	0.20	0.89342
15 1 0 4 1 o	8557.5996	8420.0244	0.67	0.89334
11 2 4 8 1 o	144.6282	143.2075	179.99	0.89327
1 16 5 8 1 o	726.0931	731.7102	0.31	0.89301
1 26 3 8 1 o	16239.9150	16446.5098	180.40	0.89285
2 30 0 4 1 o	2057.8167	2082.1826	180.65	0.89279
10 22 1 8 1 o	110.4463	112.0974	0.71	0.89266
4 14 5 8 1 o	2018.5062	2066.0547	0.71	0.89255
8 1 5 8 1 o	182.5533	186.2588	0.48	0.89255
14 4 2 8 1 o	118.8975	121.3076	180.73	0.89232
3 15 5 8 1 o	1468.6024	1514.1128	0.55	0.89228
9 13 4 8 1 o	36.2219	37.3642	179.80	0.89206
11 20 1 8 1 o	1315.0269	1354.0338	0.31	0.89202
9 22 2 8 1 o	190.2433	196.4842	181.05	0.89194
7 8 5 8 1 o	12235.2676	12712.2842	180.49	0.89155
7 22 3 8 1 o	2529.1479	2630.4905	0.45	0.89138
8 2 5 8 1 o	33.3766	34.7182	1.71	0.89109
2 22 4 8 1 o	421.5341	439.7413	180.49	0.89101
11 3 4 8 1 o	532.4147	553.0695	180.44	0.89084
11 18 2 8 1 o	513.8595	533.9866	2.23	0.89072
12 10 3 8 1 o	143.2040	148.7569	180.16	0.89043
5 20 4 8 1 o	25.6026	26.6760	180.70	0.89037
14 10 1 8 1 o	1515.1123	1574.8967	180.80	0.88974
6 11 5 8 1 o	272.5379	284.7745	0.32	0.88952
15 3 0 4 1 o	2651.0232	2758.0027	180.45	0.88946
11 14 3 8 1 o	324.5184	339.5121	0.94	0.88920
13 1 3 8 1 o	112.8088	117.7867	180.36	0.88919
8 3 5 8 1 o	406.5175	427.9908	180.89	0.88868

3 28 2 8 1 o	682.9077	718.5071	0.21	0.88833
4 21 4 8 1 o	699.5549	737.9115	0.63	0.88823
10 10 4 8 1 o	14.9312	15.5975	180.50	0.88810
4 25 3 8 1 o	3669.7893	3845.6892	180.43	0.88804
9 19 3 8 1 o	91.4926	95.4493	180.06	0.88801
14 5 2 8 1 o	2216.7927	2292.4949	0.70	0.88797
5 13 5 8 1 o	219.3557	229.2412	0.42	0.88793
13 2 3 8 1 o	179.9404	184.9529	0.16	0.88775
6 19 4 8 1 o	2329.8850	2399.9031	0.73	0.88763
6 26 2 8 1 o	2.4692	2.5214	178.11	0.88751
11 4 4 8 1 o	85.6392	87.0613	0.22	0.88747
2 16 5 8 1 o	58.6718	58.5314	180.60	0.88713
7 27 0 4 1 o	181.8480	180.8337	180.16	0.88708
2 26 3 8 1 o	174.5592	172.2063	180.32	0.88697
7 25 2 8 1 o	352.4346	341.3142	0.52	0.88664
6 28 0 4 1 o	1.1952	1.1343	185.07	0.88604
1 30 1 8 1 o	2.2312	2.1151	180.41	0.88603
9 24 1 8 1 o	164.5863	156.2775	0.95	0.88554
10 17 3 8 1 o	267.5518	253.9143	180.24	0.88553
13 3 3 8 1 o	13.4915	12.9035	180.76	0.88537
8 4 5 8 1 o	1299.6230	1236.4846	0.48	0.88533
4 29 1 8 1 o	125.6591	120.4189	180.38	0.88510
11 21 0 4 1 o	216.0434	208.5481	180.59	0.88493
12 18 1 8 1 o	132.1053	132.2780	0.47	0.88366
5 27 2 8 1 o	2.9734	2.9855	179.93	0.88356
13 12 2 8 1 o	723.7994	726.8487	180.80	0.88354
8 16 4 8 1 o	1734.4277	1745.6688	180.48	0.88347
7 9 5 8 1 o	1994.3434	2010.2802	180.69	0.88341
8 26 0 4 1 o	346.5863	350.1984	180.37	0.88331
11 5 4 8 1 o	24.5964	24.9230	180.89	0.88320
8 21 3 8 1 o	645.3161	661.4002	0.92	0.88281
14 6 2 8 1 o	948.1424	970.6690	0.41	0.88274
13 15 1 8 1 o	431.6323	444.9904	181.10	0.88245
13 4 3 8 1 o	1298.2849	1346.1613	180.82	0.88206
15 5 0 4 1 o	5164.1138	5353.5908	0.60	0.88185
3 22 4 8 1 o	41.7403	43.6213	180.40	0.88133
14 12 0 4 1 o	6295.5229	6538.8896	180.37	0.88130
8 5 5 8 1 o	329.1926	342.7616	180.06	0.88109
8 24 2 8 1 o	85.3761	88.8155	1.16	0.88100
15 1 1 8 1 o	327.0775	338.7092	0.71	0.88080
12 11 3 8 1 o	24.3981	25.2451	0.77	0.88045
2 30 1 8 1 o	45.6783	47.2356	0.92	0.88028
5 29 0 4 1 o	2817.0271	2912.0417	0.54	0.88024
7 18 4 8 1 o	1405.1708	1452.5262	0.84	0.88016
14 11 1 8 1 o	31.3820	32.3538	180.31	0.87979
0 0 6 2 1 o	46256.2812	47782.3242	180.51	0.87945
15 2 1 8 1 o	457.6137	471.3600	0.33	0.87940
0 17 5 4 1 o	9.5456	9.8732	179.52	0.87923
9 14 4 8 1 o	3.0725	3.1730	0.67	0.87922
4 15 5 8 1 o	361.6343	374.1557	0.57	0.87876
12 16 2 8 1 o	1249.0901	1286.9019	0.48	0.87866
6 12 5 8 1 o	742.0546	766.8395	0.53	0.87864
10 11 4 8 1 o	733.3513	753.1339	0.52	0.87820
11 6 4 8 1 o	1213.3700	1242.3846	180.91	0.87805

13 5 3 8 1 o	155.4098	158.4395	0.44	0.87786
0 2 6 4 1 o	150.8538	153.3401	0.10	0.87760
3 16 5 8 1 o	13.6387	13.8604	181.32	0.87758
1 0 6 4 1 o	25.3415	25.7405	182.03	0.87757
3 26 3 8 1 o	195.0106	197.3568	1.80	0.87742
1 17 5 8 1 o	17.9837	18.1716	0.29	0.87735
1 1 6 8 1 o	7583.9634	7617.6675	180.42	0.87710
15 3 1 8 1 o	109.7127	110.0710	179.60	0.87708
1 29 2 8 1 o	288.9131	288.2467	180.23	0.87680
14 7 2 8 1 o	412.7557	410.9100	0.26	0.87668
8 6 5 8 1 o	846.7749	831.2459	180.54	0.87598
10 21 2 8 1 o	141.9978	138.7906	180.98	0.87578
1 2 6 8 1 o	88.7166	86.5720	0.53	0.87572
11 15 3 8 1 o	301.7487	293.4697	0.32	0.87556
1 23 4 8 1 o	49.1538	47.7228	0.70	0.87553
5 14 5 8 1 o	476.2124	458.8836	0.83	0.87527
4 28 2 8 1 o	159.1593	152.1599	0.30	0.87498
9 25 0 4 1 o	3.8765	3.7031	354.82	0.87491
7 27 1 8 1 o	2081.7688	1981.9811	180.72	0.87481
7 10 5 8 1 o	4228.3174	3994.5061	180.56	0.87458
15 4 1 8 1 o	8.6226	8.1727	175.84	0.87387
6 28 1 8 1 o	1385.4591	1302.4113	180.80	0.87381
1 3 6 8 1 o	987.0405	929.4064	0.42	0.87343
11 19 2 8 1 o	27.9524	26.5450	180.18	0.87334
6 24 3 8 1 o	96.3332	92.3556	0.57	0.87297
13 6 3 8 1 o	572.2053	554.4406	180.14	0.87281
11 21 1 8 1 o	939.7008	912.1594	180.98	0.87274
0 4 6 4 1 o	33.5928	33.5695	359.92	0.87210
11 7 4 8 1 o	10.4352	10.4094	0.35	0.87209
2 0 6 4 1 o	8.0957	8.1263	11.87	0.87198
13 13 2 8 1 o	377.1414	377.4747	0.80	0.87197
2 17 5 8 1 o	209.0597	211.6325	0.01	0.87176
2 1 6 8 1 o	60.2338	61.2377	180.52	0.87153
10 23 1 8 1 o	5.8682	5.9486	359.91	0.87152
2 29 2 8 1 o	0.1334	0.1360	198.65	0.87123
5 21 4 8 1 o	490.6926	500.7131	0.21	0.87119
8 26 1 8 1 o	7927.3115	8071.9858	0.50	0.87119
5 25 3 8 1 o	290.5252	296.4369	180.17	0.87102
3 30 1 8 1 o	82.0553	83.6627	180.67	0.87094
9 23 2 8 1 o	15.1202	15.4180	180.99	0.87085
15 7 0 4 1 o	1077.9080	1097.7805	0.31	0.87079
7 23 3 8 1 o	2.7214	2.7790	0.74	0.87033
1 4 6 8 1 o	63.6371	64.9995	179.42	0.87026
2 2 6 8 1 o	180.6362	184.6094	180.30	0.87017
8 7 5 8 1 o	236.4213	241.9306	359.80	0.87006
2 23 4 8 1 o	901.6142	922.8781	0.73	0.86998
4 30 0 4 1 o	1062.9639	1089.3745	0.51	0.86994
0 27 3 4 1 o	23190.4453	23761.8594	180.60	0.86992
1 31 0 4 1 o	126.6249	129.8144	0.45	0.86992
12 12 3 8 1 o	17.5551	18.0068	180.26	0.86990
9 20 3 8 1 o	719.8491	738.2748	180.72	0.86988
14 8 2 8 1 o	316.5177	325.0124	0.52	0.86985
15 5 1 8 1 o	165.0767	169.6801	181.27	0.86979
6 20 4 8 1 o	351.1956	362.3974	0.44	0.86953

10 18 3 8 1 o	24.8181	25.7314	0.10	0.86934
14 12 1 8 1 o	153.3744	159.2916	0.57	0.86925
4 22 4 8 1 o	17.8443	19.1480	0.24	0.86830
8 17 4 8 1 o	8654.0127	9263.8545	180.47	0.86829
5 29 1 8 1 o	66.5769	71.1991	0.53	0.86824
13 16 1 8 1 o	1066.4902	1135.9623	0.25	0.86822
1 27 3 8 1 o	655.4819	705.0490	180.34	0.86809
2 3 6 8 1 o	0.0192	0.0207	147.44	0.86792
10 12 4 8 1 o	554.0667	593.9593	0.54	0.86773
6 13 5 8 1 o	656.1849	700.0220	180.00	0.86726
13 7 3 8 1 o	46.7339	49.2367	180.04	0.86695
12 19 1 8 1 o	7.4657	7.8181	180.19	0.86669
1 5 6 8 1 o	448.3679	465.6595	180.67	0.86622
9 15 4 8 1 o	1.3028	1.3510	356.80	0.86603
11 8 4 8 1 o	171.4368	176.6468	0.11	0.86536
13 17 0 4 1 o	3206.6873	3293.8870	179.94	0.86520
7 11 5 8 1 o	64.0038	65.7422	180.35	0.86512
15 6 1 8 1 o	92.4696	94.3525	180.45	0.86487
2 4 6 8 1 o	0.3207	0.3271	175.79	0.86481
4 16 5 8 1 o	311.3724	316.7231	0.51	0.86470
4 26 3 8 1 o	0.5818	0.5896	175.77	0.86456
12 17 2 8 1 o	516.1664	516.4550	0.86	0.86372
7 19 4 8 1 o	1730.7690	1723.6388	180.49	0.86338
8 8 5 8 1 o	3131.4250	3119.9006	0.57	0.86337
7 26 2 8 1 o	71.3966	71.0939	359.88	0.86327
8 22 3 8 1 o	27.0133	26.8876	180.39	0.86323
6 27 2 8 1 o	4.1817	4.1618	178.56	0.86318
0 6 6 4 1 o	486.9129	484.0784	181.56	0.86315
9 25 1 8 1 o	682.5590	679.4328	0.48	0.86312
3 0 6 4 1 o	403.5045	400.8687	179.84	0.86290
3 17 5 8 1 o	75.4066	74.8515	0.24	0.86269
2 27 3 8 1 o	201.0251	199.6318	3.01	0.86268
3 1 6 8 1 o	446.5022	443.3276	1.08	0.86246
14 9 2 8 1 o	1.6852	1.6766	1.68	0.86229
10 24 0 4 1 o	8044.3169	7996.7153	180.46	0.86226
5 15 5 8 1 o	220.4201	218.8419	180.32	0.86225
3 29 2 8 1 o	702.7456	698.1868	180.57	0.86217
11 16 3 8 1 o	428.4953	426.5028	180.64	0.86166
1 18 5 8 1 o	212.6279	211.5156	180.30	0.86160
1 6 6 8 1 o	14.4894	14.4404	181.46	0.86137
3 2 6 8 1 o	0.5095	0.5086	183.30	0.86115
12 20 0 4 1 o	59.8898	59.7534	180.66	0.86105
3 23 4 8 1 o	441.9840	441.9648	180.81	0.86097
2 5 6 8 1 o	49.4917	49.4976	180.23	0.86085
9 1 5 8 1 o	266.1941	265.7341	180.45	0.86071
13 8 3 8 1 o	1102.9775	1094.1537	359.79	0.86034
0 31 1 4 1 o	41.9804	41.3893	181.07	0.86010
13 14 2 8 1 o	531.9948	522.8524	0.57	0.85997
9 2 5 8 1 o	176.4644	170.6542	0.91	0.85941
15 7 1 8 1 o	441.0689	429.1445	180.33	0.85917
3 3 6 8 1 o	1.1790	1.1368	353.56	0.85897
8 25 2 8 1 o	131.5468	127.4100	181.01	0.85892
12 13 3 8 1 o	37.6788	36.6578	180.26	0.85885
5 28 2 8 1 o	157.5536	153.5689	180.49	0.85868

4 30 1 8 1 o	362.8484	358.4012	180.68	0.85836
1 31 1 8 1 o	7.1522	7.0715	356.48	0.85833
14 13 1 8 1 o	5.8994	5.8603	181.89	0.85823
11 9 4 8 1 o	140.3132	140.7978	180.10	0.85791
14 14 0 4 1 o	1934.4821	1940.5010	0.57	0.85789
9 3 5 8 1 o	432.0509	439.7972	1.17	0.85724
10 13 4 8 1 o	607.7864	619.6131	180.38	0.85675
15 9 0 4 1 o	2.7988	2.8431	2.19	0.85668
10 22 2 8 1 o	57.4500	58.5085	180.66	0.85665
0 24 4 4 1 o	32.8967	33.5015	2.33	0.85644
2 18 5 8 1 o	23.5715	23.9411	180.55	0.85631
2 6 6 8 1 o	0.5290	0.5339	33.76	0.85609
11 20 2 8 1 o	15.5787	15.7160	181.43	0.85608
8 9 5 8 1 o	12468.8545	12546.4434	180.52	0.85598
3 4 6 8 1 o	376.3851	378.3519	180.40	0.85595
1 7 6 8 1 o	1.6792	1.6767	359.26	0.85574
3 31 0 4 1 o	793.8798	792.0146	180.74	0.85563
6 14 5 8 1 o	1702.8433	1688.0701	180.76	0.85545
7 12 5 8 1 o	1099.9147	1086.6401	0.70	0.85510
1 24 4 8 1 o	174.0887	172.2941	2.14	0.85470
9 4 5 8 1 o	4.7258	4.7644	0.12	0.85424
14 10 2 8 1 o	314.1442	319.3892	180.60	0.85406
3 27 3 8 1 o	669.9890	684.8867	0.30	0.85389
11 22 1 8 1 o	781.9498	802.3168	180.44	0.85381
13 17 1 8 1 o	239.4456	245.7312	180.47	0.85380
10 19 3 8 1 o	538.5253	565.5527	0.35	0.85316
2 31 1 8 1 o	332.5084	349.7921	0.51	0.85310
13 9 3 8 1 o	74.1688	77.9886	180.66	0.85302
8 18 4 8 1 o	5613.4307	5923.8599	180.56	0.85302
15 8 1 8 1 o	40.2451	42.4532	0.81	0.85273
12 0 4 4 1 o	2425.1895	2567.7197	0.88	0.85258
9 16 4 8 1 o	337.6346	358.2793	180.43	0.85256
0 30 2 4 1 o	19.7634	20.9839	3.17	0.85249
5 22 4 8 1 o	35.7261	37.9884	180.98	0.85236
12 1 4 8 1 o	668.9485	710.0264	180.69	0.85216
3 5 6 8 1 o	1106.9469	1177.1962	0.79	0.85211
9 21 3 8 1 o	17.2473	18.3368	179.80	0.85197
6 21 4 8 1 o	895.9699	954.6982	180.68	0.85164
6 25 3 8 1 o	258.0626	275.4449	181.15	0.85147
0 8 6 4 1 o	223.4373	240.1566	0.28	0.85108
10 24 1 8 1 o	233.0706	250.5096	179.66	0.85097
12 2 4 8 1 o	9.8417	10.5854	179.62	0.85089
1 30 2 8 1 o	77.1504	83.3465	182.69	0.85077
4 0 6 4 1 o	3408.4990	3694.3936	180.79	0.85066
7 28 1 8 1 o	82.7828	89.5433	1.16	0.85064
2 7 6 8 1 o	299.8402	325.8628	180.31	0.85056
4 17 5 8 1 o	146.5710	159.6332	179.98	0.85046
9 5 5 8 1 o	6.4198	6.9658	2.28	0.85042
9 24 2 8 1 o	1054.2369	1144.1946	180.77	0.85034
4 1 6 8 1 o	35.4750	38.6424	0.92	0.85024
4 29 2 8 1 o	822.4800	892.5960	0.56	0.84996
7 24 3 8 1 o	4414.4902	4786.5049	180.48	0.84987
11 10 4 8 1 o	84.9865	91.7509	180.13	0.84981
12 20 1 8 1 o	51.9929	56.0471	0.44	0.84981

2 24 4 8 1 o	6.3850	6.8753 183.26 0.84954
1 8 6 8 1 o	611.7656	654.0676 180.28 0.84937
4 2 6 8 1 o	124.0472	130.2044 0.20 0.84898
5 16 5 8 1 o	65.3023	68.4906 1.45 0.84896
6 29 1 8 1 o	143.1289	149.5616 180.60 0.84888
5 26 3 8 1 o	7135.7368	7436.8398 180.91 0.84882
4 23 4 8 1 o	2568.0684	2674.0073 180.69 0.84880
12 3 4 8 1 o	289.7910	301.7737 180.29 0.84879
12 18 2 8 1 o	1275.5244	1323.1281 1.27 0.84868
8 27 1 8 1 o	3702.6692	3775.9783 0.62 0.84814
8 10 5 8 1 o	2889.0073	2930.7913 0.51 0.84794
3 18 5 8 1 o	71.2247	71.8953 180.56 0.84771
13 15 2 8 1 o	78.3929	79.6319 359.88 0.84761
11 17 3 8 1 o	2.4842	2.5189 0.95 0.84756
0 19 5 4 1 o	521.2269	525.9023 0.04 0.84753
3 6 6 8 1 o	10.8601	10.9754 1.22 0.84749
12 14 3 8 1 o	189.9229	192.8694 0.23 0.84737
4 3 6 8 1 o	643.5485	655.8954 180.47 0.84689
14 14 1 8 1 o	1206.3459	1235.9003 180.93 0.84677
7 20 4 8 1 o	119.1022	121.9089 180.25 0.84669
15 0 2 4 1 o	5405.1118	5559.8901 180.32 0.84656
15 1 2 8 1 o	172.6630	178.8809 179.61 0.84615
11 23 0 4 1 o	458.4601	476.8694 180.76 0.84592
12 4 4 8 1 o	13.3731	13.9211 0.46 0.84587
1 19 5 8 1 o	166.6775	173.6930 180.34 0.84584
9 6 5 8 1 o	3.9910	4.1585 184.08 0.84583
2 30 2 8 1 o	15.4368	16.1294 356.68 0.84568
15 9 1 8 1 o	5891.8521	6158.1636 0.33 0.84560
10 14 4 8 1 o	690.5135	725.2491 0.39 0.84536
14 11 2 8 1 o	933.8701	981.2372 180.29 0.84525
13 10 3 8 1 o	377.4595	397.5849 180.97 0.84506
15 2 2 8 1 o	31.3517	33.0373 0.91 0.84491
3 31 1 8 1 o	59.7417	63.1526 179.65 0.84460
7 13 5 8 1 o	326.1048	345.0098 180.67 0.84459
0 32 0 2 1 o	4804.9912	5077.8955 180.35 0.84451
1 28 3 8 1 o	694.3030	734.3055 180.41 0.84446
2 8 6 8 1 o	70.5640	74.5554 179.98 0.84431
8 23 3 8 1 o	6.4475	6.7933 179.09 0.84407
4 4 6 8 1 o	354.9423	373.6680 0.40 0.84400
6 15 5 8 1 o	44.9646	47.2721 179.76 0.84328
5 30 1 8 1 o	15.4886	16.4315 1.02 0.84295
15 3 2 8 1 o	15.2054	16.2094 181.08 0.84285
1 9 6 8 1 o	27.1413	29.5349 180.53 0.84233
12 5 4 8 1 o	1911.3054	2091.6140 180.57 0.84217
3 7 6 8 1 o	188.1019	206.9289 0.80 0.84212
4 27 3 8 1 o	201.1334	222.3424 182.13 0.84202
9 26 1 8 1 o	736.9866	829.7528 0.36 0.84151
3 24 4 8 1 o	277.2838	317.8450 359.20 0.84114
11 11 4 8 1 o	10.3519	11.7512 181.02 0.84113
2 19 5 8 1 o	863.9399	992.4964 180.12 0.84083
7 27 2 8 1 o	19.4862	22.1925 0.82 0.84083
14 1 3 8 1 o	590.9734	665.1286 0.41 0.84068
9 7 5 8 1 o	18.8662	21.3077 1.04 0.84049
4 5 6 8 1 o	2.6826	3.0183 0.48 0.84032

