

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,
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;
_publ_contact_author_email 'srio@esrf.fr'
loop_
_publ_author_name
_publ_author_address

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;
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;

#=====

data_GRA25

#=====

5. CHEMICAL DATA

```
_chemical_name_systematic
; ?
;
_chemical_name_common      ?
_chemical_formula_moiety    'Mg7.72 O38 Si12, 6(O)'
_chemical_formula_structural ?
_chemical_formula_analytical ?
_chemical_formula_iupac     ?
_chemical_formula_sum       'Mg7.72 O44 Si12'
_chemical_formula_weight    1228.634
_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      13.3638(7)
_cell_length_b      27.0034(10)
_cell_length_c      5.27155(18)
_cell_angle_alpha    90.00000
_cell_angle_beta     90.00000
_cell_angle_gamma    90.00000
_cell_volume         1902.33(13)
_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 2.145

#=====

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 2.11984
_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 5.9862
_pd_proc_ls_prof_wR_factor 8.0543
_pd_proc_ls_prof_wR_expected 0.9694

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 14.4260
_pd_proc_ls_prof_cwR_factor 15.9035
_pd_proc_ls_prof_cwR_expected 1.9142

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

_pd_proc_ls_prof_chi2 69.0250
_pd_proc_ls_prof_echi2 69.0624

Items related to LS refinement

_refine_ls_goodness_of_fit_all 8.2
_refine_ls_R_I_factor 8.2220
_refine_ls_number_reflns 4178
_refine_ls_number_parameters 63
_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 2.1250
_pd_proc_2theta_range_max 80.0052
_pd_proc_2theta_range_inc 0.020005
_pd_proc_wavelength 0.826300

_pd_block_diffraction_id GRA25_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	0.2005(8)	0.0275(6)	0.582(2)	0.0148(9)	1.00000	Uiso SI
SI2	0.2095(11)	0.1413(5)	0.577(2)	0.0148(9)	1.00000	Uiso SI
SI3	0.2061(10)	0.1960(5)	0.077(2)	0.0148(9)	1.00000	Uiso SI
Mg1	0.00000	0.0246(9)	0.25000	0.0203(19)	0.96500	Uiso MG
Mg2	0.00000	0.0914(8)	0.75000	0.0203(19)	0.96500	Uiso MG
Mg3	0.00000	0.1448(7)	0.25000	0.0203(19)	0.96500	Uiso MG
Mg4	0.00000	0.2033(7)	0.75000	0.0203(19)	0.96500	Uiso MG
O9	0.25000	0.25000	0.083(8)	0.0103(13)	1.00000	Uiso O
O1	0.0820(16)	0.0217(9)	0.587(5)	0.0103(13)	1.00000	Uiso O
O3	0.0660(17)	0.1401(7)	0.581(5)	0.0103(13)	1.00000	Uiso O
O4	0.0946(16)	0.1981(8)	0.059(4)	0.0103(13)	1.00000	Uiso O
O5	0.2645(17)	0.0047(8)	0.357(5)	0.0103(13)	1.00000	Uiso O
O6	0.2498(15)	0.0821(13)	0.595(5)	0.0103(13)	1.00000	Uiso O
O7	0.2639(18)	0.1615(8)	0.306(5)	0.0103(13)	1.00000	Uiso O
O8	0.2994(16)	0.1640(8)	0.769(4)	0.0103(13)	1.00000	Uiso O
O2	0.0879(13)	0.0833(11)	0.077(4)	0.0103(13)	1.00000	Uiso O
O10	0.0711(17)	0.2619(6)	0.536(4)	0.0103(13)	1.00000	Uiso O
OW1	0.063(2)	0.4210(15)	1.063(6)	0.063(9)	0.75000	Uiso O