15 4 2 8 1 o	202.2911	222.7365	1.00	0.83999
15 11 0 4 1 o	491.4008	540.5251	180.58	0.83996
6 28 2 8 1 o	24.1179	26.6264	180.99	0.83994
2 28 3 8 1 o	11.6902	12.7261	359.99	0.83948
14 2 3 8 1 o	132.3704	143.6491	180.24	0.83946
8 11 5 8 1 o	116.4372	126.2565	0.55	0.83930
13 18 1 8 1 o	133.3223	144.1835	180.54	0.83927
11 21 2 8 1 o	355.1944	382.6793	180.56	0.83899
9 17 4 8 1 o	1283.3208	1382.5763	180.40	0.83890
16 0 0 2 1 o	5864.4326	6119.1196	0.41	0.83796
7 29 0 4 1 o	12.3295	12.9466	356.64	0.83796
10 23 2 8 1 o	16.9334	17.7414	180.52	0.83791
2 32 0 4 1 o	425.9776	445.9651	0.67	0.83789
15 10 1 8 1 o	62.4929	64.9703	179.11	0.83785
8 19 4 8 1 o	2590.9644	2693.3257	180.53	0.83772
12 6 4 8 1 o	733.9405	759.8197	0.58	0.83771
8 26 2 8 1 o	114.5681	118.2236	0.22	0.83761
14 3 3 8 1 o	180.8422	184.1118	1.38	0.83744
3 30 2 8 1 o	192.9385	196.3711	179.14	0.83739
2 9 6 8 1 o	39.4110	40.1449	0.20	0.83739
10 20 3 8 1 o	134.5710	133.7448	180.33	0.83705
13 11 3 8 1 o	161.3560	155.5503	0.31	0.83651
8 28 0 4 1 o	606.1353	579.4366	0.48	0.83638
15 5 2 8 1 o	153.3384	147.0227	1.24	0.83637
16 2 0 4 1 o	2.2713	2.1785	4.56	0.83635
0 10 6 4 1 o	7.2576	6.8831	359.00	0.83628
4 18 5 8 1 o	28.6452	26.9496	0.72	0.83609
3 8 6 8 1 o	2.5232	2.3723	1.68	0.83606
14 12 2 8 1 o	84.3258	79.2549	359.65	0.83589
4 6 6 8 1 o	116.5169	108.9227	359.02	0.83588
5 0 6 4 1 o	44.1349	40.9726	359.86	0.83566
12 15 3 8 1 o	842.9432	781.4689	181.10	0.83554
6 30 0 4 1 o	15.1951	14.0441	177.78	0.83548
5 17 5 8 1 o	4.5714	4.2135	181.24	0.83546
5 1 6 8 1 o	5235.1772	4790.9102	180.87	0.83526
11 23 1 8 1 o	7.2668	6.6657	3.28	0.83525
5 29 2 8 1 o	386.1311	349.6290	0.49	0.83499
13 16 2 8 1 o	12.1314	11.0151	359.59	0.83497
14 15 1 8 1 o	225.0677	204.5794	0.69	0.83497
13 19 0 4 1 o	63.9693	58.0176	2.54	0.83494
1 10 6 8 1 o	199.8449	177.4698	0.43	0.83466
14 4 3 8 1 o	144.9435	130.0769	0.13	0.83464
1 25 4 8 1 o	2.9319	2.5818	179.16	0.83450
9 8 5 8 1 o	664.1606	587.4940	180.27	0.83446
9 22 3 8 1 o	134.7943	118.6455	180.12	0.83433
5 2 6 8 1 o	60.2986	52.5702	0.23	0.83406
6 22 4 8 1 o	108.0979	94.0668	0.51	0.83402
5 23 4 8 1 o	315.7958	274.4362	1.01	0.83390
7 14 5 8 1 o	474.4577	414.4457	180.85	0.83367
10 15 4 8 1 o	50.7705	44.6343	358.79	0.83362
12 19 2 8 1 o	321.8342	284.3550	0.86	0.83361
11 18 3 8 1 o	9.0686	8.0767	2.05	0.83333
4 31 1 8 1 o	1.1110	1.0008	0.85	0.83310
12 21 1 8 1 o	46.7606	42.3165	2.37	0.83309

14 16 0 4 1 o	811.9684	737.5798	180.52	0.83308
3 19 5 8 1 o	32.4323	30.0320	180.17	0.83269
12 7 4 8 1 o	74.2121	69.9280	0.70	0.83252
1 32 1 8 1 o	105.1362	100.8352	180.69	0.83229
5 3 6 8 1 o	544.6703	531.2341	0.99	0.83208
15 6 2 8 1 o	1580.9208	1547.3291	180.33	0.83200
11 12 4 8 1 o	6785.1396	6691.8721	0.49	0.83191
16 4 0 4 1 o	454.9045	455.5825	0.95	0.83159
3 28 3 8 1 o	1734.5963	1769.3201	0.71	0.83137
14 5 3 8 1 o	1301.2894	1336.4266	180.60	0.83108
10 25 1 8 1 o	1501.4165	1549.7756	0.38	0.83103
6 16 5 8 1 o	833.7592	870.0659	180.43	0.83084
9 27 0 4 1 o	5.9995	6.2457	180.60	0.83080
4 7 6 8 1 o	0.5087	0.5328	174.16	0.83073
6 26 3 8 1 o	112.5482	117.8587	180.52	0.83070
9 25 2 8 1 o	111.1598	117.1040	180.92	0.83044
7 21 4 8 1 o	216.0413	229.6426	0.54	0.83015
8 12 5 8 1 o	627.2523	666.1716	180.56	0.83015
1 20 5 8 1 o	172.7241	184.1104	0.16	0.83013
7 25 3 8 1 o	370.4989	394.4330	0.19	0.82999
2 10 6 8 1 o	222.4365	237.7164	180.29	0.82985
4 24 4 8 1 o	0.1382	0.1477	14.08	0.82978
2 25 4 8 1 o	336.7902	360.4965	0.42	0.82969
15 11 1 8 1 o	156.6017	166.5221	180.62	0.82952
3 9 6 8 1 o	4.3432	4.6577	0.17	0.82934
5 4 6 8 1 o	189.7781	203.3488	180.05	0.82934
5 31 0 4 1 o	107.9178	115.6088	1.40	0.82904
10 1 5 8 1 o	14.9531	16.0345	179.63	0.82887
9 9 5 8 1 o	15975.9883	17092.8594	0.49	0.82778
10 2 5 8 1 o	209.2661	223.3111	180.62	0.82771
7 29 1 8 1 o	28.8891	30.7545	0.37	0.82759
2 32 1 8 1 o	858.5185	912.6754	180.74	0.82752
5 27 3 8 1 o	274.7060	292.0713	180.24	0.82746
13 12 3 8 1 o	327.7376	346.9217	180.34	0.82745
16 1 1 8 1 o	4.9294	5.1734	181.82	0.82720
15 7 2 8 1 o	265.6027	276.8275	0.49	0.82692
14 6 3 8 1 o	53.7331	55.8328	0.50	0.82679
12 8 4 8 1 o	1.6281	1.6863	358.58	0.82666
12 22 0 4 1 o	18.1748	18.7603	179.62	0.82653
1 11 6 8 1 o	2.1989	2.2639	3.09	0.82643
4 30 2 8 1 o	497.2670	509.1607	180.02	0.82619
1 31 2 8 1 o	307.4345	314.6366	0.44	0.82617
14 13 2 8 1 o	1643.4960	1679.2869	180.71	0.82607
8 28 1 8 1 o	1554.3785	1587.5958	0.56	0.82606
16 2 1 8 1 o	0.1862	0.1901	21.97	0.82604
5 5 6 8 1 o	2052.1787	2087.3804	180.82	0.82584
10 3 5 8 1 o	326.7378	331.9689	0.98	0.82577
2 20 5 8 1 o	15.9999	16.1604	1.44	0.82540
8 24 3 8 1 o	62.4597	63.0194	180.56	0.82536
6 30 1 8 1 o	878.0138	883.1187	0.59	0.82520
9 18 4 8 1 o	18361.9004	18429.4902	180.51	0.82510
4 8 6 8 1 o	45.8004	45.7513	0.01	0.82491
13 19 1 8 1 o	1270.0702	1262.1096	0.34	0.82468
16 3 1 8 1 o	14.8392	14.5927	359.85	0.82412

16 6 0 4 1 o	486.7507	476.9195	0.25	0.82383
0 29 3 4 1 o	1123.2205	1091.5935	0.57	0.82345
12 16 3 8 1 o	79.9451	77.9866	180.27	0.82343
10 4 5 8 1 o	83.3107	81.5943	179.83	0.82309
14 16 1 8 1 o	0.9835	0.9685	181.61	0.82288
8 20 4 8 1 o	112.4088	111.6276	0.47	0.82245
7 15 5 8 1 o	133.2644	132.4620	181.10	0.82240
11 13 4 8 1 o	187.8475	187.0553	0.56	0.82223
11 22 2 8 1 o	204.4148	203.7162	0.73	0.82213
13 17 2 8 1 o	2878.6123	2868.0920	0.74	0.82213
3 10 6 8 1 o	38.3758	38.3143	359.73	0.82202
1 29 3 8 1 o	48.1228	48.0494	179.78	0.82190
3 25 4 8 1 o	36.2994	36.2541	0.14	0.82186
5 18 5 8 1 o	0.0833	0.0832	184.49	0.82183
14 7 3 8 1 o	0.5785	0.5771	176.34	0.82181
2 11 6 8 1 o	9.6545	9.6419	1.01	0.82176
4 19 5 8 1 o	372.4212	371.8613	359.97	0.82167
5 6 6 8 1 o	30.2383	30.1863	359.97	0.82163
10 16 4 8 1 o	215.3780	214.9500	180.55	0.82159
2 31 2 8 1 o	267.6187	267.0556	180.72	0.82150
10 26 0 4 1 o	9.8068	9.7852	359.76	0.82146
16 4 1 8 1 o	1455.7690	1452.8018	0.72	0.82145
15 8 2 8 1 o	196.0169	195.6285	180.73	0.82117
15 13 0 4 1 o	2413.1289	2408.3250	180.68	0.82114
10 21 3 8 1 o	1586.7501	1582.4475	180.94	0.82106
9 27 1 8 1 o	16724.3379	16691.7070	0.51	0.82069
15 12 1 8 1 o	3.2766	3.2743	0.04	0.82067
8 13 5 8 1 o	46.5536	46.4647	359.63	0.82052
9 10 5 8 1 o	8.9112	8.8982	1.13	0.82050
4 28 3 8 1 o	6.5925	6.5838	0.63	0.82040
12 9 4 8 1 o	86.3384	86.5758	180.37	0.82016
3 32 1 8 1 o	582.9656	589.1070	0.72	0.81975
10 5 5 8 1 o	726.6271	735.9373	0.16	0.81967
10 24 2 8 1 o	308.5788	313.1784	181.07	0.81960
7 28 2 8 1 o	63.8734	65.4643	0.88	0.81930
0 12 6 4 1 o	3360.3618	3460.8101	0.72	0.81920
11 19 3 8 1 o	168.8878	174.3243	0.04	0.81905
5 31 1 8 1 o	944.5490	976.7103	0.32	0.81900
4 32 0 4 1 o	785.0983	813.2429	180.48	0.81892
12 20 2 8 1 o	260.9857	271.5620	180.73	0.81856
4 9 6 8 1 o	4.3411	4.5426	0.05	0.81845
6 0 6 4 1 o	379.0220	396.1344	181.57	0.81835
6 17 5 8 1 o	2.1007	2.1958	358.54	0.81817
16 5 1 8 1 o	310.2939	321.3314	0.77	0.81806
6 1 6 8 1 o	47.5378	49.5140	180.92	0.81798
13 13 3 8 1 o	16.2113	16.8137	179.47	0.81792
6 29 2 8 1 o	641.9541	665.4130	180.69	0.81773
3 20 5 8 1 o	518.0153	537.6633	0.63	0.81769
1 12 6 8 1 o	537.8547	558.1039	0.36	0.81768
1 33 0 4 1 o	7.3778	7.5991	178.88	0.81740
2 29 3 8 1 o	131.0499	134.9469	180.45	0.81730
11 24 1 8 1 o	334.3062	342.1125	0.27	0.81711
8 27 2 8 1 o	20.1391	20.6087	360.00	0.81707
9 23 3 8 1 o	0.7796	0.7963	357.23	0.81699

6 2 6 8 1 o	476.6024	485.1109	180.32	0.81686
5 7 6 8 1 o	115.9936	117.6133	181.04	0.81674
6 23 4 8 1 o	1670.3550	1691.1465	0.81	0.81670
12 22 1 8 1 o	185.8051	186.9428	181.33	0.81657
0 26 4 4 1 o	740.9151	740.9817	180.26	0.81643
14 8 3 8 1 o	15.2064	15.0761	180.59	0.81616
0 21 5 4 1 o	699.0895	685.8923	180.73	0.81603
14 14 2 8 1 o	44.7076	43.9283	1.06	0.81585
5 24 4 8 1 o	531.9951	519.3079	180.03	0.81584
10 6 5 8 1 o	22.0512	21.5133	178.63	0.81556
6 3 6 8 1 o	414.1213	406.6222	0.59	0.81500
1 26 4 8 1 o	56.4553	55.5502	0.44	0.81492
15 9 2 8 1 o	0.2772	0.2733	181.00	0.81480
1 21 5 8 1 o	3816.0676	3789.1128	0.54	0.81452
3 11 6 8 1 o	104.7339	103.3740	180.96	0.81414
16 6 1 8 1 o	1880.8409	1839.4805	180.50	0.81396
3 31 2 8 1 o	9.8730	9.6359	181.49	0.81390
7 22 4 8 1 o	17.9411	17.4267	2.55	0.81380
16 8 0 4 1 o	29.3405	28.1141	182.55	0.81331
2 12 6 8 1 o	1110.9307	1044.2324	180.82	0.81315
12 10 4 8 1 o	27.8760	26.4169	179.59	0.81308
9 11 5 8 1 o	28.3522	26.7931	0.24	0.81267
13 0 4 4 1 o	86.2823	82.5478	4.39	0.81250
5 30 2 8 1 o	618.4913	589.9716	0.15	0.81242
6 4 6 8 1 o	186.2303	177.3700	180.61	0.81242
11 14 4 8 1 o	41.1490	40.0215	181.20	0.81214
13 1 4 8 1 o	669.5240	653.0920	1.03	0.81213
10 26 1 8 1 o	997.2872	1006.5704	359.96	0.81168
4 10 6 8 1 o	197.2898	204.5233	0.23	0.81141
15 13 1 8 1 o	264.4566	272.8871	180.96	0.81137
4 25 4 8 1 o	2.5618	2.6919	354.99	0.81126
9 19 4 8 1 o	48.7792	51.2160	0.53	0.81123
5 8 6 8 1 o	458.4321	483.2675	180.24	0.81120
9 26 2 8 1 o	2.2495	2.3727	1.08	0.81114
12 17 3 8 1 o	0.3057	0.3225	184.56	0.81110
13 2 4 8 1 o	261.4720	276.1853	180.40	0.81104
7 16 5 8 1 o	689.5032	742.5961	180.47	0.81084
10 7 5 8 1 o	997.8338	1071.7684	180.34	0.81077
7 26 3 8 1 o	3561.1428	3843.8906	0.60	0.81072
6 27 3 8 1 o	293.1788	317.1860	181.27	0.81065
14 17 1 8 1 o	47.7899	51.2184	0.59	0.81058
8 14 5 8 1 o	493.5761	535.1481	0.76	0.81050
2 26 4 8 1 o	81.1700	88.3878	0.06	0.81044
13 20 1 8 1 o	23.8729	25.6062	0.86	0.81010
2 21 5 8 1 o	636.5244	689.7415	0.81	0.81005
14 9 3 8 1 o	16462.4941	17562.6641	0.50	0.80991
3 29 3 8 1 o	7.5302	8.0683	180.85	0.80982
10 17 4 8 1 o	343.3512	360.4217	179.81	0.80934
0 33 1 4 1 o	3334.3562	3485.7917	180.43	0.80923
4 32 1 8 1 o	2107.1802	2202.7195	0.76	0.80923
13 3 4 8 1 o	188.9214	197.1965	359.98	0.80922
16 7 1 8 1 o	486.3356	506.9596	180.31	0.80921
6 5 6 8 1 o	8.5504	8.9087	180.26	0.80913
13 18 2 8 1 o	45.6364	47.4932	185.07	0.80913

11 25 0 4 1 o	56.8228	58.4274	1.36	0.80874
1 13 6 8 1 o	355.8222	362.9516	0.56	0.80848
5 19 5 8 1 o	0.0312	0.0316	162.52	0.80812
13 14 3 8 1 o	1025.4734	1038.0499	180.94	0.80799
15 10 2 8 1 o	5.7571	5.8207	4.00	0.80785
1 33 1 8 1 o	2585.9656	2607.5010	180.64	0.80776
14 18 0 4 1 o	14073.7930	14156.1826	180.51	0.80740
8 21 4 8 1 o	178.1333	178.5364	1.29	0.80726
4 20 5 8 1 o	493.0667	493.6102	180.58	0.80724
8 25 3 8 1 o	1550.4967	1552.7863	180.31	0.80712
5 28 3 8 1 o	542.3760	542.3425	181.23	0.80692
13 4 4 8 1 o	1002.2535	1005.5908	180.43	0.80669
3 12 6 8 1 o	457.3344	468.4236	180.31	0.80578
7 30 1 8 1 o	281.8418	290.4443	180.60	0.80560
11 23 2 8 1 o	288.1750	297.6224	180.47	0.80553
3 33 0 4 1 o	1683.4611	1740.1471	0.65	0.80551
12 11 4 8 1 o	101.8064	105.3448	180.47	0.80546
6 18 5 8 1 o	19.9584	20.7681	180.72	0.80536
10 8 5 8 1 o	884.3118	918.5777	0.05	0.80535
14 15 2 8 1 o	14.2523	14.8019	178.52	0.80527
10 22 3 8 1 o	429.0606	447.1255	0.23	0.80523
6 6 6 8 1 o	2124.2454	2220.0161	180.33	0.80517
5 9 6 8 1 o	134.0927	140.5335	180.42	0.80506
8 29 1 8 1 o	337.1734	353.1273	180.48	0.80491
13 21 0 4 1 o	44.9621	47.0301	0.69	0.80478
11 20 3 8 1 o	263.1486	275.8158	0.38	0.80476
9 12 5 8 1 o	11.0432	11.5572	182.21	0.80435
0 32 2 4 1 o	136.0778	142.3230	180.81	0.80431
2 13 6 8 1 o	158.5867	165.4305	0.16	0.80410
4 11 6 8 1 o	71.8872	74.3119	180.71	0.80384
16 8 1 8 1 o	6884.1450	7092.9146	0.57	0.80382
4 31 2 8 1 o	239.4114	245.2595	1.04	0.80360
12 21 2 8 1 o	231.4288	236.9776	0.46	0.80359
13 5 4 8 1 o	693.5606	707.7405	0.70	0.80347
2 33 1 8 1 o	1367.8101	1391.7217	0.44	0.80340
3 26 4 8 1 o	133.2441	134.1731	180.39	0.80313
14 10 3 8 1 o	150.2908	151.8255	0.09	0.80309
1 32 2 8 1 o	555.7532	557.1633	0.54	0.80287
3 21 5 8 1 o	2284.1228	2278.8286	180.47	0.80276
6 31 1 8 1 o	12.9118	12.9326	181.15	0.80269
10 25 2 8 1 o	0.2035	0.2090	17.34	0.80173
11 15 4 8 1 o	131.8432	135.6033	180.02	0.80171
15 14 1 8 1 o	582.8215	600.9985	0.72	0.80168
15 15 0 4 1 o	1181.9957	1270.8271	0.52	0.80070
9 28 1 8 1 o	6.0638	6.5749	357.66	0.80063
6 7 6 8 1 o	157.9609	172.3770	180.59	0.80057
15 11 2 8 1 o	276.2949	297.1401	180.40	0.80038
16 10 0 4 1 o	195.3579	209.6178	1.24	0.80037
1 30 3 8 1 o	76.4387	83.2876	0.62	0.80035
0 14 6 4 1 o	271.3658	296.5547	180.59	0.80031
12 23 1 8 1 o	188.9311	203.9280	180.67	0.80030
8 15 5 8 1 o	117.8894	127.5236	181.19	0.80013
9 24 3 8 1 o	12.4234	13.3347	177.86	0.79999
6 24 4 8 1 o	456.0187	483.8888	0.34	0.79972

4 29 3 8 1 o	1329.2292	1405.3179	0.44	0.79967
13 6 4 8 1 o	366.8265	384.4808	1.17	0.79960
11 25 1 8 1 o	224.4118	232.8716	180.67	0.79940
10 9 5 8 1 o	782.1344	809.1821	0.84	0.79934
7 0 6 4 1 o	198.1381	203.6748	180.39	0.79923
1 22 5 8 1 o	467.3771	475.5965	180.37	0.79907
7 17 5 8 1 o	0.3097	0.3150	5.88	0.79906
1 14 6 8 1 o	13.5058	13.5786	182.02	0.79888
7 1 6 8 1 o	2707.2021	2722.0413	0.59	0.79888
16 0 2 4 1 o	4164.7720	4143.6304	180.42	0.79865
7 29 2 8 1 o	481.5011	477.7551	180.78	0.79865
12 18 3 8 1 o	17.5917	17.4317	0.23	0.79861
2 32 2 8 1 o	28.4483	28.1284	178.74	0.79859
5 10 6 8 1 o	122.9796	120.0537	0.33	0.79836
16 1 2 8 1 o	3062.7515	3000.4553	180.71	0.79830
5 25 4 8 1 o	161.5581	156.6182	0.44	0.79821
14 18 1 8 1 o	22.0203	21.3716	180.99	0.79811
16 9 1 8 1 o	3581.4561	3453.4006	180.40	0.79784
7 2 6 8 1 o	5.4727	5.2355	0.82	0.79783
13 15 3 8 1 o	134.8916	129.1230	180.40	0.79771
7 23 4 8 1 o	350.7104	333.6591	180.87	0.79769
11 1 5 8 1 o	38.8289	36.9291	0.50	0.79749
12 12 4 8 1 o	1642.6721	1560.1002	180.50	0.79735
9 20 4 8 1 o	44.8862	42.4663	0.84	0.79734
8 28 2 8 1 o	56.4380	53.4420	0.44	0.79727
16 2 2 8 1 o	124.2350	118.6192	180.04	0.79726
3 13 6 8 1 o	840.8861	792.8615	180.84	0.79697
10 18 4 8 1 o	15.0517	14.2690	2.98	0.79692
6 30 2 8 1 o	317.7740	304.8817	0.31	0.79650
15 1 3 8 1 o	441.0486	425.4389	0.28	0.79649
11 2 5 8 1 o	42.5263	40.9504	180.94	0.79645
3 33 1 8 1 o	264.5637	256.3500	1.18	0.79628
5 32 1 8 1 o	846.0134	819.8538	180.74	0.79628
2 30 3 8 1 o	18.1218	17.6955	179.67	0.79611
7 3 6 8 1 o	418.0063	408.3616	180.78	0.79610
13 19 2 8 1 o	330.0679	323.8725	0.86	0.79603
1 27 4 8 1 o	2.4399	2.4001	181.01	0.79596
4 12 6 8 1 o	764.0871	758.5948	0.65	0.79578
14 11 3 8 1 o	1269.0980	1260.2672	180.42	0.79574
9 13 5 8 1 o	289.5589	289.5766	0.79	0.79559
13 21 1 8 1 o	637.8759	637.1711	0.84	0.79558
16 3 2 8 1 o	1374.8806	1373.9906	0.48	0.79553
15 2 3 8 1 o	10.2284	10.2442	2.16	0.79546
6 8 6 8 1 o	1.5426	1.5546	175.81	0.79535
13 7 4 8 1 o	5.2862	5.3327	359.29	0.79508
2 22 5 8 1 o	297.8828	301.6504	0.79	0.79484
0 34 0 2 1 o	4582.1797	4630.7681	0.60	0.79483
11 3 5 8 1 o	343.3852	346.8745	181.35	0.79472
2 14 6 8 1 o	262.8185	265.7836	180.10	0.79466
14 16 2 8 1 o	883.6918	891.2490	0.50	0.79442
5 20 5 8 1 o	341.6033	344.4607	180.63	0.79439
15 3 3 8 1 o	15.8658	15.9892	0.51	0.79374
7 4 6 8 1 o	300.7454	302.2551	0.25	0.79369
8 30 0 4 1 o	831.9471	839.7048	180.86	0.79346