OW2	0.00000	0.6389(18)	0.25000	0.063(9)	0.75000	Uiso O

OW3 0.00000 0.479(2) 0.25000 0.063(9) 0.75100 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_GRA25_profile

_pd_block_id GRA25_profile
_pd_proc_ls_peak_cutoff 0.00500
_pd_calc_method " Rietveld Refinement"

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

_pd_meas_2theta_range_min	2.119840
_pd_meas_2theta_range_max	80.000000
_pd_meas_2theta_range_inc	0.020005
_pd_proc_2theta_range_min	2.125003
_pd_proc_2theta_range_max	80.005165
_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	2.5053	843(4)	776.9254	776.5137
21	2.5253	811(4)	771.8456	771.4156
22	2.5453	790(4)	766.7492	766.2996
23	2.5652	782(4)	761.6695	761.1989
24	2.5851	771(4)	756.5989	756.1059
25	2.6051	773(4)	751.5071	750.9899
26	2.6252	760(4)	746.4020	745.8585
27	2.6452	752(4)	741.3065	740.7349
28	2.6652	750(4)	736.2285	735.6265
29	2.6852	745(4)	731.1453	730.5104
30	2.7051	747(4)	726.0803	725.4098
31	2.7249	735(4)	721.0438	720.3347
32	2.7449	734(4)	746.7031	715.1668
33	2.7649	722(4)	742.5891	709.9057
34	2.7849	717(4)	738.5458	704.6524
35	2.8050	714(4)	734.5309	699.3439
36	2.8251	714(4)	730.6086	694.0564
37	2.8452	712(4)	726.7653	688.7637
38	2.8652	712(4)	723.0286	683.4946
39	2.8852	708(4)	719.3892	678.2255
40	2.9052	707(4)	715.8558	672.9565
41	2.9253	713(4)	712.4117	667.6453

42	2.9453	712(4)	709.1343	662.3948
43	2.9654	718(4)	705.9701	657.0993
44	2.9854	712(4)	702.9690	651.8145
45	3.0054	720(4)	700.1502	646.5454
46	3.0254	722(4)	697.5253	641.2764
47	3.0454	720(4)	695.1193	636.0074
48	3.0653	725(4)	692.9715	630.7621
49	3.0852	724(4)	691.1111	625.5273
50	3.1052	726(4)	689.5732	620.2661
51	3.1252	730(4)	688.4224	614.9892
52	3.1452	732(4)	687.7300	609.7202
53	3.1653	743(4)	687.5573	604.4168
54	3.1854	737(4)	687.9602	599.1399
55	3.2052	742(4)	688.9718	593.9130
56	3.2252	740(4)	690.6637	588.6439
57	3.2452	746(4)	693.0972	583.3828
58	3.2649	752(4)	696.3297	578.1718
59	3.2851	751(4)	701.3297	573.6100
60	3.3049	745(4)	707.5258	569.3160
61	3.3251	748(4)	715.0784	564.9592
62	3.3450	749(4)	724.0159	560.6457
63	3.3649	756(4)	734.6532	556.3300
64	3.3852	766(4)	747.4751	551.9473
65	3.4052	775(4)	762.4076	547.6251
66	3.4253	784(4)	779.9609	543.2769
67	3.4452	797(4)	799.8610	538.9677
68	3.4651	812(4)	821.7042	534.6520
69	3.4852	827(4)	844.1801	530.3039
70	3.5052	854(4)	865.6454	525.9818
71	3.5252	882(4)	887.9939	521.6465
72	3.5451	917(4)	916.2430	517.3373
73	3.5652	950(4)	956.2166	512.9957
74	3.5853	1010(4)	1012.4657	508.6325
75	3.6052	1093(5)	1088.4373	504.3319
76	3.6253	1186(5)	1192.3933	499.9751
77	3.6452	1323(5)	1327.8796	495.6811
78	3.6651	1480(5)	1501.4592	491.3654
79	3.6852	1706(6)	1715.8206	487.0172
80	3.7052	1980(6)	1969.3632	482.6886
81	3.7252	2326(7)	2265.0603	478.3599
82	3.7452	2740(7)	2607.0938	474.0312
83	3.7651	3197(8)	2999.9893	469.7221
84	3.7852	3755(9)	3458.2388	465.3739