7 31 0 4 1 o	657.4843	663.8198	180.64	0.79344
4 26 4 8 1 o	268.3398	271.8287	180.25	0.79323
16 4 2 8 1 o	145.7416	148.4810	1.11	0.79313
12 24 0 4 1 o	5731.4819	5837.8818	0.53	0.79311
10 27 1 8 1 o	539.4727	552.1492	180.94	0.79295
4 21 5 8 1 o	0.5918	0.6073	184.75	0.79287
10 10 5 8 1 o	137.0775	141.1172	359.93	0.79278
6 19 5 8 1 o	608.2195	634.2736	180.08	0.79244
9 27 2 8 1 o	1.4278	1.4864	2.68	0.79244
15 12 2 8 1 o	25.0554	26.0298	179.38	0.79242
11 4 5 8 1 o	280.0925	292.3420	0.53	0.79233
8 22 4 8 1 o	48.3459	50.7265	181.39	0.79221
7 27 3 8 1 o	208.2146	219.0788	0.09	0.79205
2 27 4 8 1 o	1.0054	1.0623	177.93	0.79179
15 15 1 8 1 o	19.8312	20.7995	178.53	0.79164
3 32 2 8 1 o	39.0341	41.1000	359.06	0.79160
15 4 3 8 1 o	1881.7574	1968.4783	0.81	0.79136
16 10 1 8 1 o	4401.1665	4599.5747	0.58	0.79132
6 28 3 8 1 o	19.5977	20.5554	359.89	0.79131
5 11 6 8 1 o	948.8129	992.0166	0.62	0.79114
11 16 4 8 1 o	410.2408	427.3282	0.38	0.79099
5 31 2 8 1 o	60.0430	62.4683	1.33	0.79092
7 5 6 8 1 o	549.0343	569.1270	0.96	0.79063
11 21 3 8 1 o	51.3583	53.2130	359.93	0.79052
16 5 2 8 1 o	1605.2880	1662.4612	180.73	0.79007
9 29 0 4 1 o	309.1736	320.4396	1.06	0.79004
6 32 0 4 1 o	1816.3264	1883.0295	0.26	0.78998
13 8 4 8 1 o	69.9823	72.5239	0.80	0.78997
10 23 3 8 1 o	103.3798	107.2395	0.91	0.78961
6 9 6 8 1 o	31.6988	32.9106	0.25	0.78956
8 16 5 8 1 o	344.4111	357.3195	0.60	0.78948
8 26 3 8 1 o	185.7126	192.3686	0.41	0.78936
2 34 0 4 1 o	1921.0979	1987.1188	0.27	0.78931
11 5 5 8 1 o	132.7154	137.1988	180.31	0.78928
11 24 2 8 1 o	623.0331	643.4264	1.06	0.78922
3 30 3 8 1 o	64.5995	66.7470	180.94	0.78918
1 15 6 8 1 o	537.5363	552.7133	180.35	0.78895
12 13 4 8 1 o	843.8704	864.3378	0.75	0.78882
12 22 2 8 1 o	22.4988	23.0019	179.96	0.78873
17 1 0 4 1 o	1986.6318	2017.8478	180.64	0.78833
15 5 3 8 1 o	1.3910	1.4120	358.02	0.78832
3 22 5 8 1 o	61.4390	62.0240	0.95	0.78795
14 12 3 8 1 o	124.4640	125.7037	0.40	0.78792
3 14 6 8 1 o	384.5661	387.6946	0.44	0.78777
4 13 6 8 1 o	158.7312	158.3066	0.24	0.78729
5 29 3 8 1 o	102.5925	101.8367	180.14	0.78717
13 16 3 8 1 o	32.6783	32.4755	0.22	0.78715
7 18 5 8 1 o	30.8516	30.5403	359.74	0.78711
7 6 6 8 1 o	10.0581	9.8885	180.65	0.78694
4 33 1 8 1 o	1422.0902	1387.7716	180.37	0.78663
9 14 5 8 1 o	28.8471	28.0290	0.46	0.78644
16 6 2 8 1 o	682.8588	671.2714	180.24	0.78638
12 19 3 8 1 o	245.5511	241.7273	0.39	0.78601
10 11 5 8 1 o	90.5540	90.5331	359.98	0.78571

17	3	0	4	1	o	220.8734	223.5925	1.09	0.78566
11	6	5	8	1	o	235.3861	237.6782	0.58	0.78560
14	19	1	8	1	o	19.2073	19.5625	181.25	0.78553
16	12	0	4	1	o	372.6187	386.1235	359.90	0.78536
0	23	5	4	1	o	75.4738	80.0496	0.94	0.78514
3	27	4	8	1	o	109.7399	119.0142	180.59	0.78497
2	15	6	8	1	o	32.8366	36.0815	180.86	0.78488
15	6	3	8	1	o	1925.7091	2140.1975	180.48	0.78466
8	30	1	8	1	o	233.9277	262.6564	180.96	0.78464
1	34	1	8	1	o	0.7575	0.8526	181.07	0.78462
7	31	1	8	1	o	859.6630	967.4760	180.55	0.78462
10	19	4	8	1	o	5.0846	5.8453	1.77	0.78441
10	26	2	8	1	o	0.5226	0.6024	178.74	0.78432
12	24	1	8	1	o	83.4505	95.9059	180.19	0.78430
13	9	4	8	1	o	248.5162	285.2532	0.33	0.78430
16	11	1	8	1	o	18.1745	20.6841	1.27	0.78429
15	13	2	8	1	o	516.9690	595.3680	180.68	0.78404
1	23	5	8	1	o	0.2852	0.3378	186.21	0.78380
9	21	4	8	1	o	255.2213	295.9077	0.15	0.78348
5	12	6	8	1	o	163.2930	189.9551	0.24	0.78346
9	25	3	8	1	o	164.2769	188.8376	180.22	0.78335
14	17	2	8	1	o	295.5631	336.4332	181.81	0.78332
10	28	0	4	1	o	517.1865	590.5712	180.28	0.78331
6	10	6	8	1	o	397.8929	455.4635	180.51	0.78323
5	33	0	4	1	o	108.0535	122.8345	359.45	0.78321
6	25	4	8	1	o	332.7706	377.0615	0.74	0.78309
13	20	2	8	1	o	408.3549	452.8253	0.48	0.78290
7	7	6	8	1	o	437.2840	476.9856	0.80	0.78263
11	26	1	8	1	o	535.2075	566.9038	0.68	0.78214
4	32	2	8	1	o	70.8295	74.8910	359.65	0.78211
16	7	2	8	1	o	352.3035	372.3908	180.55	0.78209
7	24	4	8	1	o	2080.6384	2174.6531	0.42	0.78184
14	20	0	4	1	o	1399.7065	1443.6321	0.50	0.78133
9	29	1	8	1	o	7.5861	7.8184	358.41	0.78133
11	7	5	8	1	o	101.5570	104.6610	180.45	0.78132
15	16	1	8	1	o	73.5451	75.8405	179.75	0.78131
6	32	1	8	1	o	1510.1459	1554.3209	180.87	0.78127
13	22	1	8	1	o	435.6021	447.5612	0.62	0.78116
0	31	3	4	1	o	362.3472	371.4880	180.89	0.78108
5	26	4	8	1	o	70.0671	71.7666	0.51	0.78103
1	33	2	8	1	o	1382.3101	1411.9100	180.47	0.78078
5	21	5	8	1	o	659.0832	672.5084	0.22	0.78068
2	34	1	8	1	o	237.5575	242.1385	180.43	0.78062
17	5	0	4	1	o	2274.3252	2308.5784	180.56	0.78041
15	7	3	8	1	o	28.4879	28.9135	0.13	0.78039
0	16	6	4	1	o	1343.3700	1353.3524	0.60	0.78005
11	17	4	8	1	o	509.3809	512.8329	180.70	0.78004
12	14	4	8	1	o	84.5076	84.6988	179.87	0.77990
2	23	5	8	1	o	264.4439	264.1810	180.84	0.77981
4	30	3	8	1	o	150.1412	149.8687	180.49	0.77978
1	31	3	8	1	o	211.5625	211.0351	180.05	0.77976
14	13	3	8	1	o	94.0248	93.6196	181.17	0.77968
17	1	1	8	1	o	55.7257	55.5175	181.75	0.77968
6	20	5	8	1	o	695.1700	686.6749	0.58	0.77948

15 17 0 4 1 o	9173.0068	8992.2852	180.76	0.77911
0 28 4 4 1 o	115.6360	112.4863	0.53	0.77894
7 30 2 8 1 o	2555.8079	2483.0132	180.44	0.77883
8 0 6 4 1 o	2664.0498	2581.5591	0.67	0.77874
1 16 6 8 1 o	25.8169	24.9676	180.49	0.77873
17 2 1 8 1 o	97.5058	94.7846	180.72	0.77871
4 22 5 8 1 o	634.6288	611.5442	180.85	0.77859
8 17 5 8 1 o	202.6259	195.4345	180.09	0.77859
4 14 6 8 1 o	78.0664	74.8830	181.14	0.77842
8 1 6 8 1 o	100.0983	96.1728	0.63	0.77842
3 15 6 8 1 o	419.6195	400.4358	0.76	0.77824
8 29 2 8 1 o	34.8727	33.3496	2.18	0.77820
10 12 5 8 1 o	4.0395	3.8605	4.08	0.77818
13 10 4 8 1 o	294.3595	281.4945	180.54	0.77809
7 8 6 8 1 o	284.3611	269.8513	0.20	0.77776
1 28 4 8 1 o	1.7266	1.6351	180.92	0.77763
8 2 6 8 1 o	1.6028	1.5224	0.60	0.77745
8 23 4 8 1 o	793.7620	754.0720	180.73	0.77732
16 8 2 8 1 o	3.6888	3.5336	182.99	0.77722
17 3 1 8 1 o	353.3365	339.4618	0.61	0.77710
9 15 5 8 1 o	478.9455	458.0521	1.07	0.77696
2 33 2 8 1 o	717.2921	688.3821	0.43	0.77684
16 12 1 8 1 o	401.2591	387.4580	180.80	0.77680
11 8 5 8 1 o	175.2154	170.4862	181.08	0.77647
6 11 6 8 1 o	28.5889	27.8395	1.22	0.77641
11 22 3 8 1 o	107.4285	104.9560	181.27	0.77636
13 17 3 8 1 o	15.2875	14.9476	180.60	0.77636
6 31 2 8 1 o	197.4100	194.1093	181.03	0.77620
8 3 6 8 1 o	60.6022	60.4189	181.05	0.77585
2 31 3 8 1 o	265.8139	265.1828	0.66	0.77583
4 27 4 8 1 o	106.8457	107.0682	180.52	0.77572
15 8 3 8 1 o	9036.3564	9094.6758	0.71	0.77556
5 13 6 8 1 o	684.6968	694.6649	1.01	0.77535
15 14 2 8 1 o	602.1735	610.9039	180.70	0.77528
13 23 0 4 1 o	1704.9338	1738.6162	0.80	0.77510
7 19 5 8 1 o	4.0065	4.0998	357.54	0.77504
14 0 4 4 1 o	1048.1917	1071.4872	0.36	0.77499
17 4 1 8 1 o	3.3368	3.4164	354.69	0.77486
2 16 6 8 1 o	307.5824	316.6032	0.44	0.77482
10 28 1 8 1 o	23.0742	23.6989	359.64	0.77482
5 33 1 8 1 o	326.3324	335.9276	180.37	0.77472
14 1 4 8 1 o	375.5106	386.3820	1.54	0.77467
9 28 2 8 1 o	799.3472	828.2246	180.35	0.77434
10 24 3 8 1 o	0.9026	0.9365	1.62	0.77423
3 34 1 8 1 o	0.6500	0.6749	3.52	0.77409
12 23 2 8 1 o	1346.8453	1397.7670	0.64	0.77404
7 28 3 8 1 o	2508.4036	2607.4395	0.64	0.77398
2 28 4 8 1 o	22.4620	23.3446	359.98	0.77373
14 2 4 8 1 o	170.0170	176.2498	0.35	0.77371
8 4 6 8 1 o	350.8375	364.0146	0.69	0.77362
11 27 0 4 1 o	325.4629	337.2780	180.55	0.77352
4 34 0 4 1 o	537.7443	557.1028	0.99	0.77339
12 20 3 8 1 o	0.1145	0.1186	1.57	0.77336
3 23 5 8 1 o	341.5577	353.8790	179.98	0.77330

11 25 2 8 1 o	13.3222	13.8003	179.24	0.77323
14 20 1 8 1 o	453.4705	470.5100	0.42	0.77290
17 7 0 4 1 o	819.5185	850.9280	180.65	0.77271
6 29 3 8 1 o	53.1047	55.3252	0.62	0.77265
7 9 6 8 1 o	15.0382	15.7239	0.06	0.77234
14 3 4 8 1 o	178.3119	185.8387	180.70	0.77213
8 27 3 8 1 o	6279.7695	6563.6860	0.57	0.77210
14 18 2 8 1 o	238.0947	248.1002	359.92	0.77206
17 5 1 8 1 o	257.2314	267.3215	1.11	0.77201
10 20 4 8 1 o	162.0464	168.8276	0.50	0.77183
16 9 2 8 1 o	20.3249	21.0926	359.90	0.77181
13 11 4 8 1 o	217.2879	223.9625	180.27	0.77141
11 9 5 8 1 o	3865.7527	3950.3755	180.87	0.77108
14 14 3 8 1 o	60.3432	61.6381	180.29	0.77107
1 35 0 4 1 o	9067.3730	9211.2793	0.47	0.77085
8 5 6 8 1 o	112.6585	114.2408	0.15	0.77078
15 17 1 8 1 o	114.4439	116.0782	0.90	0.77076
12 15 4 8 1 o	272.2180	275.2685	0.21	0.77065
3 33 2 8 1 o	116.0772	116.7208	180.23	0.77040
5 32 2 8 1 o	432.2530	434.6524	0.42	0.77040
10 13 5 8 1 o	28.5156	28.5908	179.99	0.77024
15 9 3 8 1 o	139.5006	140.0002	0.42	0.77018
14 4 4 8 1 o	100.0634	100.1002	0.26	0.76994
13 21 2 8 1 o	305.3347	304.8849	180.36	0.76976
9 22 4 8 1 o	199.3862	198.7140	180.92	0.76969
3 31 3 8 1 o	132.4577	131.8601	0.05	0.76942
4 15 6 8 1 o	20.8005	20.6908	1.70	0.76923
6 12 6 8 1 o	248.6427	247.4601	0.78	0.76915
11 18 4 8 1 o	4466.8950	4454.3374	0.92	0.76891
16 13 1 8 1 o	9.2637	9.2595	177.44	0.76890
1 24 5 8 1 o	783.5355	780.5627	0.45	0.76875
16 14 0 4 1 o	78.5074	78.6127	181.68	0.76866
12 25 1 8 1 o	523.4701	523.7012	0.89	0.76860
17 6 1 8 1 o	418.8832	420.1262	0.67	0.76857
3 16 6 8 1 o	24.3027	24.3007	0.38	0.76843
1 17 6 8 1 o	8905.1211	8928.5947	0.48	0.76827
5 30 3 8 1 o	887.2411	892.7148	0.61	0.76817
8 18 5 8 1 o	16.6756	17.1590	0.39	0.76752
10 27 2 8 1 o	39.4104	40.7394	180.55	0.76738
3 28 4 8 1 o	490.1920	507.6516	0.30	0.76737
8 6 6 8 1 o	3465.6084	3587.6326	0.50	0.76736
9 16 5 8 1 o	201.0381	209.3982	0.90	0.76719
14 5 4 8 1 o	1627.3691	1692.9055	0.79	0.76714
9 26 3 8 1 o	3872.1228	4044.2915	180.74	0.76709
5 22 5 8 1 o	4.3155	4.5233	184.59	0.76704
12 1 5 8 1 o	330.6183	346.3409	0.11	0.76689
5 14 6 8 1 o	15.1743	15.9650	359.71	0.76688
13 23 1 8 1 o	552.1394	578.2576	180.69	0.76687
6 26 4 8 1 o	127.1600	133.8029	359.97	0.76685
6 21 5 8 1 o	7.4277	7.8456	359.73	0.76652
7 10 6 8 1 o	31.7172	33.4639	180.20	0.76641
7 25 4 8 1 o	92.5738	97.6327	0.04	0.76629
15 15 2 8 1 o	869.2921	911.7953	0.45	0.76619
12 2 5 8 1 o	91.3870	95.7797	0.46	0.76597

16 10 2 8 1 o	3.0816	3.2201	176.87	0.76590
13 18 3 8 1 o	3.1589	3.2763	181.33	0.76538
11 27 1 8 1 o	5167.5967	5355.9434	180.82	0.76534
4 34 1 8 1 o	35.1246	36.3346	1.36	0.76521
8 31 1 8 1 o	52.6122	54.4161	1.41	0.76521
11 10 5 8 1 o	32.0053	33.0897	180.98	0.76518
2 24 5 8 1 o	437.5677	451.5099	180.44	0.76498
7 32 1 8 1 o	499.6606	510.7729	0.75	0.76458
17 7 1 8 1 o	0.9434	0.9623	4.61	0.76456
2 17 6 8 1 o	181.0954	185.1058	0.44	0.76452
4 23 5 8 1 o	7.3501	7.4966	1.47	0.76445
12 3 5 8 1 o	848.0393	863.3638	180.78	0.76444
15 10 3 8 1 o	5534.1470	5610.3496	0.67	0.76431
5 27 4 8 1 o	1.4895	1.5113	179.80	0.76429
13 12 4 8 1 o	3707.5989	3756.8948	180.48	0.76428
0 35 1 4 1 o	0.1053	0.1057	175.66	0.76399
14 6 4 8 1 o	116.7325	116.2991	180.54	0.76376
8 7 6 8 1 o	577.7550	567.2482	0.40	0.76337
7 20 5 8 1 o	327.8825	319.8821	0.95	0.76290
17 9 0 4 1 o	0.1100	0.1083	178.55	0.76280
1 35 1 8 1 o	6.4821	6.3527	181.07	0.76275
9 30 1 8 1 o	2.3382	2.2928	3.04	0.76275
8 24 4 8 1 o	432.5478	424.1411	180.50	0.76263
11 23 3 8 1 o	17.2657	17.0961	1.04	0.76234
12 4 5 8 1 o	101.9103	101.0725	181.75	0.76230
14 15 3 8 1 o	104.9616	104.7631	1.63	0.76212
10 14 5 8 1 o	12.7809	12.8384	0.72	0.76193
4 33 2 8 1 o	1.2634	1.2818	190.08	0.76165
6 13 6 8 1 o	0.0020	0.0020	205.27	0.76147
12 16 4 8 1 o	921.9264	948.4564	180.57	0.76111
0 34 2 4 1 o	414.6754	427.4967	180.58	0.76105
12 26 0 4 1 o	9.4186	9.7018	0.67	0.76101
6 33 1 8 1 o	434.8276	449.2584	0.03	0.76088
3 35 0 4 1 o	527.7556	545.3665	181.29	0.76085
4 31 3 8 1 o	11.1014	11.5096	180.64	0.76070
12 21 3 8 1 o	367.3754	380.1665	1.26	0.76069
14 19 2 8 1 o	66.7719	69.0269	182.67	0.76066
16 14 1 8 1 o	552.7000	570.5832	1.18	0.76063
14 21 1 8 1 o	121.7806	125.9415	359.92	0.76026
1 32 3 8 1 o	246.4476	255.6019	180.81	0.76008
7 11 6 8 1 o	140.7558	145.8663	181.19	0.76002
15 18 1 8 1 o	39.6262	40.8353	180.23	0.76001
17 8 1 8 1 o	7925.3271	8150.7671	180.52	0.76001
1 29 4 8 1 o	60.2282	62.3309	0.48	0.75990
8 30 2 8 1 o	2158.6992	2224.0154	180.45	0.75984
14 7 4 8 1 o	205.2509	210.8135	0.35	0.75983
1 34 2 8 1 o	292.6797	301.5778	180.80	0.75983
7 31 2 8 1 o	32.8692	33.8528	180.50	0.75982
4 16 6 8 1 o	473.5723	488.0006	0.66	0.75974
12 5 5 8 1 o	200.0094	204.0922	0.86	0.75959
12 24 2 8 1 o	18.0551	18.3824	3.13	0.75953
16 11 2 8 1 o	225.7929	229.2823	0.76	0.75952
10 21 4 8 1 o	262.8468	264.1256	180.84	0.75924
10 25 3 8 1 o	1695.0707	1691.9850	180.71	0.75912