85	3.8052	4331(9)	3987.1899	461.0453
86	3.8253	4938(10)	4605.8682	456.6885
87	3.8452	5557(10)	5313.5215	452.3879
88	3.8652	6132(11)	6125.5400	448.0658
89	3.8851	6606(11)	7009.9922	443.7566
90	3.9050	6949(12)	7863.7305	439.4431
91	3.9251	7046(12)	8414.4668	435.0992
92	3.9451	6835(11)	8217.7314	430.7641
93	3.9652	6314(11)	7104.8149	426.4224
94	3.9852	5538(10)	5579.0649	422.0938
95	4.0051	4620(9)	4227.7554	417.9640

96	4.0251	3707(8)	3230.0896	415.5549
97	4.0450	2941(8)	2536.1494	413.1507
98	4.0651	2296(7)	2050.1128	410.7296
99	4.0850	1838(6)	1707.7827	408.3253
100	4.1051	1481(5)	1456.9150	405.9043
101	4.1250	1224(5)	1270.9188	403.5000
102	4.1449	1028(4)	1128.5081	401.0946
103	4.1649	895(4)	1016.8802	398.6819
104	4.1852	784(4)	927.1216	396.2427
105	4.2051	709(4)	855.4855	393.8373
106	4.2252	647(4)	796.1354	391.4138
107	4.2453	597(3)	746.7617	388.9939
108	4.2652	563(3)	705.3414	386.5885
109	4.2851	531(3)	670.0260	384.1866
110	4.3052	501(3)	639.3084	381.7631
111	4.3252	483(3)	612.7122	379.3504
112	4.3452	467(3)	589.3755	376.9377
113	4.3651	449(3)	568.8256	374.5359
114	4.3849	440(3)	550.5720	372.1426
115	4.4049	430(3)	534.0632	369.7299
116	4.4252	414(3)	519.0092	367.2907
117	4.4452	406(3)	505.4994	364.8781
118	4.4653	389(3)	493.1138	362.4545
119	4.4851	391(3)	481.8837	360.0600
120	4.5051	383(3)	471.4472	357.6473
121	4.5251	381(3)	461.7801	355.2346
122	4.5451	371(3)	452.7999	352.8256
123	4.5651	368(3)	444.3987	350.4129
124	4.5849	364(3)	436.4363	347.8816
125	4.6051	361(3)	428.7440	345.2237
126	4.6251	357(3)	421.5051	342.5790
127	4.6452	354(3)	414.6158	339.9264
128	4.6653	349(3)	408.0691	337.2777
129	4.6854	349(3)	401.8083	334.6237
130	4.7053	344(3)	395.8548	331.9869
131	4.7251	341(3)	390.1948	329.3752
132	4.7452	342(3)	384.6647	326.7227
133	4.7652	342(3)	379.3655	324.0858
134	4.7852	337(3)	374.2387	321.4451
135	4.8053	337(3)	369.2542	318.7925
136	4.8253	336(3)	364.4259	316.1425
137	4.8453	339(3)	359.7521	313.5018
138	4.8653	340(3)	355.0403	310.8703
139	4.8852	334(3)	350.6259	308.2374
140	4.9052	337(3)	346.3045	305.5966
141	4.9253	329(3)	342.0541	302.9388
142	4.9453	330(3)	337.9363	300.3073
143	4.9652	325(3)	333.8998	297.6744
144	4.9853	322(3)	329.9169	295.0258
145	5.0052	323(2)	326.0296	292.3929
146	5.0253	311(2)	322.1728	289.7350
147	5.0452	312(2)	318.4332	287.1154
148	5.0652	306(2)	314.7157	284.4707
149	5.0851	300(2)	311.0743	281.8419

150	5.1051	299(2)	307.4668	279.2011
151	5.1252	294(2)	303.8906	276.5485
152	5.1454	285(2)	300.3467	273.8866
153	5.1654	278(2)	296.8622	271.2379
154	5.1854	280(2)	268.6051	268.6051
155	5.2054	278(2)	265.9565	265.9565
156	5.2253	272(2)	263.6228	263.6228
157	5.2453	269(2)	261.8129	261.8129
158	5.2653	263(2)	261.3277	259.9966
159	5.2852	262(2)	259.5691	258.1858
160	5.3051	259(2)	257.8163	256.3776
161	5.3252	256(2)	256.0510	254.5532
162	5.3451	254(2)	254.3053	252.7451