2 35 1 8 1 o	336.2698	334.8477	0.37	0.75908
0 18 6 4 1 o	36975.4492	36295.0508	0.54	0.75885
8 8 6 8 1 o	51.4445	50.5230	359.74	0.75884
3 24 5 8 1 o	0.3633	0.3563	189.99	0.75883
11 11 5 8 1 o	67.4961	66.2538	180.01	0.75882
4 28 4 8 1 o	20.8914	20.3548	180.01	0.75872
3 17 6 8 1 o	193.9502	185.2693	181.53	0.75838
5 15 6 8 1 o	288.6062	273.1975	181.11	0.75808
15 11 3 8 1 o	45.9778	43.8702	180.31	0.75797
11 19 4 8 1 o	29.8415	28.3739	0.36	0.75765
1 18 6 8 1 o	420.7764	398.2149	0.63	0.75763
11 26 2 8 1 o	57.8443	55.1209	0.29	0.75757
9 0 6 4 1 o	1222.9867	1170.4515	0.39	0.75733
10 29 1 8 1 o	99.2651	95.2282	180.35	0.75728
9 17 5 8 1 o	114.2277	109.6632	180.46	0.75719
9 1 6 8 1 o	2856.5491	2755.4282	180.68	0.75703
9 29 2 8 1 o	47.8273	46.3915	0.73	0.75683
15 16 2 8 1 o	0.0357	0.0347	350.49	0.75682
15 19 0 4 1 o	751.9488	731.2411	181.25	0.75680
6 32 2 8 1 o	35.0347	34.0221	0.57	0.75678
13 13 4 8 1 o	812.6201	790.4344	180.57	0.75675
13 22 2 8 1 o	242.8143	236.6560	0.25	0.75668
7 29 3 8 1 o	127.4038	124.6280	0.28	0.75650
2 32 3 8 1 o	2.8289	2.7706	180.57	0.75644
8 19 5 8 1 o	481.3642	473.0587	0.05	0.75632
12 6 5 8 1 o	117.0211	115.1276	180.36	0.75631
2 29 4 8 1 o	0.1871	0.1841	342.51	0.75627
16 1 3 8 1 o	372.4223	367.7774	180.92	0.75620
2 34 2 8 1 o	1294.8496	1277.3333	180.75	0.75619
9 2 6 8 1 o	43.7252	43.1941	180.61	0.75614
9 23 4 8 1 o	38.3262	37.9864	179.72	0.75602
17 0 2 4 1 o	1498.9829	1502.1666	180.58	0.75563
14 8 4 8 1 o	0.3863	0.3897	356.03	0.75536
17 1 2 8 1 o	3196.1985	3225.2380	180.67	0.75534
8 28 3 8 1 o	32.3940	32.7080	179.98	0.75533
16 2 3 8 1 o	274.2985	276.9437	0.32	0.75531
14 22 0 4 1 o	574.9471	581.2292	0.49	0.75526
0 25 5 4 1 o	1487.4545	1508.5566	0.41	0.75514
17 9 1 8 1 o	1535.2220	1561.5658	0.56	0.75495
6 30 3 8 1 o	37.5932	38.4879	0.85	0.75467
9 3 6 8 1 o	76.3465	78.1603	2.01	0.75467
17 2 2 8 1 o	179.3269	184.2085	359.87	0.75445
13 19 3 8 1 o	96.4369	99.4754	179.96	0.75427
5 34 1 8 1 o	0.7012	0.7239	184.71	0.75424
8 32 0 4 1 o	20.4574	21.1421	0.56	0.75417
2 18 6 8 1 o	1845.4166	1911.9595	180.97	0.75403
1 25 5 8 1 o	495.2621	513.6111	0.54	0.75394
16 3 3 8 1 o	563.0619	584.7412	0.35	0.75384
8 9 6 8 1 o	70.8075	73.5788	180.24	0.75381
6 22 5 8 1 o	471.9519	492.6207	0.87	0.75359
0 1 7 4 1 o	5.8711	6.1418	179.52	0.75352
5 23 5 8 1 o	27.9732	29.2826	180.93	0.75350
6 14 6 8 1 o	0.4072	0.4273	176.80	0.75344
10 15 5 8 1 o	395.2106	417.1491	0.99	0.75330

12 26 1 8 1 o	509.1681	538.8000	180.87	0.75322
7 12 6 8 1 o	158.5425	168.1650	180.08	0.75320
3 35 1 8 1 o	215.1071	229.3468	0.34	0.75307
17 3 2 8 1 o	258.5723	275.2607	1.04	0.75299
7 33 0 4 1 o	4477.0664	4788.6992	0.53	0.75298
14 16 3 8 1 o	213.5783	228.7392	0.15	0.75290
13 24 1 8 1 o	187.3768	201.5613	0.33	0.75276
16 12 2 8 1 o	13.8540	14.8712	179.76	0.75272
9 4 6 8 1 o	17.0886	18.5022	359.30	0.75262
12 7 5 8 1 o	11.7585	12.7099	359.11	0.75249
9 31 0 4 1 o	125.1878	135.3529	180.46	0.75240
1 1 7 8 1 o	203.1619	220.7572	0.13	0.75234
16 15 1 8 1 o	3.3537	3.5865	0.23	0.75204
11 12 5 8 1 o	824.6087	886.4151	0.47	0.75203
16 4 3 8 1 o	19.4523	20.6412	180.19	0.75180
1 2 7 8 1 o	15.5758	16.3453	0.06	0.75146
12 17 4 8 1 o	164.4180	171.0753	1.34	0.75134
9 27 3 8 1 o	112.2560	115.9367	179.89	0.75121
15 12 3 8 1 o	1235.3446	1275.2164	180.54	0.75120
0 3 7 4 1 o	603.2797	622.1070	180.48	0.75119
7 26 4 8 1 o	38.2053	39.0313	180.58	0.75104
6 27 4 8 1 o	1.2517	1.2745	177.86	0.75099
17 4 2 8 1 o	314.7340	321.1942	181.05	0.75095
17 11 0 4 1 o	0.4380	0.4465	161.55	0.75093
10 28 2 8 1 o	196.3053	199.3270	180.31	0.75091
5 33 2 8 1 o	962.5963	972.6823	180.75	0.75083
7 21 5 8 1 o	1.3605	1.3663	170.06	0.75073
0 36 0 2 1 o	25061.6191	25187.4258	0.55	0.75068
16 16 0 4 1 o	108.1687	109.0981	181.43	0.75066
3 32 3 8 1 o	1693.9619	1688.5925	0.82	0.75050
4 24 5 8 1 o	19.1747	19.0507	178.06	0.75047
14 9 4 8 1 o	50.3215	50.3739	0.45	0.75040
2 25 5 8 1 o	164.5991	163.2331	1.43	0.75039
3 29 4 8 1 o	187.5534	186.1437	0.68	0.75032
3 34 2 8 1 o	67.3343	67.0583	179.38	0.75025
4 17 6 8 1 o	20.4847	20.3870	358.93	0.75003
1 3 7 8 1 o	2242.5195	2235.0500	180.73	0.75002
9 5 6 8 1 o	110.2515	110.2682	180.88	0.75000
5 31 3 8 1 o	221.0551	221.5160	180.14	0.74992
17 10 1 8 1 o	1170.0793	1210.5782	180.75	0.74941
16 5 3 8 1 o	123.2931	129.2435	1.42	0.74919
14 20 2 8 1 o	0.0533	0.0561	175.92	0.74917
15 19 1 8 1 o	392.9630	413.8423	180.72	0.74913
5 16 6 8 1 o	16.4187	17.5875	180.20	0.74900
11 28 1 8 1 o	1040.2870	1107.1288	180.31	0.74900
6 34 0 4 1 o	1297.5314	1390.8542	0.68	0.74887
13 14 4 8 1 o	612.2724	655.2206	0.64	0.74887
2 1 7 8 1 o	180.5990	195.3072	359.85	0.74881
11 24 3 8 1 o	24.5706	26.4526	181.80	0.74847
17 5 2 8 1 o	325.7117	346.0881	180.82	0.74835
8 10 6 8 1 o	96.9463	103.9899	0.58	0.74829
8 25 4 8 1 o	376.7837	401.2776	180.74	0.74817
12 8 5 8 1 o	939.6764	995.2674	180.63	0.74815
3 18 6 8 1 o	66.2495	70.5747	180.93	0.74814

12 22 3 8 1 o	186.3353	196.1268	180.24	0.74805
5 28 4 8 1 o	78.8204	82.9866	180.69	0.74802
1 4 7 8 1 o	5.5264	5.8119	359.12	0.74800
2 2 7 8 1 o	85.6352	89.6157	180.83	0.74795
10 30 0 4 1 o	1042.6211	1069.3766	1.04	0.74772
14 22 1 8 1 o	54.8068	55.9391	2.74	0.74764
15 17 2 8 1 o	4.1936	4.1817	182.93	0.74721
9 18 5 8 1 o	30.3253	29.8171	180.74	0.74699
1 19 6 8 1 o	1244.0590	1215.1823	0.50	0.74685
9 6 6 8 1 o	47.5442	46.7274	0.70	0.74685
10 22 4 8 1 o	71.4200	70.2747	1.03	0.74667
0 5 7 4 1 o	58.5181	57.4762	359.04	0.74659
8 32 1 8 1 o	727.2432	718.3625	0.78	0.74658
2 3 7 8 1 o	796.6628	784.5918	0.54	0.74652
11 20 4 8 1 o	10.8171	10.8030	182.27	0.74630
13 25 0 4 1 o	0.0997	0.1003	184.23	0.74620
16 6 3 8 1 o	33.1803	33.7531	180.79	0.74605
2 36 0 4 1 o	5511.9863	5607.3130	180.74	0.74601
7 13 6 8 1 o	659.9999	671.6818	180.78	0.74599
16 13 2 8 1 o	1800.0229	1892.4694	0.60	0.74552
1 5 7 8 1 o	33.1242	35.2483	179.52	0.74544
7 33 1 8 1 o	51.1106	54.2106	181.51	0.74543
12 25 2 8 1 o	62.5397	66.9070	180.71	0.74525
17 6 2 8 1 o	341.0645	363.4264	359.84	0.74522
6 15 6 8 1 o	79.8782	86.4441	181.00	0.74509
8 20 5 8 1 o	106.6731	115.5360	181.05	0.74502
14 10 4 8 1 o	72.7179	78.3579	0.57	0.74496
4 35 1 8 1 o	37.8893	41.0074	179.98	0.74489
9 31 1 8 1 o	1001.9324	1084.0577	0.60	0.74486
11 13 5 8 1 o	405.1906	438.7599	180.50	0.74486
18 0 0 2 1 o	6310.0552	6775.1343	180.37	0.74485
3 25 5 8 1 o	79.4528	86.4501	180.70	0.74459
2 4 7 8 1 o	622.7701	676.5761	180.68	0.74453
10 16 5 8 1 o	556.7731	602.9267	180.45	0.74438
10 26 3 8 1 o	0.0068	0.0073	198.76	0.74429
15 13 3 8 1 o	234.5472	252.2013	0.05	0.74405
0 30 4 4 1 o	11.2945	12.2009	183.04	0.74392
18 2 0 4 1 o	1.1721	1.2490	357.46	0.74373
13 23 2 8 1 o	1241.5371	1327.7374	0.59	0.74367
14 17 3 8 1 o	91.5498	97.0451	0.86	0.74344
17 11 1 8 1 o	80.9276	85.5489	179.75	0.74344
2 19 6 8 1 o	9.3214	9.9265	179.66	0.74340
12 9 5 8 1 o	2764.2812	2918.2144	181.01	0.74332
16 16 1 8 1 o	254.6196	266.0999	0.64	0.74317
9 7 6 8 1 o	0.9188	0.9624	351.03	0.74316
13 20 3 8 1 o	45.5044	47.3352	0.07	0.74307
3 1 7 8 1 o	468.5366	487.0326	180.09	0.74304
1 30 4 8 1 o	2278.9722	2324.4756	180.67	0.74277
9 24 4 8 1 o	4707.2603	4718.7856	180.50	0.74249
0 33 3 4 1 o	3117.4172	3109.6487	180.65	0.74240
4 32 3 8 1 o	10.3507	10.3260	0.51	0.74240
16 7 3 8 1 o	83.5910	83.7983	1.22	0.74238
8 11 6 8 1 o	42.0935	41.8874	180.97	0.74234
1 6 7 8 1 o	5.3650	5.3286	359.09	0.74234

11 27 2 8 1 o	30.2135	30.0593	0.14	0.74227
4 29 4 8 1 o	744.3628	736.3915	0.67	0.74223
3 2 7 8 1 o	0.0173	0.0171	180.65	0.74220
4 34 2 8 1 o	1883.7708	1864.7843	180.48	0.74216
8 31 2 8 1 o	12.7094	12.5864	1.45	0.74216
1 36 1 8 1 o	0.0134	0.0132	178.96	0.74206
2 5 7 8 1 o	42.8733	42.1893	0.56	0.74200
5 35 0 4 1 o	4271.9829	4220.3726	1.12	0.74198
7 32 2 8 1 o	26.0531	25.7655	180.40	0.74158
17 7 2 8 1 o	8.8497	8.7965	182.16	0.74156
6 34 1 8 1 o	570.9937	566.5743	180.58	0.74144
12 18 4 8 1 o	1259.5242	1251.8186	181.04	0.74138
1 33 3 8 1 o	465.0060	463.1213	180.31	0.74126
3 3 7 8 1 o	1112.3318	1122.0709	0.69	0.74080
6 23 5 8 1 o	105.5306	106.5700	180.63	0.74074
13 15 4 8 1 o	0.0678	0.0684	180.63	0.74066
18 4 0 4 1 o	2250.1785	2266.6101	180.59	0.74037
10 30 1 8 1 o	316.4395	318.8715	0.76	0.74032
11 29 0 4 1 o	36.3891	36.6509	180.47	0.74030
4 18 6 8 1 o	4395.8550	4411.1045	0.67	0.74012
5 24 5 8 1 o	306.4855	307.4220	1.14	0.74010
15 0 4 4 1 o	959.6992	960.1230	180.60	0.73997
1 35 2 8 1 o	2.6855	2.6786	357.41	0.73991
9 30 2 8 1 o	3854.5029	3845.1255	0.53	0.73991
0 7 7 4 1 o	73.6393	73.2009	180.06	0.73985
15 1 4 8 1 o	163.4681	162.6031	359.89	0.73969
5 17 6 8 1 o	5357.7080	5296.1421	0.97	0.73968
7 30 3 8 1 o	591.9886	585.1129	180.68	0.73959
1 26 5 8 1 o	0.0359	0.0353	143.21	0.73941
2 30 4 8 1 o	100.7346	99.0919	1.27	0.73938
14 11 4 8 1 o	274.1887	272.9732	180.45	0.73909
8 29 3 8 1 o	141.9180	140.8264	0.30	0.73906
9 8 6 8 1 o	29.0102	28.8745	0.42	0.73899
2 6 7 8 1 o	426.0292	423.8234	0.62	0.73895
15 2 4 8 1 o	160.5849	161.5732	0.55	0.73886
3 4 7 8 1 o	371.1526	371.2065	0.77	0.73886
13 25 1 8 1 o	1.8274	1.8373	177.20	0.73885
1 7 7 8 1 o	124.7119	125.8699	0.12	0.73872
2 36 1 8 1 o	49.4124	50.1560	180.62	0.73867
7 22 5 8 1 o	266.7828	272.2710	0.41	0.73858
7 14 6 8 1 o	89.4579	92.3305	180.36	0.73844
16 8 3 8 1 o	137.4405	143.6890	0.40	0.73821
6 33 2 8 1 o	679.1308	712.1778	0.67	0.73820
12 27 1 8 1 o	695.1429	729.3203	1.29	0.73818
15 20 1 8 1 o	68.5017	71.8930	0.02	0.73815
12 10 5 8 1 o	302.7314	320.1890	180.86	0.73804
16 14 2 8 1 o	315.1121	333.4434	180.85	0.73798
2 33 3 8 1 o	1196.2614	1277.3322	0.86	0.73789
3 19 6 8 1 o	968.5521	1042.2042	180.83	0.73775
14 21 2 8 1 o	73.1908	78.5910	0.44	0.73764
15 3 4 8 1 o	156.9488	169.1469	180.35	0.73748
15 18 2 8 1 o	432.9069	467.5474	0.66	0.73741
17 8 2 8 1 o	118.9660	128.2314	1.03	0.73741
17 13 0 4 1 o	1338.7256	1443.9156	0.58	0.73739

6 31 3 8 1 o	408.1809	443.6850	180.68	0.73734
11 14 5 8 1 o	117.2498	127.2885	0.62	0.73734
13 1 5 8 1 o	181.0394	196.1737	0.36	0.73733
18 1 1 8 1 o	507.1443	547.8134	0.53	0.73727
0 20 6 4 1 o	58.8067	64.4384	181.36	0.73708
17 12 1 8 1 o	210.1299	228.1047	0.88	0.73705
4 25 5 8 1 o	2695.7766	2961.2288	0.40	0.73668
9 19 5 8 1 o	198.8688	217.9582	0.55	0.73665
2 35 2 8 1 o	3822.1245	4183.1875	180.55	0.73656
15 14 3 8 1 o	764.6492	833.5322	1.27	0.73655
13 2 5 8 1 o	0.1956	0.2134	179.11	0.73651
6 16 6 8 1 o	557.2356	610.9508	0.66	0.73646
18 2 1 8 1 o	0.0495	0.0538	256.40	0.73645
3 5 7 8 1 o	8.3232	9.1161	181.77	0.73639
7 27 4 8 1 o	146.7321	159.8664	180.50	0.73613
2 26 5 8 1 o	2875.2441	3133.3250	0.56	0.73606
8 12 6 8 1 o	444.4422	482.2530	180.98	0.73598
1 20 6 8 1 o	314.8988	342.3767	180.44	0.73597
9 28 3 8 1 o	278.9323	300.0369	180.68	0.73574
15 4 4 8 1 o	323.7085	345.1761	0.94	0.73557
6 28 4 8 1 o	3.8384	4.0980	1.78	0.73553
12 23 3 8 1 o	3.4011	3.6188	355.88	0.73548
2 7 7 8 1 o	784.6450	832.2437	0.47	0.73538
10 0 6 4 1 o	18561.8164	19660.3223	180.68	0.73537
10 17 5 8 1 o	125.1243	131.7956	0.23	0.73524
4 1 7 8 1 o	699.6104	734.9752	180.23	0.73518
13 3 5 8 1 o	278.7128	292.4293	1.07	0.73515
10 1 6 8 1 o	7.3995	7.7471	181.04	0.73510
14 23 1 8 1 o	209.3957	219.2481	0.47	0.73509
18 3 1 8 1 o	290.7690	304.4215	180.75	0.73508
10 29 2 8 1 o	302.7676	314.7979	180.59	0.73491
11 21 4 8 1 o	45.7787	47.5582	179.36	0.73489
18 6 0 4 1 o	446.2928	464.1269	180.79	0.73487
11 25 3 8 1 o	223.3005	231.1676	0.22	0.73479
5 35 1 8 1 o	0.3007	0.3109	183.92	0.73475
1 8 7 8 1 o	408.5504	420.1775	0.64	0.73462
4 2 7 8 1 o	325.3970	333.1068	0.78	0.73436
9 9 6 8 1 o	136.4738	139.7834	180.28	0.73433
10 2 6 8 1 o	346.5254	354.9089	180.26	0.73428
10 23 4 8 1 o	17.5873	17.9914	359.83	0.73417
15 21 0 4 1 o	1008.5313	1033.7262	0.52	0.73412
16 17 1 8 1 o	8.9365	9.1619	181.63	0.73407
8 26 4 8 1 o	189.5237	193.7905	180.20	0.73397
3 30 4 8 1 o	448.5444	458.9492	0.88	0.73382
14 18 3 8 1 o	5.6281	5.7707	180.19	0.73378
8 21 5 8 1 o	693.5865	711.1235	0.73	0.73368
16 9 3 8 1 o	137.7539	141.5655	1.58	0.73357
3 6 7 8 1 o	23.7863	24.4936	180.54	0.73340
13 4 5 8 1 o	178.5054	183.9910	181.21	0.73325
18 4 1 8 1 o	129.4489	133.3904	180.93	0.73319
15 5 4 8 1 o	275.7508	284.2993	180.87	0.73313
3 36 1 8 1 o	81.8969	84.4721	0.59	0.73313
11 29 1 8 1 o	44.3060	45.6933	1.34	0.73312
4 3 7 8 1 o	160.5011	165.5901	180.25	0.73301

10 3 6 8 1 o	317.4604	327.3001	0.38	0.73293
14 12 4 8 1 o	257.6008	265.3804	0.30	0.73281
17 9 2 8 1 o	77.0831	79.4018	180.38	0.73279
2 20 6 8 1 o	159.4555	164.0221	180.10	0.73267
4 36 0 4 1 o	2638.5581	2714.5144	0.63	0.73253
3 33 3 8 1 o	58.8750	60.5604	0.44	0.73236
5 32 3 8 1 o	1841.5276	1894.3450	180.92	0.73236
12 11 5 8 1 o	32.6006	33.5619	1.39	0.73233
5 29 4 8 1 o	11.4063	11.7486	180.46	0.73220
13 16 4 8 1 o	0.2835	0.2923	182.71	0.73219
5 34 2 8 1 o	0.0392	0.0405	181.35	0.73213
13 21 3 8 1 o	47.7502	49.5474	179.98	0.73181
16 18 0 4 1 o	19.1174	19.8610	183.25	0.73171
2 8 7 8 1 o	3264.2351	3428.2200	180.55	0.73133
12 19 4 8 1 o	321.2762	336.4819	0.78	0.73127
12 26 2 8 1 o	184.1286	192.7516	0.45	0.73120
0 9 7 4 1 o	15.1409	15.9239	359.18	0.73113
4 4 7 8 1 o	448.3345	471.0882	1.11	0.73113
3 35 2 8 1 o	3703.0024	3880.9172	180.72	0.73106
10 4 6 8 1 o	196.6637	205.9987	180.47	0.73105
13 5 5 8 1 o	92.7726	96.5641	180.66	0.73083
13 24 2 8 1 o	489.0469	508.3020	180.95	0.73078
18 5 1 8 1 o	80.3460	83.1131	180.76	0.73077
3 26 5 8 1 o	4389.8145	4548.9766	0.72	0.73058
7 15 6 8 1 o	2484.1021	2569.4878	0.51	0.73057
12 28 0 4 1 o	117.6429	119.9792	180.37	0.73038
17 13 1 8 1 o	523.1079	529.8969	0.93	0.73029
15 6 4 8 1 o	32.6503	32.8619	358.99	0.73018
5 18 6 8 1 o	63.1420	63.6126	0.43	0.73017
16 15 2 8 1 o	808.1471	810.6193	180.61	0.73013
4 19 6 8 1 o	67.9840	67.8553	180.55	0.73005
1 9 7 8 1 o	7562.0854	7541.8438	180.77	0.73004
3 7 7 8 1 o	67.0860	66.1935	180.19	0.72991
10 27 3 8 1 o	16472.3613	16099.8906	180.66	0.72977
14 24 0 4 1 o	3570.0681	3446.3408	180.44	0.72951
11 15 5 8 1 o	434.3003	417.6909	181.19	0.72950
1 37 0 4 1 o	253.6078	242.0432	0.36	0.72931
8 13 6 8 1 o	114.8030	108.9815	180.06	0.72925
9 10 6 8 1 o	130.2663	123.7452	180.34	0.72924
9 25 4 8 1 o	2.3066	2.1847	177.71	0.72912
15 15 3 8 1 o	146.7523	140.2602	0.34	0.72874
4 5 7 8 1 o	108.7129	103.0275	180.57	0.72873
8 33 1 8 1 o	99.6597	94.9111	179.51	0.72873
10 5 6 8 1 o	21.8080	20.7940	179.97	0.72865
16 10 3 8 1 o	234.5458	226.2981	180.08	0.72849
6 24 5 8 1 o	314.3266	310.3452	180.81	0.72800
13 6 5 8 1 o	0.8661	0.8608	6.35	0.72791
18 6 1 8 1 o	53.0289	52.8909	2.43	0.72785
17 10 2 8 1 o	19.4180	19.4909	182.79	0.72772
9 32 1 8 1 o	153.4885	154.7392	180.56	0.72765
6 17 6 8 1 o	26.2661	26.5868	1.43	0.72760
15 19 2 8 1 o	63.9743	65.0005	181.64	0.72746
18 8 0 4 1 o	99.4244	101.1800	1.18	0.72738
11 28 2 8 1 o	48.5939	49.6772	0.35	0.72734

3 20 6 8 1 o	498.9932	513.1427	0.33	0.72726
7 34 1 8 1 o	7.1088	7.3168	1.93	0.72713
15 21 1 8 1 o	0.2907	0.2987	186.56	0.72711
5 25 5 8 1 o	73.4393	76.1222	0.17	0.72687
2 9 7 8 1 o	1557.1647	1614.4363	0.91	0.72682
15 7 4 8 1 o	222.8933	230.3464	180.36	0.72674
7 23 5 8 1 o	6.1172	6.3442	179.00	0.72647
4 30 4 8 1 o	14.5196	15.0535	359.63	0.72624
0 27 5 4 1 o	1617.3990	1677.5800	180.82	0.72623
1 31 4 8 1 o	11.4195	11.8399	181.63	0.72623
12 12 5 8 1 o	296.4476	306.9573	180.39	0.72622
9 20 5 8 1 o	53.8494	55.8014	181.02	0.72621
14 13 4 8 1 o	534.7650	553.3381	181.08	0.72617
14 22 2 8 1 o	287.2925	297.1784	0.55	0.72610
3 8 7 8 1 o	2098.8682	2172.1501	0.72	0.72595
10 18 5 8 1 o	0.0303	0.0313	172.99	0.72589
4 6 7 8 1 o	112.4231	116.1693	181.59	0.72583
10 6 6 8 1 o	4351.7227	4489.4385	180.60	0.72576
4 36 1 8 1 o	67.5437	69.4763	0.73	0.72557
5 1 7 8 1 o	32.7563	33.5922	359.53	0.72543
1 27 5 8 1 o	5325.2451	5427.8896	0.75	0.72517
13 26 1 8 1 o	1207.5078	1235.6727	1.00	0.72515
8 32 2 8 1 o	560.8011	572.9651	0.30	0.72513
1 10 7 8 1 o	3.5307	3.5951	178.85	0.72504
1 21 6 8 1 o	218.2845	222.0468	180.56	0.72503
4 33 3 8 1 o	180.2163	184.1483	180.89	0.72483
16 18 1 8 1 o	49.3864	50.8129	179.86	0.72477
5 2 7 8 1 o	119.0097	122.4231	180.28	0.72464
13 7 5 8 1 o	34.5910	35.9924	180.17	0.72450
18 7 1 8 1 o	90.4900	94.6306	180.98	0.72444
7 33 2 8 1 o	76.3986	82.3812	0.41	0.72407
14 19 3 8 1 o	183.1102	198.1368	180.77	0.72397
10 31 1 8 1 o	35.7273	38.8247	181.22	0.72394
9 11 6 8 1 o	139.2747	153.3990	1.14	0.72372
4 35 2 8 1 o	568.2148	625.4572	1.68	0.72357
9 31 2 8 1 o	0.9858	1.0834	179.32	0.72355
0 37 1 4 1 o	715.6689	785.4690	180.31	0.72349
11 22 4 8 1 o	84.8908	93.2579	0.76	0.72348
12 28 1 8 1 o	455.4691	498.4154	180.63	0.72348
13 17 4 8 1 o	1866.4702	2043.5999	180.79	0.72348
5 3 7 8 1 o	118.2654	129.7520	180.40	0.72334
8 30 3 8 1 o	9.1429	9.9653	359.12	0.72327
1 34 3 8 1 o	102.1790	111.4380	180.40	0.72326
7 31 3 8 1 o	280.8807	305.9895	0.21	0.72326
17 14 1 8 1 o	661.7258	711.9258	180.66	0.72319
4 26 5 8 1 o	530.9611	573.9913	181.59	0.72310
2 31 4 8 1 o	315.3944	339.3576	180.63	0.72305
12 24 3 8 1 o	15.6033	16.6750	180.07	0.72301
16 11 3 8 1 o	10.1596	10.8228	179.09	0.72300
6 35 1 8 1 o	101.3141	107.5354	0.51	0.72291
15 8 4 8 1 o	93.2838	98.3865	181.10	0.72283
14 24 1 8 1 o	69.9356	72.9584	181.09	0.72264
17 15 0 4 1 o	573.2484	593.8339	180.90	0.72248
4 7 7 8 1 o	0.6503	0.6715	175.27	0.72246

1 37 1 8 1 o	75.6130	78.1092 180.14 0.72244
7 16 6 8 1 o	0.7634	0.7875 181.18 0.72243
10 7 6 8 1 o	5.7753	5.9502 181.67 0.72238
8 22 5 8 1 o	84.4107	86.7262 180.95 0.72232
17 11 2 8 1 o	236.2582	242.6917 0.78 0.72224
8 14 6 8 1 o	12.0866	12.3686 358.47 0.72219
0 36 2 4 1 o	1593.2810	1624.5348 0.83 0.72202
2 27 5 8 1 o	1589.4692	1618.5360 1.06 0.72200
16 16 2 8 1 o	721.8387	736.5623 0.46 0.72200
2 10 7 8 1 o	1502.9913	1526.9583 180.63 0.72188
2 21 6 8 1 o	85.5710	86.9115 359.76 0.72187
10 24 4 8 1 o	549.8276	557.5938 0.66 0.72176
7 28 4 8 1 o	23.3794	23.6123 1.30 0.72155
3 9 7 8 1 o	6.1715	6.2309 166.97 0.72154
5 4 7 8 1 o	551.8255	557.1612 180.65 0.72154
11 16 5 8 1 o	12.0249	12.1084 359.12 0.72140
11 26 3 8 1 o	6598.6299	6631.9849 180.44 0.72132
12 20 4 8 1 o	50.7000	50.6155 0.87 0.72105
1 36 2 8 1 o	5358.5859	5338.1777 180.77 0.72098
3 37 0 4 1 o	1502.8928	1491.0895 180.73 0.72083
9 29 3 8 1 o	13.7332	13.5589 180.78 0.72068
15 16 3 8 1 o	203.1236	200.8479 0.40 0.72067
0 11 7 4 1 o	33.3838	32.8941 359.40 0.72066
6 32 3 8 1 o	0.4253	0.4192 181.74 0.72063
13 8 5 8 1 o	1345.2228	1327.7604 180.93 0.72063
18 8 1 8 1 o	1398.2424	1381.7502 180.84 0.72057
13 22 3 8 1 o	58.0962	57.2045 3.05 0.72054
5 19 6 8 1 o	1033.8260	1013.9163 1.15 0.72050
6 29 4 8 1 o	447.9670	439.3188 180.91 0.72048
6 34 2 8 1 o	1499.1843	1469.8257 180.53 0.72041
2 34 3 8 1 o	49.2041	47.9310 180.34 0.72012
8 27 4 8 1 o	10.2966	10.0195 0.11 0.72003
4 20 6 8 1 o	61.4070	59.5987 181.15 0.71988
12 13 5 8 1 o	768.6279	749.2873 0.32 0.71975
1 11 7 8 1 o	49.5724	48.1886 179.53 0.71962
10 30 2 8 1 o	1236.3562	1210.3191 0.55 0.71939
17 1 3 8 1 o	34.2819	33.7070 180.46 0.71938
2 37 1 8 1 o	6.9573	6.8205 359.21 0.71931
5 5 7 8 1 o	0.0177	0.0174 134.79 0.71923
14 14 4 8 1 o	7.6803	7.5655 0.16 0.71919
17 2 3 8 1 o	94.1432	94.9162 358.92 0.71862
4 8 7 8 1 o	523.7452	526.5722 1.66 0.71861
6 18 6 8 1 o	552.6704	557.7259 179.25 0.71854
10 8 6 8 1 o	13.8226	13.9647 1.16 0.71854
15 9 4 8 1 o	178.7664	181.4109 180.18 0.71847
13 27 0 4 1 o	300.5492	308.3166 0.43 0.71826
8 34 0 4 1 o	5.2856	5.4542 2.16 0.71816
18 10 0 4 1 o	380.1871	393.5437 180.79 0.71808
13 25 2 8 1 o	137.5629	142.9538 180.40 0.71803
2 36 2 8 1 o	636.5531	668.3364 181.23 0.71787
3 31 4 8 1 o	19.7348	20.7691 1.32 0.71785
9 12 6 8 1 o	51.5441	54.2740 359.77 0.71783
11 30 1 8 1 o	129.7565	137.2591 180.67 0.71770
9 33 0 4 1 o	82.9165	88.0030 359.81 0.71764

12 27 2 8 1 o	333.7866	357.1126	0.44	0.71742
15 20 2 8 1 o	107.1988	114.4925	180.76	0.71739
17 3 3 8 1 o	56.9777	60.7597	180.22	0.71735
16 12 3 8 1 o	1.0593	1.1348	183.47	0.71712
5 30 4 8 1 o	248.0873	267.5427	180.26	0.71684
18 0 2 4 1 o	5156.0723	5496.3901	180.60	0.71684
3 27 5 8 1 o	2.0114	2.1722	198.23	0.71683
3 10 7 8 1 o	596.9884	641.4981	0.81	0.71670
3 21 6 8 1 o	21.4325	23.0542	1.31	0.71670
18 1 2 8 1 o	418.3197	442.8769	1.17	0.71658
2 11 7 8 1 o	201.9626	215.2806	180.20	0.71653
5 6 7 8 1 o	205.2274	217.5310	180.38	0.71645
10 19 5 8 1 o	463.3926	489.1136	180.24	0.71639
17 12 2 8 1 o	405.5438	426.0823	0.62	0.71638
13 9 5 8 1 o	1860.3584	1950.9738	0.87	0.71631
18 9 1 8 1 o	3959.3384	4131.3271	180.64	0.71625
5 36 1 8 1 o	7.8033	8.1282	180.76	0.71620
7 35 0 4 1 o	3703.0933	3840.1575	180.67	0.71613
15 22 1 8 1 o	829.0424	856.2909	180.59	0.71606
9 26 4 8 1 o	73.3633	75.2356	0.31	0.71596
18 2 2 8 1 o	9.7514	9.9722	359.35	0.71583
17 15 1 8 1 o	367.9896	375.6330	0.47	0.71580
9 21 5 8 1 o	83.9373	84.8648	182.33	0.71569
17 4 3 8 1 o	817.8459	829.2296	180.75	0.71559
10 28 3 8 1 o	2.7348	2.7569	359.76	0.71556
5 33 3 8 1 o	299.0976	300.6744	180.24	0.71548
6 25 5 8 1 o	267.1552	267.7466	0.87	0.71539
16 19 1 8 1 o	48.3147	48.7442	179.41	0.71532
0 22 6 4 1 o	378.9658	380.2899	0.72	0.71508
3 34 3 8 1 o	90.7630	91.4766	0.79	0.71498
8 15 6 8 1 o	4.7355	4.7919	2.93	0.71482
14 23 2 8 1 o	1562.3998	1592.1237	180.83	0.71459
18 3 2 8 1 o	194.4883	198.3392	181.21	0.71458
13 18 4 8 1 o	2006.7062	2045.2306	180.98	0.71457
10 32 0 4 1 o	0.6012	0.6128	191.06	0.71457
7 24 5 8 1 o	398.1104	406.8604	180.63	0.71444
4 9 7 8 1 o	1486.5176	1522.1877	0.41	0.71433
5 35 2 8 1 o	61.1178	62.6259	178.48	0.71427
10 9 6 8 1 o	0.5108	0.5235	0.66	0.71426
3 37 1 8 1 o	395.4416	405.5183	180.31	0.71419
1 22 6 8 1 o	1.2971	1.3322	184.05	0.71406
7 17 6 8 1 o	2488.2332	2554.8564	180.61	0.71406
14 20 3 8 1 o	2.9527	3.0307	179.66	0.71405
6 1 7 8 1 o	1.7214	1.7677	180.55	0.71402
1 12 7 8 1 o	36.1290	37.1100	359.53	0.71382
5 26 5 8 1 o	320.7440	329.4506	359.50	0.71382
15 10 4 8 1 o	183.3535	188.3211	0.97	0.71370
16 17 2 8 1 o	4712.8809	4840.9321	0.66	0.71365
17 5 3 8 1 o	74.7435	76.7848	0.33	0.71334
6 2 7 8 1 o	576.6518	591.3174	180.73	0.71327
5 7 7 8 1 o	301.6478	309.1919	0.26	0.71320
11 0 6 4 1 o	280.2223	287.5095	180.70	0.71318
11 17 5 8 1 o	0.5997	0.6152	1.18	0.71307
12 14 5 8 1 o	590.7090	606.4250	180.84	0.71296

11	1	6	8	1	o	2370.7805	2434.1138	180.51	0.71294
18	4	2	8	1	o	334.6961	344.7609	180.61	0.71283
3	36	2	8	1	o	52.1370	53.5997	3.91	0.71278
11	29	2	8	1	o	684.9529	704.6378	180.44	0.71277
15	17	3	8	1	o	67.1017	69.7407	0.39	0.71236
11	2	6	8	1	o	16.8799	17.6244	179.48	0.71219
16	20	0	4	1	o	139.3770	145.7594	359.99	0.71214
11	23	4	8	1	o	150.8374	157.9851	0.51	0.71209
6	3	7	8	1	o	233.4623	244.9684	0.17	0.71203
14	15	4	8	1	o	39.1697	41.2034	1.46	0.71191
13	27	1	8	1	o	2084.9741	2202.2930	0.91	0.71170
8	34	1	8	1	o	517.9670	548.0585	0.61	0.71160
6	36	0	4	1	o	1455.0814	1539.6642	179.85	0.71160
9	13	6	8	1	o	0.0644	0.0682	9.98	0.71158
13	10	5	8	1	o	618.6252	654.6666	180.87	0.71158
18	10	1	8	1	o	2127.4016	2251.7092	180.60	0.71152
3	11	7	8	1	o	90.3469	95.8191	359.82	0.71147
15	23	0	4	1	o	970.9916	1029.8962	181.17	0.71138
0	32	4	4	1	o	55.9856	59.5215	0.26	0.71125
1	28	5	8	1	o	144.4781	153.6783	180.65	0.71122
0	38	0	2	1	o	452.2095	481.1201	180.83	0.71117
9	33	1	8	1	o	1151.9628	1226.8414	0.74	0.71109
2	22	6	8	1	o	286.0754	304.9377	180.52	0.71104
8	23	5	8	1	o	170.1475	181.4777	180.53	0.71098
11	3	6	8	1	o	159.5467	170.2084	359.99	0.71096
16	13	3	8	1	o	42.3901	45.2663	2.71	0.71089
2	12	7	8	1	o	83.9483	89.7118	1.01	0.71080
4	31	4	8	1	o	78.0703	83.4706	1.52	0.71076
12	21	4	8	1	o	97.3451	104.1150	0.57	0.71075
5	20	6	8	1	o	158.2471	169.2389	180.26	0.71072
12	25	3	8	1	o	1443.9191	1546.2365	180.34	0.71065
17	6	3	8	1	o	393.0523	421.3499	0.89	0.71063
18	5	2	8	1	o	494.0449	529.8093	0.65	0.71061
6	4	7	8	1	o	491.0641	528.9771	181.00	0.71031
14	25	1	8	1	o	1523.3611	1643.8959	0.48	0.71030
1	32	4	8	1	o	945.7435	1020.3624	0.55	0.71025
17	13	2	8	1	o	495.2800	537.1984	0.50	0.71017
4	27	5	8	1	o	233.2658	258.4554	359.87	0.70976
4	10	7	8	1	o	442.1676	494.4738	1.44	0.70964
4	21	6	8	1	o	458.6166	513.2021	0.51	0.70963
7	35	1	8	1	o	1.5389	1.7215	1.27	0.70962
10	10	6	8	1	o	619.9355	696.6444	180.40	0.70957
5	8	7	8	1	o	397.7077	449.7979	0.19	0.70950
10	25	4	8	1	o	8.0612	9.1352	177.24	0.70946
6	19	6	8	1	o	1.8969	2.1802	177.94	0.70933
13	23	3	8	1	o	26.1962	30.0589	180.83	0.70929
11	4	6	8	1	o	360.2514	415.2490	0.47	0.70924
12	29	1	8	1	o	312.6839	362.7055	180.63	0.70914
11	31	0	4	1	o	417.3138	487.0119	0.64	0.70906
14	1	5	8	1	o	234.9130	275.3685	0.70	0.70895
8	33	2	8	1	o	658.7851	784.6511	180.59	0.70873
0	13	7	4	1	o	185.0271	223.0535	180.76	0.70866
15	11	4	8	1	o	226.3200	268.2125	0.25	0.70853
2	28	5	8	1	o	660.6652	791.5811	0.61	0.70824

14	2	5	8	1	o	163.4055	192.5359	0.33	0.70822
17	16	1	8	1	o	506.6230	591.2232	0.08	0.70814
6	5	7	8	1	o	746.0618	883.6404	180.37	0.70811
10	32	1	8	1	o	1.1062	1.3007	179.63	0.70811
11	27	3	8	1	o	20.4132	23.9924	359.36	0.70807
4	34	3	8	1	o	78.6246	92.1260	180.01	0.70797
8	31	3	8	1	o	78.5656	91.9182	1.63	0.70797
18	6	2	8	1	o	35.4883	40.7928	358.94	0.70793
9	32	2	8	1	o	347.2808	398.1766	180.37	0.70774
1	13	7	8	1	o	202.5068	232.2906	0.07	0.70767
7	32	3	8	1	o	1034.1332	1155.3422	0.93	0.70747
17	7	3	8	1	o	147.5981	163.2992	180.23	0.70745
16	0	4	4	1	o	542.7961	592.8974	0.68	0.70732
7	29	4	8	1	o	264.8833	291.0676	0.65	0.70732
2	32	4	8	1	o	1.0428	1.1404	358.79	0.70728
7	34	2	8	1	o	42.0098	45.7243	181.09	0.70726
15	21	2	8	1	o	146.4951	158.8291	0.43	0.70725
4	37	1	8	1	o	113.7046	122.7947	180.31	0.70720
2	38	0	4	1	o	289.9899	312.9577	0.50	0.70720
8	16	6	8	1	o	230.6390	249.2017	0.43	0.70720
18	12	0	4	1	o	301.5316	323.7041	179.45	0.70718
16	1	4	8	1	o	2976.7063	3162.3013	180.72	0.70708
11	5	6	8	1	o	886.3981	938.9465	180.63	0.70706
14	3	5	8	1	o	4.7242	4.9757	177.25	0.70701
0	35	3	4	1	o	4.2944	4.5165	182.33	0.70700
10	20	5	8	1	o	344.2665	351.4694	0.52	0.70678
17	17	0	4	1	o	859.3315	863.2952	0.90	0.70650
13	11	5	8	1	o	39.2790	39.1254	180.73	0.70645
18	11	1	8	1	o	2.1549	2.1572	0.28	0.70640
8	28	4	8	1	o	43.3771	42.7920	180.62	0.70637
16	2	4	8	1	o	7.6702	7.6442	180.67	0.70636
3	22	6	8	1	o	140.2525	137.3425	0.49	0.70610
1	35	3	8	1	o	0.5078	0.5002	358.99	0.70602
9	30	3	8	1	o	424.1772	418.4363	0.87	0.70602
12	15	5	8	1	o	151.4346	150.2072	181.42	0.70587
3	12	7	8	1	o	43.8006	43.2786	180.50	0.70586
4	36	2	8	1	o	59.8092	59.3563	179.21	0.70583
6	30	4	8	1	o	95.4336	94.5358	180.38	0.70583
16	20	1	8	1	o	4.2965	4.2933	185.19	0.70574
13	19	4	8	1	o	3.9139	3.9396	185.70	0.70550
7	18	6	8	1	o	3.6987	3.7239	178.78	0.70549
6	6	7	8	1	o	864.1097	871.5529	0.79	0.70545
13	26	2	8	1	o	165.9586	167.4356	180.46	0.70544
19	1	0	4	1	o	778.6105	786.5114	1.17	0.70541
5	9	7	8	1	o	421.5809	426.6299	180.43	0.70538
14	4	5	8	1	o	151.5986	153.5447	1.94	0.70532
6	36	1	8	1	o	27.1726	27.6194	180.87	0.70521
16	3	4	8	1	o	670.8076	681.6558	0.73	0.70515
9	22	5	8	1	o	0.6435	0.6559	359.96	0.70514
16	18	2	8	1	o	371.0749	377.4195	0.76	0.70509
9	14	6	8	1	o	7.6881	7.8467	178.60	0.70501
15	23	1	8	1	o	611.4083	622.4965	0.75	0.70501
18	7	2	8	1	o	148.3682	150.7511	1.07	0.70479
2	13	7	8	1	o	1151.1011	1173.6628	0.39	0.70474

5 37 0 4 1 o	92.3268	93.9094	1.95	0.70471
4 11 7 8 1 o	53.3831	54.1763	359.87	0.70456
6 33 3 8 1 o	236.0895	239.3419	0.05	0.70453
11 18 5 8 1 o	3.4975	3.5450	180.36	0.70453
10 11 6 8 1 o	30.6392	31.0204	0.82	0.70448
11 6 6 8 1 o	188.3087	190.2734	180.52	0.70441
14 16 4 8 1 o	322.0474	325.1131	180.68	0.70438
16 14 3 8 1 o	38.0776	38.3997	0.29	0.70434
10 31 2 8 1 o	317.3349	320.0061	0.50	0.70433
14 26 0 4 1 o	51.6356	52.0307	181.22	0.70430
14 21 3 8 1 o	284.2275	284.8279	181.00	0.70404
12 28 2 8 1 o	97.6431	97.5557	180.55	0.70390
15 18 3 8 1 o	11.0673	11.0455	178.46	0.70385
17 8 3 8 1 o	1483.8655	1480.9137	180.70	0.70384
1 38 1 8 1 o	93.3664	93.1278	180.37	0.70382
17 14 2 8 1 o	184.4164	183.2841	1.13	0.70364
19 3 0 4 1 o	532.7893	527.9712	181.14	0.70350
16 4 4 8 1 o	218.1948	216.1218	180.70	0.70348
6 35 2 8 1 o	3234.3154	3196.2139	180.88	0.70337
3 28 5 8 1 o	195.0660	192.6620	0.88	0.70335
14 5 5 8 1 o	40.3990	39.7174	359.03	0.70317
14 24 2 8 1 o	123.2273	120.9972	181.10	0.70313
1 23 6 8 1 o	283.7414	278.4332	0.81	0.70310
2 35 3 8 1 o	7.9991	7.8489	0.18	0.70310
9 27 4 8 1 o	0.0015	0.0015	241.22	0.70300
15 12 4 8 1 o	958.1324	937.0450	0.36	0.70299
1 37 2 8 1 o	392.5706	383.3008	0.56	0.70295
6 26 5 8 1 o	2485.5583	2426.3667	0.89	0.70294
11 31 1 8 1 o	1374.1708	1332.7086	180.45	0.70274
7 25 5 8 1 o	19.5964	18.8204	179.06	0.70251
3 32 4 8 1 o	24.8957	23.8127	182.08	0.70241
6 7 7 8 1 o	597.4354	570.1773	0.34	0.70235
5 31 4 8 1 o	342.5439	321.7477	180.79	0.70194
10 29 3 8 1 o	26.5508	24.8083	2.40	0.70167
16 5 4 8 1 o	1568.3529	1466.0140	180.76	0.70134
11 7 6 8 1 o	166.4161	154.9319	0.84	0.70132
12 30 0 4 1 o	183.0027	170.6151	181.76	0.70127
18 8 2 8 1 o	71.0584	66.5366	1.09	0.70122
1 14 7 8 1 o	12.2011	11.3118	180.88	0.70121
7 1 7 8 1 o	146.3140	135.9576	179.82	0.70121
5 27 5 8 1 o	398.1855	369.6166	0.36	0.70098
13 12 5 8 1 o	181.4600	169.2699	0.63	0.70097
2 38 1 8 1 o	11.0062	10.2601	2.46	0.70093
18 12 1 8 1 o	81.4672	76.4073	2.01	0.70091
5 10 7 8 1 o	153.2427	142.4823	359.75	0.70086
5 21 6 8 1 o	634.1154	589.0417	180.78	0.70085
11 24 4 8 1 o	3022.1924	2821.4270	0.64	0.70075
14 6 5 8 1 o	3.6009	3.3856	182.36	0.70057
7 2 7 8 1 o	0.0160	0.0150	178.16	0.70050
12 22 4 8 1 o	113.6364	107.1832	180.72	0.70041
17 17 1 8 1 o	112.4387	107.3289	181.03	0.70025
2 23 6 8 1 o	0.0003	0.0003	76.00	0.70022
2 37 2 8 1 o	847.7050	814.5043	180.56	0.70006
6 20 6 8 1 o	225.0744	217.1120	180.37	0.69998

3 13 7 8 1 o	804.5360	780.2246	180.23	0.69992
17 9 3 8 1 o	1.5968	1.5653	180.60	0.69982
19 5 0 4 1 o	587.4119	580.2993	0.41	0.69971
8 24 5 8 1 o	344.8595	341.0092	0.72	0.69969
4 22 6 8 1 o	40.4981	41.1827	0.26	0.69934
8 17 6 8 1 o	95.2951	96.7950	180.73	0.69934
7 3 7 8 1 o	98.1952	99.7511	181.42	0.69933
5 34 3 8 1 o	250.7089	255.6779	180.75	0.69925
19 1 1 8 1 o	517.1896	526.0461	0.62	0.69919
4 12 7 8 1 o	268.6248	275.9928	181.01	0.69911
10 12 6 8 1 o	1276.8248	1312.0416	0.99	0.69904
6 8 7 8 1 o	2510.7639	2592.2456	180.89	0.69882
16 6 4 8 1 o	17.5942	18.1252	180.26	0.69876
11 30 2 8 1 o	2029.3411	2096.1155	180.66	0.69858
0 29 5 4 1 o	229.2126	236.8945	179.98	0.69853
12 16 5 8 1 o	771.2199	796.9489	0.32	0.69852
5 37 1 8 1 o	1.4685	1.5175	176.74	0.69851
13 28 1 8 1 o	493.8723	510.3444	0.50	0.69850
19 2 1 8 1 o	430.3333	444.5070	0.54	0.69849
12 26 3 8 1 o	26.6484	27.5543	0.15	0.69844
2 14 7 8 1 o	526.3048	544.3854	180.83	0.69835
3 35 3 8 1 o	0.5368	0.5557	1.17	0.69832
9 15 6 8 1 o	265.2537	275.4200	180.89	0.69815
14 26 1 8 1 o	412.0423	428.4919	1.69	0.69811
13 24 3 8 1 o	67.9893	70.7565	359.29	0.69808
11 8 6 8 1 o	119.3945	125.3435	359.98	0.69780
7 4 7 8 1 o	193.5005	204.0190	0.94	0.69770
1 29 5 8 1 o	63.9645	67.7850	180.73	0.69758
14 7 5 8 1 o	1574.4952	1665.5233	180.37	0.69753
16 15 3 8 1 o	167.8837	177.5529	0.14	0.69750
19 3 1 8 1 o	864.2217	914.8643	180.77	0.69733
10 26 4 8 1 o	0.1963	0.2087	354.93	0.69731
18 9 2 8 1 o	0.0023	0.0024	2.42	0.69724
5 36 2 8 1 o	251.9792	267.8090	180.41	0.69719
15 13 4 8 1 o	572.9916	608.0477	0.66	0.69712
10 21 5 8 1 o	334.0089	354.8140	180.89	0.69707
15 22 2 8 1 o	362.2030	384.2579	180.73	0.69706
17 15 2 8 1 o	293.7092	311.1554	180.77	0.69682
7 19 6 8 1 o	2008.2899	2124.2817	180.67	0.69676
4 28 5 8 1 o	39.3612	41.5828	183.12	0.69667
14 17 4 8 1 o	62.1699	65.8088	183.87	0.69661
16 19 2 8 1 o	778.4897	827.3363	0.95	0.69638
13 20 4 8 1 o	341.4263	363.0506	0.61	0.69631
3 38 1 8 1 o	178.2080	190.2875	180.83	0.69619
16 21 1 8 1 o	192.2895	206.5877	180.18	0.69607
5 11 7 8 1 o	28.5361	30.8408	179.83	0.69596
11 19 5 8 1 o	4.7934	5.2189	181.22	0.69584
4 32 4 8 1 o	6.1991	6.7909	179.80	0.69576
16 7 4 8 1 o	503.4369	550.1278	180.56	0.69574
19 4 1 8 1 o	492.0020	537.7985	180.21	0.69571
4 38 0 4 1 o	971.9611	1067.6685	180.49	0.69568
7 5 7 8 1 o	37.8769	41.8498	359.50	0.69561
3 23 6 8 1 o	930.4985	1037.4885	180.91	0.69550
17 10 3 8 1 o	2875.7285	3188.1252	180.56	0.69540

0 15 7 4 1 o	553.5057	619.7469	180.54	0.69540
3 37 2 8 1 o	15.2602	17.0485	181.35	0.69534
15 19 3 8 1 o	39.3044	43.9241	359.87	0.69518
8 35 1 8 1 o	17.8716	20.0253	179.80	0.69517
12 30 1 8 1 o	321.2737	359.6269	180.47	0.69516
9 34 1 8 1 o	21.3829	23.9603	359.33	0.69515
13 13 5 8 1 o	0.0063	0.0070	192.45	0.69514
18 13 1 8 1 o	20.0012	22.3071	182.19	0.69509
11 28 3 8 1 o	258.9251	290.5623	180.38	0.69507
18 14 0 4 1 o	542.4472	605.4864	0.84	0.69491
6 9 7 8 1 o	716.2948	805.1752	0.51	0.69488
1 33 4 8 1 o	677.2554	760.9565	0.51	0.69482
2 29 5 8 1 o	217.5685	244.3986	180.90	0.69477
9 23 5 8 1 o	286.6768	320.8108	0.18	0.69458
1 15 7 8 1 o	1680.5000	1880.9354	180.76	0.69447
19 7 0 4 1 o	783.1854	873.5091	0.66	0.69415
14 8 5 8 1 o	787.9517	882.8320	1.05	0.69407
15 24 1 8 1 o	677.0503	758.3902	0.52	0.69399
14 22 3 8 1 o	61.0995	68.5163	0.22	0.69399
11 9 6 8 1 o	24.4367	27.4650	359.69	0.69388
3 14 7 8 1 o	274.3904	308.9468	0.89	0.69366
19 5 1 8 1 o	284.2470	316.0094	180.80	0.69364
7 30 4 8 1 o	66.2274	73.8061	181.66	0.69345
4 13 7 8 1 o	550.8469	610.9010	180.29	0.69334
10 13 6 8 1 o	99.6649	109.8977	180.36	0.69327
8 32 3 8 1 o	12.0662	13.2067	0.37	0.69314
0 24 6 4 1 o	1336.4595	1461.3794	0.85	0.69310
7 6 7 8 1 o	188.3992	205.6618	180.37	0.69309
13 27 2 8 1 o	120.4691	130.9954	0.65	0.69304
8 29 4 8 1 o	8.7026	9.4514	4.46	0.69300
8 34 2 8 1 o	1947.0958	2107.4292	180.61	0.69295
18 10 2 8 1 o	73.6047	79.3325	181.22	0.69287
7 36 1 8 1 o	76.6847	82.6417	0.50	0.69286
10 33 1 8 1 o	1.9025	2.0458	351.28	0.69282
9 33 2 8 1 o	618.3310	655.5020	180.75	0.69248
16 8 4 8 1 o	36.4291	38.4525	179.87	0.69231
16 22 0 4 1 o	340.4193	358.5980	181.15	0.69223
7 33 3 8 1 o	222.8282	234.2635	0.16	0.69222
1 24 6 8 1 o	503.9606	528.6094	0.41	0.69218
17 18 1 8 1 o	21.5323	22.6508	180.83	0.69217
2 33 4 8 1 o	584.5920	611.9685	0.52	0.69204
1 39 0 4 1 o	14.1325	14.8042	180.76	0.69201
4 35 3 8 1 o	150.7117	157.4723	180.57	0.69178
9 31 3 8 1 o	212.0586	221.5888	180.28	0.69176
14 25 2 8 1 o	130.4156	136.3198	180.24	0.69175
2 15 7 8 1 o	545.7827	570.0790	0.48	0.69169
6 31 4 8 1 o	166.0161	173.4401	180.98	0.69159
13 29 0 4 1 o	235.5335	245.7384	180.16	0.69143
8 18 6 8 1 o	494.8638	515.8625	181.36	0.69128
19 6 1 8 1 o	6.1948	6.4200	357.96	0.69114
7 35 2 8 1 o	6304.4082	6539.4199	180.62	0.69112
12 0 6 4 1 o	29.5355	30.5571	174.54	0.69105
9 16 6 8 1 o	0.2668	0.2761	177.52	0.69104
12 17 5 8 1 o	68.9295	71.0179	180.56	0.69094

15 14 4 8 1 o	304.8077	313.8678	181.00	0.69094
5 22 6 8 1 o	2.0928	2.1566	359.15	0.69093
12 1 6 8 1 o	10.0872	10.3364	180.25	0.69083
5 12 7 8 1 o	465.7555	474.3028	180.43	0.69071
7 26 5 8 1 o	7668.3042	7808.5352	0.63	0.69071
12 29 2 8 1 o	36.3501	36.9713	0.35	0.69068
6 27 5 8 1 o	275.7081	280.0582	0.29	0.69067
17 11 3 8 1 o	0.0253	0.0257	181.80	0.69062
6 10 7 8 1 o	1072.5265	1082.4956	181.06	0.69056
6 21 6 8 1 o	67.7850	68.3690	181.15	0.69055
16 16 3 8 1 o	0.3893	0.3913	3.20	0.69041
9 28 4 8 1 o	491.3069	488.5673	180.37	0.69027
14 9 5 8 1 o	79.3273	78.9577	0.65	0.69021
12 2 6 8 1 o	47.6215	47.2349	359.79	0.69015
3 29 5 8 1 o	24.4921	24.1529	0.94	0.69015
7 7 7 8 1 o	64.5012	63.7518	180.44	0.69015
12 23 4 8 1 o	780.9937	771.6369	0.81	0.69006
17 16 2 8 1 o	5.2473	5.2095	178.21	0.68975
17 19 0 4 1 o	1005.1138	998.3060	0.87	0.68973
10 32 2 8 1 o	177.5427	175.2376	180.60	0.68972
4 38 1 8 1 o	526.7545	519.9916	180.75	0.68971
11 10 6 8 1 o	15.1339	14.9965	179.42	0.68958
1 36 3 8 1 o	37.3272	37.0257	180.69	0.68951
11 25 4 8 1 o	6.2100	6.1804	180.59	0.68948
2 24 6 8 1 o	795.0580	789.4092	181.01	0.68943
4 23 6 8 1 o	7.3403	7.5790	180.75	0.68904
12 3 6 8 1 o	62.1400	64.3408	180.10	0.68903
6 34 3 8 1 o	9.1689	9.4946	359.47	0.68902
13 14 5 8 1 o	720.2515	746.6375	180.75	0.68902
18 14 1 8 1 o	260.6208	271.7735	180.92	0.68896
4 37 2 8 1 o	131.9070	138.6630	1.61	0.68889
15 25 0 4 1 o	474.9178	501.2977	180.33	0.68884
14 18 4 8 1 o	20.6216	22.2027	180.64	0.68865
16 9 4 8 1 o	0.2280	0.2485	357.90	0.68848
8 25 5 8 1 o	2277.4148	2505.2935	0.51	0.68848
5 28 5 8 1 o	244.4676	271.8750	181.13	0.68836
6 37 1 8 1 o	116.0214	128.3933	359.74	0.68831
11 32 1 8 1 o	11.9390	13.2334	181.59	0.68824
19 7 1 8 1 o	516.9003	567.7015	180.36	0.68822
18 11 2 8 1 o	302.8388	333.7904	180.83	0.68814
10 30 3 8 1 o	52.0320	57.9407	0.44	0.68812
7 20 6 8 1 o	27.6598	30.8271	359.88	0.68790
16 20 2 8 1 o	5.7495	6.2853	183.01	0.68753
3 33 4 8 1 o	121.5028	133.0564	0.63	0.68748
5 32 4 8 1 o	639.4679	700.1778	0.41	0.68748
12 4 6 8 1 o	11.2683	12.3129	0.13	0.68747
1 16 7 8 1 o	54.7352	59.9439	0.00	0.68747
10 22 5 8 1 o	51.5387	56.0817	180.74	0.68731
4 14 7 8 1 o	1015.6648	1104.2275	0.90	0.68726
8 1 7 8 1 o	733.8533	797.2142	180.38	0.68725
10 14 6 8 1 o	125.8718	136.4663	180.54	0.68719
3 15 7 8 1 o	615.1682	666.3256	0.83	0.68713
6 36 2 8 1 o	26.8937	29.0164	179.77	0.68705
0 39 1 4 1 o	68.3670	73.7182	1.59	0.68703

13 21 4 8 1 o	35.2057	37.9427	0.31	0.68702
11 20 5 8 1 o	398.8464	429.9448	0.53	0.68701
19 9 0 4 1 o	76.7784	82.3592	0.26	0.68694
13 25 3 8 1 o	249.9361	268.5344	180.21	0.68694
15 23 2 8 1 o	372.7372	399.0947	180.92	0.68685
7 8 7 8 1 o	2046.7247	2189.6377	0.71	0.68680
2 36 3 8 1 o	2.8874	3.0882	0.36	0.68679
0 38 2 4 1 o	398.1998	423.4357	0.06	0.68666
8 2 7 8 1 o	325.7543	345.3543	0.87	0.68659
12 27 3 8 1 o	676.6464	711.1711	1.62	0.68640
15 20 3 8 1 o	526.0515	552.6327	180.67	0.68638
16 22 1 8 1 o	285.0744	299.2368	181.05	0.68635
1 39 1 8 1 o	2225.4341	2311.1306	0.64	0.68613
14 27 1 8 1 o	12.0096	12.4605	181.49	0.68608
14 10 5 8 1 o	149.3242	154.3039	1.91	0.68597
6 11 7 8 1 o	315.0054	323.2535	180.39	0.68587
1 38 2 8 1 o	32.4520	33.3122	178.94	0.68576
18 1 3 8 1 o	379.1934	391.5555	0.72	0.68567
13 29 1 8 1 o	346.8883	357.0611	180.66	0.68557
9 35 0 4 1 o	2202.0063	2266.5603	0.89	0.68552
17 12 3 8 1 o	30.8618	31.8930	2.28	0.68549
8 3 7 8 1 o	66.2199	68.0634	1.31	0.68548
12 5 6 8 1 o	3.0879	3.1810	359.43	0.68547
10 27 4 8 1 o	0.7013	0.7246	357.14	0.68533
5 13 7 8 1 o	671.9514	698.6705	0.39	0.68514
8 36 0 4 1 o	757.4160	791.1559	181.37	0.68509
18 2 3 8 1 o	262.1874	275.5229	180.38	0.68501
3 24 6 8 1 o	48.1761	50.6351	180.70	0.68492
11 11 6 8 1 o	200.1937	210.8394	180.53	0.68491
19 8 1 8 1 o	142.1411	150.1224	180.55	0.68490
2 16 7 8 1 o	188.0904	199.5107	180.54	0.68477
11 31 2 8 1 o	432.3820	459.2820	0.60	0.68476
3 39 0 4 1 o	6.2100	6.6008	2.36	0.68475
15 15 4 8 1 o	235.8512	254.9723	180.36	0.68448
16 10 4 8 1 o	12.4524	13.6152	359.59	0.68427
1 30 5 8 1 o	65.8519	72.5424	180.05	0.68426
9 24 5 8 1 o	62.1920	69.0375	1.68	0.68404
8 4 7 8 1 o	286.2517	318.0801	0.72	0.68394
14 23 3 8 1 o	1049.3423	1162.1385	0.68	0.68392
17 19 1 8 1 o	560.1380	618.5460	0.72	0.68392
18 3 3 8 1 o	309.0864	340.9140	180.89	0.68391
4 29 5 8 1 o	25.2986	28.1970	180.26	0.68384
10 34 0 4 1 o	3914.3796	4338.1450	0.60	0.68372
9 17 6 8 1 o	3103.3555	3448.6738	0.75	0.68371
5 35 3 8 1 o	5.7258	6.3546	0.03	0.68364
2 39 1 8 1 o	0.3861	0.4268	344.91	0.68345
12 18 5 8 1 o	10.9573	12.0605	181.05	0.68317
16 17 3 8 1 o	11.0694	12.1446	182.78	0.68309
2 38 2 8 1 o	73.3803	80.6603	1.26	0.68309
18 12 2 8 1 o	383.7099	420.2766	0.73	0.68307
8 19 6 8 1 o	6.6334	7.2967	359.14	0.68306
12 6 6 8 1 o	2880.0142	3162.4822	0.59	0.68306
7 9 7 8 1 o	447.2478	491.8058	181.27	0.68306
15 25 1 8 1 o	62.5475	68.5825	180.14	0.68304

13 15 5 8 1 o	305.3643	331.7574	1.02	0.68261
18 15 1 8 1 o	25.9265	28.0687	181.32	0.68256
17 17 2 8 1 o	5603.7739	6049.3574	0.63	0.68246
7 37 0 4 1 o	2282.4749	2466.7380	180.63	0.68245
18 4 3 8 1 o	47.7014	51.3436	0.29	0.68238
3 36 3 8 1 o	26.2686	28.2756	0.87	0.68233
11 29 3 8 1 o	111.9230	120.3991	0.44	0.68233
8 5 7 8 1 o	9.0758	9.6287	179.18	0.68198
15 1 5 8 1 o	11.5343	12.1969	182.08	0.68185
19 0 2 4 1 o	2102.5178	2217.4053	0.89	0.68169
5 38 1 8 1 o	18.6018	19.5789	1.00	0.68164
2 30 5 8 1 o	83.3585	87.6056	180.45	0.68160
12 31 1 8 1 o	15.5004	16.2934	1.36	0.68154
18 16 0 4 1 o	302.8347	318.4883	180.37	0.68153
19 1 2 8 1 o	538.0916	565.6500	180.22	0.68147
14 11 5 8 1 o	83.4655	87.5771	180.48	0.68138
1 25 6 8 1 o	10.4350	10.9356	0.47	0.68132
4 33 4 8 1 o	7.2701	7.6141	185.03	0.68124
15 2 5 8 1 o	120.1874	125.8807	0.69	0.68120
19 9 1 8 1 o	2435.5908	2551.8835	180.86	0.68119
0 17 7 4 1 o	90.9356	95.0897	0.45	0.68112
6 22 6 8 1 o	56.1795	58.7027	1.36	0.68106
5 23 6 8 1 o	1520.6005	1587.4596	0.95	0.68099
4 15 7 8 1 o	421.4252	439.4969	180.34	0.68090
5 37 2 8 1 o	216.1423	225.4216	1.17	0.68085
6 12 7 8 1 o	616.4462	642.5911	0.84	0.68085
10 15 6 8 1 o	46.9942	48.9991	359.81	0.68084
13 28 2 8 1 o	101.8180	106.2158	0.63	0.68084
19 2 2 8 1 o	48.3966	50.5268	0.60	0.68082
0 34 4 4 1 o	838.8570	874.1411	0.47	0.68081
14 19 4 8 1 o	90.5805	94.4336	182.29	0.68052
14 26 2 8 1 o	6.6183	6.9020	181.09	0.68047
18 5 3 8 1 o	793.7292	828.0443	180.81	0.68043
3 16 7 8 1 o	8.4813	8.8547	180.79	0.68035
12 7 6 8 1 o	66.6475	69.6509	0.37	0.68024
1 17 7 8 1 o	65.3502	68.3532	180.37	0.68024
15 3 5 8 1 o	39.1426	40.9218	359.61	0.68012
17 13 3 8 1 o	59.5588	62.2489	180.05	0.68004
8 30 4 8 1 o	422.1236	442.1909	0.68	0.67994
1 34 4 8 1 o	144.5727	151.5155	181.03	0.67993
7 31 4 8 1 o	14.5174	15.2086	179.18	0.67993
11 12 6 8 1 o	0.2532	0.2650	172.83	0.67991
14 28 0 4 1 o	43.1090	45.0039	1.71	0.67981
9 35 1 8 1 o	85.6169	89.4430	180.21	0.67980
19 3 2 8 1 o	1.8600	1.9368	354.91	0.67975
11 33 0 4 1 o	239.6830	250.0512	0.91	0.67974
12 24 4 8 1 o	476.0735	496.6852	180.54	0.67972
16 11 4 8 1 o	20.5349	21.3907	2.37	0.67971
8 6 7 8 1 o	524.8583	546.2695	180.85	0.67960
8 36 1 8 1 o	45.3210	46.8140	0.29	0.67939
5 14 7 8 1 o	227.5758	234.1433	180.92	0.67927
3 39 1 8 1 o	520.8076	531.9104	180.77	0.67906
7 27 5 8 1 o	247.8532	252.9352	1.48	0.67906
7 10 7 8 1 o	1073.8893	1092.3324	0.66	0.67895

7 21 6 8 1 o	468.8514	476.7005	0.68	0.67894
8 33 3 8 1 o	783.4038	793.8809	0.84	0.67878
4 24 6 8 1 o	94.8497	95.9227	1.13	0.67874
3 38 2 8 1 o	0.7268	0.7354	186.88	0.67870
2 25 6 8 1 o	305.3510	308.4670	0.32	0.67869
15 4 5 8 1 o	124.6178	126.0834	1.23	0.67862
16 21 2 8 1 o	240.4318	243.1925	180.75	0.67859
6 28 5 8 1 o	259.4264	261.8476	1.38	0.67859
11 26 4 8 1 o	0.2543	0.2563	177.27	0.67831
19 4 2 8 1 o	551.5643	556.0240	0.76	0.67825
19 11 0 4 1 o	957.7006	965.2370	180.72	0.67823
11 21 5 8 1 o	42.9300	43.2080	3.25	0.67809
18 6 3 8 1 o	1.5751	1.5840	2.91	0.67807
10 34 1 8 1 o	137.6882	138.4691	180.88	0.67805
9 32 3 8 1 o	207.4534	208.0744	180.81	0.67791
9 29 4 8 1 o	13.4209	13.4029	0.27	0.67778
15 16 4 8 1 o	31.0483	30.9826	359.89	0.67778
6 32 4 8 1 o	129.8198	129.4523	180.39	0.67775
8 35 2 8 1 o	3836.4385	3823.8494	0.63	0.67774
12 30 2 8 1 o	828.4025	825.4980	180.66	0.67774
9 34 2 8 1 o	790.2505	787.1854	0.55	0.67773
18 13 2 8 1 o	317.7138	315.7579	180.59	0.67768
6 38 0 4 1 o	66.9362	66.5002	180.52	0.67768
13 22 4 8 1 o	309.3267	307.2595	0.38	0.67767
2 17 7 8 1 o	18.8222	18.6533	359.80	0.67763
10 23 5 8 1 o	0.0072	0.0071	120.89	0.67752
7 34 3 8 1 o	749.3322	736.3236	0.57	0.67749
15 21 3 8 1 o	24.7829	24.3698	0.05	0.67748
8 26 5 8 1 o	2879.9412	2804.0100	180.64	0.67736
2 34 4 8 1 o	780.2103	757.6486	0.89	0.67732
3 30 5 8 1 o	102.1733	98.5998	181.08	0.67724
19 10 1 8 1 o	391.5511	379.5680	180.17	0.67711
12 8 6 8 1 o	161.2252	154.6201	0.43	0.67703
17 0 4 4 1 o	4557.6572	4383.3228	180.42	0.67692
8 7 7 8 1 o	35.5867	33.8348	1.60	0.67683
7 37 1 8 1 o	13.7101	13.0798	358.76	0.67682
17 1 4 8 1 o	1226.4795	1178.2740	0.84	0.67671
15 5 5 8 1 o	296.2121	283.7310	0.80	0.67670
15 24 2 8 1 o	33.5725	32.1655	1.41	0.67666
16 23 1 8 1 o	207.1856	199.0374	180.85	0.67660
14 12 5 8 1 o	3.4826	3.3548	359.12	0.67645
19 5 2 8 1 o	30.6245	29.9092	180.30	0.67633
4 36 3 8 1 o	0.0003	0.0003	328.73	0.67623
9 18 6 8 1 o	95.6208	93.4388	180.87	0.67617
17 2 4 8 1 o	99.0742	98.4553	359.82	0.67607
5 29 5 8 1 o	59.0215	58.9066	180.49	0.67597
13 16 5 8 1 o	288.6518	289.2412	0.36	0.67596
18 16 1 8 1 o	8.2241	8.3088	184.19	0.67591
13 26 3 8 1 o	421.7898	426.2479	179.56	0.67589
7 36 2 8 1 o	252.4383	264.4401	181.46	0.67561
0 40 0 2 1 o	383.0413	401.1493	0.97	0.67561
16 18 3 8 1 o	18.9986	19.9346	180.26	0.67558
10 33 2 8 1 o	34.0883	35.8927	179.19	0.67557
17 20 1 8 1 o	22.1626	23.3702	178.48	0.67553

6 13 7 8 1 o	0.3515	0.3742 185.61 0.67551
18 7 3 8 1 o	26.2589	28.2413 0.20 0.67531
12 19 5 8 1 o	527.8225	576.0395 0.33 0.67524
17 3 4 8 1 o	8.3688	9.1739 182.52 0.67502
17 18 2 8 1 o	3068.9910	3371.9224 0.45 0.67496
10 31 3 8 1 o	713.7062	791.7541 180.73 0.67491
16 12 4 8 1 o	98.7399	108.9395 180.27 0.67482
8 20 6 8 1 o	32.6781	36.4020 359.84 0.67471
11 13 6 8 1 o	547.6697	606.3896 0.67 0.67459
0 37 3 4 1 o	799.5667	885.1865 180.13 0.67454
12 28 3 8 1 o	97.4188	107.5425 180.20 0.67453
7 11 7 8 1 o	230.0853	254.4875 0.22 0.67449
3 25 6 8 1 o	40.6506	44.8307 181.19 0.67439
15 6 5 8 1 o	229.8622	251.6700 180.65 0.67438
17 14 3 8 1 o	250.3118	272.9065 181.36 0.67430
4 16 7 8 1 o	0.2097	0.2300 18.56 0.67430
10 16 6 8 1 o	960.9058	1048.7731 0.65 0.67424
14 28 1 8 1 o	139.9611	152.3865 1.62 0.67423
11 33 1 8 1 o	257.9220	280.2336 181.48 0.67417
6 35 3 8 1 o	71.6365	77.5150 180.24 0.67407
19 6 2 8 1 o	39.6104	42.6380 177.84 0.67401
14 24 3 8 1 o	0.0369	0.0395 190.96 0.67385
12 32 0 4 1 o	91.2923	97.2247 178.97 0.67371
1 37 3 8 1 o	139.0885	147.9879 180.05 0.67369
8 8 7 8 1 o	3045.0220	3236.9924 0.63 0.67367
17 4 4 8 1 o	713.3111	756.2894 180.78 0.67355
9 25 5 8 1 o	36.4545	38.6150 181.41 0.67355
10 28 4 8 1 o	164.9623	174.6496 0.52 0.67352
5 33 4 8 1 o	397.6081	420.2769 0.74 0.67346
12 9 6 8 1 o	62.0597	65.6179 180.23 0.67345
3 17 7 8 1 o	27.3912	28.8816 0.60 0.67334
5 15 7 8 1 o	159.3515	167.5725 180.44 0.67313
3 34 4 8 1 o	211.2013	221.9290 179.78 0.67304
4 39 1 8 1 o	37.7645	39.6923 179.61 0.67304
13 30 1 8 1 o	6.7762	7.1144 0.28 0.67291
1 18 7 8 1 o	3.8655	4.0575 179.49 0.67282
19 11 1 8 1 o	195.5300	204.7958 180.29 0.67270
4 38 2 8 1 o	76.3824	80.0802 0.22 0.67269
17 21 0 4 1 o	69.4659	72.4687 181.59 0.67243
9 1 7 8 1 o	219.4661	229.0539 0.01 0.67240
14 20 4 8 1 o	9.3704	9.7290 0.74 0.67226
16 24 0 4 1 o	766.4713	794.9986 0.32 0.67224
2 40 0 4 1 o	639.2319	662.1567 180.60 0.67220
15 26 1 8 1 o	59.6872	61.7655 359.60 0.67218
18 8 3 8 1 o	84.5639	87.4813 180.49 0.67217
6 38 1 8 1 o	496.7193	513.3822 0.83 0.67215
0 31 5 4 1 o	575.0475	592.7977 0.12 0.67211
18 14 2 8 1 o	54.2471	55.7134 0.70 0.67200
9 2 7 8 1 o	2.4931	2.5275 180.87 0.67178
17 5 4 8 1 o	293.5519	297.8987 0.85 0.67167
15 7 5 8 1 o	11.2747	11.4205 0.97 0.67166
6 23 6 8 1 o	14.1441	14.1872 179.84 0.67153
6 37 2 8 1 o	481.5363	484.2187 180.97 0.67139
0 26 6 4 1 o	18.4860	18.4884 0.74 0.67137

11 32 2 8 1 o	9.3718	9.4359	177.68	0.67132
19 7 2 8 1 o	120.1291	121.7435	1.14	0.67131
4 30 5 8 1 o	0.4019	0.4028	173.07	0.67127
1 31 5 8 1 o	61.8882	62.0184	1.62	0.67126
14 13 5 8 1 o	423.5343	427.5805	180.58	0.67121
2 37 3 8 1 o	201.6665	203.2300	0.33	0.67115
5 24 6 8 1 o	236.0034	238.1919	0.29	0.67105
5 39 0 4 1 o	92.0699	93.9917	181.16	0.67089
15 17 4 8 1 o	59.4879	60.9337	180.05	0.67085
9 3 7 8 1 o	399.1971	410.5016	1.28	0.67074
1 26 6 8 1 o	21.9564	22.8382	0.61	0.67053
20 0 0 2 1 o	7678.7471	8067.3848	0.85	0.67037
2 18 7 8 1 o	0.3529	0.3722	357.81	0.67029
8 9 7 8 1 o	3438.9419	3653.3875	0.66	0.67014
7 22 6 8 1 o	46.0880	49.3787	180.30	0.66991
6 14 7 8 1 o	780.0093	836.5957	180.98	0.66988
11 30 3 8 1 o	450.8031	483.9811	180.54	0.66984
7 12 7 8 1 o	543.5271	586.1633	180.32	0.66971
16 13 4 8 1 o	1087.1591	1176.4451	0.69	0.66962
16 22 2 8 1 o	49.5925	53.7783	181.38	0.66957
20 2 0 4 1 o	530.8155	576.1288	0.30	0.66955
12 10 6 8 1 o	1.5052	1.6365	182.63	0.66951
12 25 4 8 1 o	78.9225	86.1595	180.72	0.66942
17 6 4 8 1 o	171.1308	186.9821	180.66	0.66940
1 39 2 8 1 o	0.1899	0.2079	183.11	0.66937
14 27 2 8 1 o	156.6685	171.9604	180.60	0.66932
1 40 1 8 1 o	45.0733	49.5186	0.78	0.66930
9 4 7 8 1 o	28.6355	31.4716	180.55	0.66930
13 0 6 4 1 o	194.2052	214.7327	0.73	0.66919
11 22 5 8 1 o	459.2528	511.0788	180.57	0.66909
13 17 5 8 1 o	80.3493	89.3781	0.44	0.66909
18 17 1 8 1 o	77.5196	86.2753	0.67	0.66904
11 14 6 8 1 o	179.3362	200.8732	180.64	0.66898
13 1 6 8 1 o	172.7485	193.3103	179.34	0.66898
13 29 2 8 1 o	81.2991	91.6837	180.71	0.66885
2 31 5 8 1 o	317.1459	361.4260	180.05	0.66875
18 9 3 8 1 o	1123.8557	1273.3815	180.62	0.66867
5 36 3 8 1 o	37.9461	43.4025	181.13	0.66862
15 8 5 8 1 o	0.0241	0.0275	134.80	0.66857
15 22 3 8 1 o	80.9172	92.4696	182.16	0.66851
4 25 6 8 1 o	52.0545	60.0200	359.74	0.66849
9 19 6 8 1 o	596.9941	686.5837	0.70	0.66848
13 2 6 8 1 o	19.1859	21.9935	180.71	0.66837
17 15 3 8 1 o	82.9499	94.7797	180.26	0.66830
12 32 1 8 1 o	611.9366	701.3086	180.82	0.66828
13 23 4 8 1 o	486.5204	558.0830	180.73	0.66828
19 8 2 8 1 o	405.3414	461.9332	180.58	0.66822
19 13 0 4 1 o	10.2525	11.6838	0.32	0.66820
2 26 6 8 1 o	4.3279	4.9608	180.16	0.66803
19 12 1 8 1 o	9.2272	10.4880	358.77	0.66795
16 19 3 8 1 o	65.0824	74.0914	1.81	0.66790
10 24 5 8 1 o	131.0476	149.4713	359.74	0.66773
7 28 5 8 1 o	161.4615	184.5076	0.97	0.66756
4 17 7 8 1 o	39.0473	44.6800	180.12	0.66748

9 5 7 8 1 o	0.4282	0.4887	2.22	0.66746
10 17 6 8 1 o	113.2095	129.2411	179.97	0.66742
13 3 6 8 1 o	18.8178	21.4096	0.61	0.66735
17 19 2 8 1 o	541.6375	614.0099	0.78	0.66731
11 27 4 8 1 o	9.8711	11.2356	180.34	0.66727
18 18 0 4 1 o	1278.8789	1446.2600	0.66	0.66725
4 34 4 8 1 o	1112.2389	1265.7621	0.55	0.66718
8 31 4 8 1 o	75.9161	86.3077	0.55	0.66718
12 20 5 8 1 o	221.1800	250.8444	180.29	0.66716
20 4 0 4 1 o	442.0944	496.1673	0.65	0.66709
17 21 1 8 1 o	368.7087	414.0079	180.67	0.66704
3 37 3 8 1 o	47.2173	53.1423	359.99	0.66699
2 39 2 8 1 o	16.6264	18.5549	0.81	0.66688
16 24 1 8 1 o	1591.0221	1767.9102	0.51	0.66685
2 40 1 8 1 o	64.1835	71.2581	0.94	0.66682
7 32 4 8 1 o	68.6826	76.0173	180.23	0.66676
5 16 7 8 1 o	306.0236	338.5770	180.29	0.66675
17 7 4 8 1 o	23.3618	25.7675	179.97	0.66675
6 29 5 8 1 o	27.2250	30.0118	359.43	0.66671
15 27 0 4 1 o	93.0590	102.2110	180.93	0.66668
15 25 2 8 1 o	165.2210	179.0585	180.48	0.66650
8 27 5 8 1 o	3037.5457	3251.4114	0.71	0.66636
8 10 7 8 1 o	1178.4478	1254.8560	0.75	0.66625
8 21 6 8 1 o	45.8874	48.8132	179.29	0.66625
3 18 7 8 1 o	31.4075	33.2135	0.85	0.66614
0 19 7 4 1 o	818.5101	863.3555	180.33	0.66606
18 15 2 8 1 o	28.3362	30.1864	177.74	0.66605
13 4 6 8 1 o	286.1109	303.5035	180.53	0.66593
13 31 0 4 1 o	597.9959	636.1289	181.00	0.66578
14 14 5 8 1 o	792.4821	844.8824	1.00	0.66569
1 35 4 8 1 o	24.1542	25.8451	1.41	0.66555
9 30 4 8 1 o	719.8385	770.9576	0.96	0.66555
5 39 1 8 1 o	473.3919	507.7238	0.23	0.66554
12 11 6 8 1 o	14.3938	15.7057	359.95	0.66524
1 19 7 8 1 o	113.1052	123.5510	0.28	0.66524
9 6 7 8 1 o	23.3993	25.5475	180.44	0.66523
5 38 2 8 1 o	62.4119	68.2719	179.87	0.66520
15 9 5 8 1 o	2357.9780	2587.3845	180.37	0.66512
12 31 2 8 1 o	542.5786	596.4598	180.75	0.66510
9 36 1 8 1 o	12.5398	13.8386	179.79	0.66503
13 27 3 8 1 o	58.8137	65.1127	179.75	0.66496
8 34 3 8 1 o	1.2480	1.3886	2.10	0.66488
20 1 1 8 1 o	117.3940	129.8359	180.41	0.66482
18 10 3 8 1 o	57.0198	63.2122	359.96	0.66481
19 9 2 8 1 o	27.1394	30.0804	359.88	0.66477
3 31 5 8 1 o	48.5548	54.5679	180.96	0.66463
7 13 7 8 1 o	440.9874	494.8463	180.55	0.66463
9 33 3 8 1 o	2.8461	3.1872	179.24	0.66446
6 33 4 8 1 o	645.6992	722.4878	0.77	0.66430
8 37 1 8 1 o	108.3620	120.5040	180.17	0.66424
20 2 1 8 1 o	307.7934	339.2619	0.93	0.66422
16 14 4 8 1 o	44.2093	48.7862	1.37	0.66414
13 5 6 8 1 o	942.0947	1040.6812	0.87	0.66412
6 15 7 8 1 o	69.3633	76.3522	359.93	0.66399

3 26 6 8 1 o	0.9043	0.9914	358.59	0.66392
14 21 4 8 1 o	283.4721	308.1749	0.44	0.66389
5 30 5 8 1 o	286.2839	310.6354	0.73	0.66383
14 25 3 8 1 o	239.9421	258.9954	181.07	0.66381
10 35 1 8 1 o	141.4833	152.3933	0.37	0.66379
15 18 4 8 1 o	2711.0515	2902.2207	0.43	0.66373
17 8 4 8 1 o	0.4599	0.4917	165.50	0.66373
9 35 2 8 1 o	33.1960	34.6634	180.25	0.66349
7 35 3 8 1 o	0.0111	0.0113	0.95	0.66326
20 3 1 8 1 o	164.5645	168.0775	0.86	0.66322
9 26 5 8 1 o	194.4351	195.2496	0.31	0.66312
11 15 6 8 1 o	122.8662	123.4875	0.65	0.66312
2 35 4 8 1 o	3366.6624	3372.2729	180.61	0.66310
8 36 2 8 1 o	1791.8682	1799.6533	180.72	0.66310
20 6 0 4 1 o	1773.4277	1790.7460	0.73	0.66307
19 13 1 8 1 o	957.8603	956.8217	180.69	0.66291
12 29 3 8 1 o	6.8607	6.7833	182.01	0.66287
2 19 7 8 1 o	465.8704	455.4449	0.40	0.66279
3 39 2 8 1 o	21.4720	21.1269	1.20	0.66279
3 40 1 8 1 o	51.0574	50.1681	180.65	0.66273
9 7 7 8 1 o	63.0619	61.6209	0.42	0.66263
14 29 1 8 1 o	1.0308	1.0122	0.14	0.66258
4 40 0 4 1 o	87.1458	85.6389	0.45	0.66229
17 16 3 8 1 o	104.3851	104.0658	181.36	0.66205
8 11 7 8 1 o	103.3971	102.5334	0.26	0.66204
13 18 5 8 1 o	349.6935	347.9635	180.43	0.66202
10 32 3 8 1 o	10.0621	10.0051	180.21	0.66202
6 24 6 8 1 o	2.1429	2.1293	178.07	0.66199
18 18 1 8 1 o	21.7732	21.8059	180.20	0.66198
13 6 6 8 1 o	5.5541	5.5635	1.93	0.66192
10 29 4 8 1 o	210.5210	210.7910	180.76	0.66190
10 34 2 8 1 o	146.2460	147.0225	180.86	0.66185
20 4 1 8 1 o	267.9955	270.9385	180.59	0.66183
7 38 1 8 1 o	144.7489	148.7734	181.05	0.66144
15 27 1 8 1 o	2578.9785	2652.5798	180.42	0.66143
15 10 5 8 1 o	0.3368	0.3478	17.20	0.66133
4 37 3 8 1 o	4.9942	5.1638	2.76	0.66129
5 25 6 8 1 o	23.4819	24.4174	1.67	0.66114
19 10 2 8 1 o	283.7724	297.4236	0.78	0.66099
7 23 6 8 1 o	748.6264	789.4043	180.97	0.66084
7 37 2 8 1 o	55.3690	58.7471	180.89	0.66071
12 12 6 8 1 o	365.0298	388.3141	181.20	0.66065
9 20 6 8 1 o	77.6283	82.6321	179.81	0.66064
18 11 3 8 1 o	65.9980	70.2563	180.82	0.66063
11 34 1 8 1 o	2.8959	3.0945	178.34	0.66054
13 31 1 8 1 o	25.8986	27.6758	0.18	0.66054
16 23 2 8 1 o	955.4301	1022.0901	0.93	0.66051
4 18 7 8 1 o	69.7546	74.8387	0.46	0.66046
10 18 6 8 1 o	5559.2739	5975.5801	0.98	0.66040
17 9 4 8 1 o	284.0320	305.7126	0.32	0.66035
5 17 7 8 1 o	106.1480	115.1810	180.49	0.66015
16 20 3 8 1 o	15.6419	16.9981	359.71	0.66009
11 23 5 8 1 o	0.3005	0.3272	185.94	0.66005
20 5 1 8 1 o	213.9410	232.6151	0.65	0.66005

14 15 5 8 1 o	17.6999	19.3726	2.43	0.65991
5 34 4 8 1 o	2.3235	2.5498	359.98	0.65987
18 16 2 8 1 o	364.6431	399.3844	0.77	0.65987
1 27 6 8 1 o	11.8589	13.0295	1.16	0.65986
9 8 7 8 1 o	623.1885	690.4874	0.54	0.65966
6 36 3 8 1 o	6.1456	6.8092	0.47	0.65966
0 0 8 2 1 o	2304.9314	2564.9160	180.63	0.65959
17 20 2 8 1 o	5.3425	5.9321	178.56	0.65951
15 23 3 8 1 o	0.0851	0.0947	172.18	0.65949
13 7 6 8 1 o	44.1122	49.2965	0.23	0.65936
7 14 7 8 1 o	348.5792	391.4292	0.79	0.65927
12 26 4 8 1 o	218.8546	245.0355	180.29	0.65919
3 35 4 8 1 o	1780.5593	1994.8978	0.80	0.65909
4 31 5 8 1 o	877.4872	980.4487	0.29	0.65899
12 21 5 8 1 o	357.7969	398.6341	0.99	0.65898
13 24 4 8 1 o	1866.4327	2069.4023	180.61	0.65888
0 2 8 4 1 o	115.7183	127.9794	0.61	0.65881
1 0 8 4 1 o	5802.6216	6412.5767	0.67	0.65879
3 19 7 8 1 o	267.8566	295.8734	180.34	0.65878
1 1 8 8 1 o	0.0465	0.0508	165.00	0.65860
1 32 5 8 1 o	56.1401	61.2652	180.86	0.65858
1 38 3 8 1 o	39.8394	43.3767	1.34	0.65852
17 22 1 8 1 o	313.7835	341.8781	0.47	0.65847
16 15 4 8 1 o	1228.0791	1334.9200	180.59	0.65840
1 41 0 4 1 o	233.3414	252.9751	0.76	0.65834
14 28 2 8 1 o	2.1544	2.3365	3.46	0.65831
4 26 6 8 1 o	112.8591	121.8696	0.52	0.65830
11 33 2 8 1 o	152.5135	165.1948	180.62	0.65825
1 2 8 8 1 o	161.1935	174.7191	0.35	0.65801
10 25 5 8 1 o	2.0008	2.1736	174.74	0.65796
20 6 1 8 1 o	411.0383	448.5470	180.88	0.65789
6 16 7 8 1 o	240.1090	261.4915	180.88	0.65786
8 22 6 8 1 o	2.9641	3.2456	186.60	0.65771
11 31 3 8 1 o	200.4758	220.0095	0.34	0.65763
19 14 1 8 1 o	49.6339	54.4959	0.33	0.65759
20 8 0 4 1 o	115.7471	127.1627	180.94	0.65755
8 12 7 8 1 o	169.5639	186.7258	181.28	0.65752
1 20 7 8 1 o	11.5223	12.7004	180.78	0.65751
2 27 6 8 1 o	14.4287	15.9213	180.31	0.65747
15 11 5 8 1 o	30.7720	33.9802	0.95	0.65721
4 39 2 8 1 o	0.1477	0.1633	347.36	0.65719
4 40 1 8 1 o	126.6615	139.9541	180.99	0.65713
16 25 1 8 1 o	174.4104	192.4798	0.94	0.65712
13 30 2 8 1 o	1535.3087	1695.0454	0.54	0.65708
19 15 0 4 1 o	16.0961	17.7353	176.33	0.65705
1 3 8 8 1 o	12.4433	13.7562	180.06	0.65704
11 16 6 8 1 o	7.3476	8.1122	359.72	0.65702
10 1 7 8 1 o	349.0982	384.2951	0.30	0.65689
19 11 2 8 1 o	519.1991	570.4608	180.55	0.65687
6 39 1 8 1 o	118.9321	130.1110	0.50	0.65670
17 10 4 8 1 o	51.6033	56.3486	181.85	0.65663
0 4 8 4 1 o	356.5422	386.4059	180.04	0.65647
15 19 4 8 1 o	28.1354	30.5203	1.85	0.65644
13 8 6 8 1 o	28.5142	30.9048	179.63	0.65643

2 0 8 4 1 o	3424.8384	3704.5732	0.93	0.65642
15 26 2 8 1 o	5.4275	5.8795	2.45	0.65640
6 38 2 8 1 o	102.8443	111.1771	179.84	0.65637
11 28 4 8 1 o	5.8239	6.2904	0.01	0.65635
9 9 7 8 1 o	8635.6104	9320.7021	0.65	0.65634
10 2 7 8 1 o	234.6374	253.0497	180.77	0.65631
7 29 5 8 1 o	1.3453	1.4458	180.10	0.65625
2 1 8 8 1 o	1228.4281	1319.2404	0.62	0.65623
2 32 5 8 1 o	412.9444	442.9900	0.91	0.65621
14 30 0 4 1 o	300.8987	323.8745	0.83	0.65615
2 38 3 8 1 o	0.2362	0.2535	2.68	0.65615
18 12 3 8 1 o	39.9166	43.0525	0.75	0.65613
16 1 5 8 1 o	4.3529	4.6842	357.38	0.65606
9 37 0 4 1 o	187.0138	200.9736	0.49	0.65581
12 13 6 8 1 o	0.7346	0.7893	178.69	0.65577
1 4 8 8 1 o	74.8688	80.3707	0.88	0.65568
2 2 8 8 1 o	0.6084	0.6544	357.62	0.65565
17 17 3 8 1 o	0.8544	0.9294	181.50	0.65559
8 28 5 8 1 o	296.8055	322.8150	180.89	0.65549
16 2 5 8 1 o	21.0790	23.0904	181.43	0.65548
14 22 4 8 1 o	64.5971	70.7896	180.41	0.65544
12 33 1 8 1 o	81.2137	89.4543	179.24	0.65539
20 7 1 8 1 o	39.5696	43.8461	180.64	0.65537
10 3 7 8 1 o	45.9184	50.7070	359.30	0.65534
2 20 7 8 1 o	2.1397	2.4085	4.49	0.65515
6 30 5 8 1 o	159.9438	182.5129	180.69	0.65505
10 36 0 4 1 o	2639.4604	3035.3472	1.12	0.65500
17 23 0 4 1 o	546.9733	642.1414	1.04	0.65483
13 19 5 8 1 o	138.8973	164.1818	180.40	0.65479
18 19 1 8 1 o	61.8354	73.3114	181.06	0.65475
8 32 4 8 1 o	15.8017	18.8804	180.03	0.65473
19 1 3 8 1 o	44.6598	53.0933	0.29	0.65472
2 3 8 8 1 o	258.8064	311.5394	180.37	0.65468
8 38 0 4 1 o	115.4305	138.8448	180.18	0.65466
16 3 5 8 1 o	4.8387	5.9170	181.14	0.65451
0 40 2 4 1 o	43.6209	53.7624	0.96	0.65449
5 37 3 8 1 o	149.2071	191.8370	180.15	0.65416
13 28 3 8 1 o	174.9073	223.9723	1.37	0.65416
19 2 3 8 1 o	44.8604	56.7983	2.06	0.65414
0 41 1 4 1 o	376.9013	488.2242	180.57	0.65405
10 4 7 8 1 o	127.0154	165.8025	0.52	0.65400
1 5 8 8 1 o	26.8061	35.3836	180.62	0.65395
7 33 4 8 1 o	11.3303	14.9064	179.30	0.65395
14 16 5 8 1 o	35.1477	45.9716	180.15	0.65389
14 26 3 8 1 o	21.7170	28.4882	179.87	0.65383
1 40 2 8 1 o	528.6963	700.5086	180.67	0.65371
7 15 7 8 1 o	21.4074	28.6455	182.21	0.65365
4 35 4 8 1 o	261.4180	349.1459	2.25	0.65358
9 31 4 8 1 o	2.5714	3.4199	181.85	0.65357
3 27 6 8 1 o	1.5283	2.0552	359.11	0.65355
18 17 2 8 1 o	465.6573	602.9780	181.16	0.65347
5 18 7 8 1 o	27.9915	37.0479	0.23	0.65337
2 4 8 8 1 o	18.7822	24.7418	181.38	0.65334
4 19 7 8 1 o	129.8973	170.4927	180.24	0.65328

1 41 1 8 1 o	311.2233	401.9775	180.79	0.65327
10 19 6 8 1 o	14.3981	18.6136	0.60	0.65323
19 3 3 8 1 o	5.9982	7.5452	180.51	0.65319
16 4 5 8 1 o	60.2559	76.2353	182.34	0.65317
13 9 6 8 1 o	50.9103	64.7633	180.12	0.65316
9 27 5 8 1 o	4672.6460	5616.0659	180.68	0.65279
15 12 5 8 1 o	27.9801	33.3674	181.05	0.65278
12 32 2 8 1 o	90.9781	108.2975	1.04	0.65276
8 13 7 8 1 o	134.7917	159.3834	179.65	0.65271
9 10 7 8 1 o	210.7346	248.3445	0.37	0.65270
9 21 6 8 1 o	275.3021	324.4473	180.98	0.65269
0 6 8 4 1 o	676.0233	787.1481	180.81	0.65263
17 11 4 8 1 o	59.3915	68.4211	180.72	0.65260
3 0 8 4 1 o	494.6740	562.9734	181.21	0.65252
20 8 1 8 1 o	29.1532	32.9634	178.73	0.65250
6 25 6 8 1 o	59.1908	66.6257	0.76	0.65247
19 12 2 8 1 o	485.6066	544.9200	180.94	0.65245
0 36 4 4 1 o	1699.5372	1901.0774	180.60	0.65244
16 16 4 8 1 o	350.4324	391.1171	180.54	0.65242
16 26 0 4 1 o	0.3033	0.3348	169.41	0.65236
3 1 8 8 1 o	1516.4434	1660.0026	0.86	0.65233
3 32 5 8 1 o	312.4181	341.0108	0.93	0.65232
18 20 0 4 1 o	75.5569	82.7446	0.90	0.65231
10 5 7 8 1 o	129.8509	140.9243	180.92	0.65228
11 35 0 4 1 o	3719.6807	4030.8079	0.48	0.65226
3 38 3 8 1 o	24.0609	25.9914	181.68	0.65226
16 21 3 8 1 o	409.7830	437.5396	180.50	0.65216
3 41 0 4 1 o	988.5204	1039.8715	181.02	0.65208
19 15 1 8 1 o	615.9258	647.8538	180.78	0.65202
5 31 5 8 1 o	157.3728	161.3432	180.45	0.65194
19 4 3 8 1 o	0.5005	0.5184	176.60	0.65186
1 6 8 8 1 o	332.8503	338.2491	1.20	0.65186
3 2 8 8 1 o	107.6266	108.5578	180.28	0.65176
7 24 6 8 1 o	176.3186	177.4326	180.12	0.65174
1 36 4 8 1 o	7647.9629	7675.5566	180.71	0.65167
2 5 8 8 1 o	247.6129	247.8842	1.02	0.65163
17 21 2 8 1 o	205.0601	208.5461	181.01	0.65160
7 39 0 4 1 o	179.2857	181.0083	1.03	0.65160
6 17 7 8 1 o	27.0296	26.9965	180.02	0.65152
16 5 5 8 1 o	0.1204	0.1222	141.96	0.65146
16 24 2 8 1 o	26.1476	26.5431	180.10	0.65143
8 35 3 8 1 o	100.7130	101.3979	180.53	0.65141
12 30 3 8 1 o	0.9465	0.9557	0.43	0.65141
9 34 3 8 1 o	281.9650	284.1425	180.78	0.65140
2 40 2 8 1 o	204.9971	206.7620	180.58	0.65139
18 13 3 8 1 o	489.3373	499.8927	181.04	0.65135
3 20 7 8 1 o	31.9409	32.1521	180.79	0.65128
5 26 6 8 1 o	6.3985	6.4477	0.61	0.65127
6 34 4 8 1 o	331.8987	336.2504	0.85	0.65125
14 30 1 8 1 o	40.4613	41.7252	180.47	0.65114
11 24 5 8 1 o	149.9988	156.6459	0.28	0.65099
2 41 1 8 1 o	30.5750	32.0924	179.78	0.65096
3 3 8 8 1 o	366.8626	391.8313	180.92	0.65082
9 37 1 8 1 o	417.2558	446.8407	0.39	0.65080

15 28 1 8 1 o	967.9318	1037.7684	180.58	0.65079
12 22 5 8 1 o	313.2970	339.2054	0.94	0.65071
11 17 6 8 1 o	2654.7305	2879.9209	0.57	0.65070
20 10 0 4 1 o	440.9545	479.6989	0.69	0.65065
12 14 6 8 1 o	21.6887	23.7574	1.00	0.65062
10 30 4 8 1 o	134.7093	149.5994	180.96	0.65049
15 24 3 8 1 o	474.0716	526.7463	0.54	0.65045
0 21 7 4 1 o	75.9296	85.1014	0.95	0.65044
5 39 2 8 1 o	129.6284	146.3143	180.73	0.65020
10 6 7 8 1 o	2.0902	2.3613	174.32	0.65020
19 5 3 8 1 o	20.6584	23.1630	180.12	0.65016
5 40 1 8 1 o	324.1158	365.9265	0.61	0.65014
0 28 6 4 1 o	2.9298	3.3305	0.40	0.65006
10 36 1 8 1 o	1.7697	1.9969	178.00	0.65001
17 23 1 8 1 o	5.2846	5.9272	184.86	0.64985
9 36 2 8 1 o	4604.4556	5153.6821	0.71	0.64973
20 0 2 4 1 o	321.5835	358.9473	179.76	0.64972
8 38 1 8 1 o	44.0726	49.2267	181.92	0.64968
1 21 7 8 1 o	1219.3934	1363.0387	0.83	0.64968
13 10 6 8 1 o	0.7005	0.7787	184.58	0.64957
2 6 8 8 1 o	715.7809	795.0098	0.77	0.64956
20 1 2 8 1 o	260.8733	289.7818	359.84	0.64954
7 36 3 8 1 o	1.4875	1.6497	1.50	0.64952
3 4 8 8 1 o	448.3413	496.6509	180.32	0.64950
13 25 4 8 1 o	50.9966	56.5237	179.94	0.64949
10 33 3 8 1 o	401.9514	445.2378	181.23	0.64948
1 7 8 8 1 o	210.2616	232.0754	180.45	0.64941
16 6 5 8 1 o	550.8901	609.5399	0.56	0.64939
2 36 4 8 1 o	500.9181	552.5416	1.03	0.64937
1 28 6 8 1 o	6.1925	6.8129	181.57	0.64930
20 9 1 8 1 o	302.3178	334.5387	179.82	0.64929
8 23 6 8 1 o	0.6141	0.6772	359.40	0.64912
12 27 4 8 1 o	171.3294	189.6257	0.55	0.64903
15 20 4 8 1 o	24.3536	26.9896	181.48	0.64902
8 37 2 8 1 o	726.6054	805.4889	0.59	0.64899
20 2 2 8 1 o	18.9232	21.0257	359.99	0.64897
17 18 3 8 1 o	63.6972	70.8124	0.27	0.64894
9 11 7 8 1 o	231.7288	260.2337	180.38	0.64873
18 0 4 4 1 o	4451.8008	5014.8525	0.60	0.64860
10 35 2 8 1 o	235.6989	266.7199	359.85	0.64857
13 32 1 8 1 o	100.7429	114.3958	1.34	0.64845
18 1 4 8 1 o	774.2642	876.9675	0.94	0.64842
17 12 4 8 1 o	156.3544	177.6208	179.59	0.64827
10 26 5 8 1 o	199.0355	227.7068	179.91	0.64823
4 27 6 8 1 o	57.9088	66.4740	180.12	0.64819
19 6 3 8 1 o	129.6564	146.6445	181.78	0.64810
15 13 5 8 1 o	51.0664	57.9947	1.40	0.64807
20 3 2 8 1 o	607.1860	684.8562	0.73	0.64804
18 2 4 8 1 o	72.0472	80.7956	0.63	0.64786
3 5 8 8 1 o	318.2598	358.9169	0.87	0.64782
7 16 7 8 1 o	89.9688	101.3466	180.36	0.64780
10 7 7 8 1 o	211.7726	237.4029	0.28	0.64777
14 0 6 4 1 o	6715.4941	7505.4937	180.66	0.64776
19 13 2 8 1 o	8.9747	9.9927	0.50	0.64775

14 17 5 8 1 o	265.1543	294.4740	0.51	0.64767
12 34 0 4 1 o	324.6743	360.4395	0.43	0.64767
8 14 7 8 1 o	437.6843	485.5383	0.77	0.64763
3 40 2 8 1 o	606.0468	668.8164	0.45	0.64758
14 1 6 8 1 o	0.7178	0.7904	2.93	0.64757
14 29 2 8 1 o	325.4281	354.4133	0.48	0.64745
16 26 1 8 1 o	4914.5181	5343.7271	180.68	0.64743
13 20 5 8 1 o	147.4941	160.3588	0.48	0.64743
2 21 7 8 1 o	288.3520	312.9069	180.76	0.64740
18 20 1 8 1 o	119.9311	129.8237	1.34	0.64738
0 8 8 4 1 o	620.7112	671.1278	180.35	0.64736
11 35 1 8 1 o	40.6811	43.8576	180.48	0.64733
4 0 8 4 1 o	274.4904	291.4692	0.23	0.64718
3 41 1 8 1 o	159.6012	169.3135	179.51	0.64715
2 7 8 8 1 o	18.7818	19.8563	179.71	0.64713
2 28 6 8 1 o	98.0177	102.5827	0.12	0.64702
14 2 6 8 1 o	14.6049	15.3316	0.90	0.64701
4 1 8 8 1 o	271.0548	283.3019	181.63	0.64699
0 33 5 4 1 o	1251.0696	1305.4766	180.69	0.64698
4 32 5 8 1 o	832.7051	869.0292	181.01	0.64698
16 7 5 8 1 o	0.3706	0.3882	184.50	0.64697
14 23 4 8 1 o	616.8345	643.6934	181.18	0.64694
18 3 4 8 1 o	35.8252	37.4713	182.93	0.64693
4 38 3 8 1 o	7.5915	7.8994	180.98	0.64692
18 18 2 8 1 o	4527.3457	4720.7383	0.57	0.64688
20 4 2 8 1 o	56.3558	58.4176	1.01	0.64674
5 35 4 8 1 o	68.4287	70.2124	359.43	0.64670
6 40 0 4 1 o	159.0613	163.6328	0.98	0.64670
7 39 1 8 1 o	0.0729	0.0750	131.55	0.64669
1 8 8 8 1 o	0.8904	0.9089	182.54	0.64661
4 2 8 8 1 o	37.8072	38.4183	0.69	0.64644
5 19 7 8 1 o	274.9514	278.9678	0.46	0.64641
7 38 2 8 1 o	274.7502	279.6411	0.27	0.64638
15 27 2 8 1 o	62.3846	63.6355	0.15	0.64637
18 14 3 8 1 o	147.7541	150.9586	180.22	0.64630
16 17 4 8 1 o	3444.8516	3511.7744	0.77	0.64624
1 33 5 8 1 o	1859.7328	1884.1670	0.64	0.64623
19 16 1 8 1 o	114.1262	116.6610	179.50	0.64621
14 3 6 8 1 o	23.2859	23.7210	181.09	0.64609
4 20 7 8 1 o	358.3322	363.5961	180.82	0.64596
10 20 6 8 1 o	167.0235	169.9711	180.81	0.64591
3 6 8 8 1 o	57.9804	59.0965	181.73	0.64578
6 37 3 8 1 o	894.6509	913.8549	0.12	0.64576
20 10 1 8 1 o	44.9167	46.1924	1.13	0.64576
11 32 3 8 1 o	263.1978	269.5767	180.81	0.64570
19 7 3 8 1 o	37.3350	38.4408	0.35	0.64569
13 11 6 8 1 o	17.6728	18.1344	180.09	0.64566
18 4 4 8 1 o	28.1559	29.0185	1.42	0.64564
3 36 4 8 1 o	1054.3348	1081.9462	1.07	0.64559
11 29 4 8 1 o	281.6938	289.5719	0.47	0.64559
11 34 2 8 1 o	152.4987	157.2523	180.97	0.64554
13 31 2 8 1 o	24.0265	24.7913	181.62	0.64554
4 3 8 8 1 o	5.8983	6.0754	178.14	0.64551
12 15 6 8 1 o	15.8958	16.7266	180.45	0.64522

7 30 5 8 1 o	36.7302	38.9199 182.19 0.64512
20 5 2 8 1 o	20.6232	21.9347 1.18 0.64508
15 29 0 4 1 o	975.8180	1039.1101 0.60 0.64506
6 18 7 8 1 o	4.1754	4.4707 180.99 0.64500
10 8 7 8 1 o	141.8365	151.8551 359.74 0.64499
19 17 0 4 1 o	171.8728	184.2053 182.71 0.64496
14 4 6 8 1 o	227.7340	246.9820 0.88 0.64480
8 29 5 8 1 o	272.9306	297.3386 180.66 0.64476
0 39 3 4 1 o	2735.5530	2989.0139 0.65 0.64471
9 22 6 8 1 o	5.2060	5.7094 179.10 0.64466
9 12 7 8 1 o	34.7813	38.4193 180.63 0.64448
2 8 8 8 1 o	34.6177	38.3831 0.44 0.64437
4 4 8 8 1 o	0.8735	0.9681 3.44 0.64423
16 8 5 8 1 o	3520.0745	3883.2129 180.64 0.64420
11 18 6 8 1 o	45.8737	50.7564 1.33 0.64420
16 22 3 8 1 o	323.5241	356.7375 180.19 0.64414
2 33 5 8 1 o	20.8785	23.0103 2.72 0.64399
18 5 4 8 1 o	599.8906	658.7245 0.59 0.64398
1 39 3 8 1 o	100.3181	110.3299 180.09 0.64396
14 27 3 8 1 o	4483.6934	4919.3198 180.66 0.64392
3 21 7 8 1 o	392.8631	426.1404 180.92 0.64366
17 13 4 8 1 o	250.5805	272.5319 180.68 0.64365
6 31 5 8 1 o	672.5493	728.8060 180.35 0.64362
17 22 2 8 1 o	306.1018	332.5184 1.11 0.64361
13 29 3 8 1 o	83.1765	90.0136 180.44 0.64350
1 9 8 8 1 o	32.0493	34.5884 0.40 0.64349
0 42 0 2 1 o	2168.8887	2345.4895 0.70 0.64344
3 7 8 8 1 o	22.7680	24.5575 1.26 0.64340
3 28 6 8 1 o	13.8498	14.9464 0.95 0.64329
14 5 6 8 1 o	113.4261	123.4248 180.10 0.64315
15 14 5 8 1 o	82.2169	89.7221 1.58 0.64310
20 6 2 8 1 o	10.5274	11.5182 3.14 0.64307
6 26 6 8 1 o	0.3246	0.3573 358.13 0.64298
19 8 3 8 1 o	629.7005	693.6885 1.37 0.64294
12 34 1 8 1 o	389.2341	432.3851 0.43 0.64284
19 14 2 8 1 o	373.2711	415.0583 180.62 0.64279

The following lines are used to test the character set of files sent by
network email or other means. They are not part of the CIF data set.
abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789
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