163	5.3652	253(2)	252.5505	250.9234
164	5.3852	255(2)	250.8053	249.1071
165	5.4053	252(2)	249.0570	247.2826
166	5.4252	247(2)	247.3269	245.4718
167	5.4453	246(2)	245.5862	243.6438
168	5.4652	247(2)	243.8766	241.8420
169	5.4852	242(2)	242.1601	240.0257
170	5.5052	244(2)	240.4486	238.2067
171	5.5253	241(2)	238.7429	236.3850
172	5.5453	241(2)	237.0514	234.5687
173	5.5652	240(2)	235.3753	232.7579
174	5.5854	240(2)	233.6871	230.9216
175	5.6053	239(2)	232.0374	229.1135
176	5.6254	235(2)	231.2556	227.2891
177	5.6453	235(2)	229.6605	225.4810
178	5.6652	237(2)	228.0874	223.6765
179	5.6852	234(2)	226.5284	221.8630
180	5.7052	235(2)	224.9904	220.0467
181	5.7252	236(2)	223.4799	218.2304
182	5.7452	236(2)	221.9986	216.4114
183	5.7651	231(2)	220.5619	214.6033
184	5.7853	231(2)	219.1497	212.7734
185	5.8052	230(2)	217.8004	210.9626
186	5.8253	227(2)	216.5055	209.1471
187	5.8453	231(2)	216.6609	208.7173
188	5.8651	234(2)	216.8924	208.2907
189	5.8851	233(2)	217.2178	207.8616
190	5.9050	232(2)	217.6541	207.4333
191	5.9250	233(2)	218.2280	207.0035
192	5.9449	232(2)	218.9655	206.5757
193	5.9651	229(2)	219.9244	206.1418
194	5.9852	233(2)	221.1429	205.7107
195	6.0052	234(2)	222.6963	205.2810
196	6.0251	237(2)	224.6812	204.8531
197	6.0450	238(2)	227.2521	204.4248
198	6.0651	241(2)	230.6532	203.9929
199	6.0852	244(2)	235.1916	203.5612
200	6.1052	256(2)	241.3415	203.1314
201	6.1251	266(2)	249.8200	202.7042
202	6.1449	278(2)	261.6749	202.2778
203	6.1648	292(2)	278.0655	201.8515

204	6.1849	312(2)	300.1854	201.4196
205	6.2049	336(3)	328.3926	200.9885
206	6.2249	365(3)	363.2947	200.5587
207	6.2449	396(3)	405.9342	200.1283
208	6.2649	427(3)	456.8539	199.6985
209	6.2850	453(3)	515.0612	199.2674
210	6.3049	469(3)	572.0388	198.8396
211	6.3250	476(3)	605.3262	198.4079
212	6.3450	471(3)	580.5521	197.9781
213	6.3649	442(3)	501.9937	197.5502
214	6.3849	417(3)	416.8779	197.1217
215	6.4050	368(3)	352.3893	196.6887
216	6.4253	337(3)	309.2846	196.2536
217	6.4452	306(2)	281.3365	195.8251
218	6.4653	278(2)	262.2892	195.3925
219	6.4853	259(2)	249.1172	194.9627
220	6.5053	245(2)	239.6597	194.5329
221	6.5253	238(2)	232.7155	194.1047
222	6.5453	229(2)	227.4775	193.6749
223	6.5652	228(2)	223.4984	193.2464
224	6.5851	224(2)	220.4535	192.8192
225	6.6051	219(2)	218.1062	192.3888
226	6.6252	218(2)	216.3386	191.9577
227	6.6452	217(2)	215.0630	191.5273
228	6.6652	214(2)	214.2204	191.0981
229	6.6851	208(2)	213.8466	190.6703
230	6.7051	213(2)	213.7958	190.2398
231	6.7249	213(2)	214.1482	189.8141
232	6.7449	207(2)	214.9485	189.3844
233	6.7649	208(2)	216.6211	189.3199
234	6.7849	211(2)	218.9173	189.2599
235	6.8051	210(2)	222.0167	189.1992
236	6.8251	215(2)	226.0779	189.1391
237	6.8451	217(2)	231.4216	189.0792
238	6.8651	218(2)	238.5238	189.0190
239	6.8853	226(2)	248.0443	188.9586
240	6.9052	235(2)	260.5531	188.8988
241	6.9253	240(2)	277.1876	188.8383
242	6.9453	262(2)	298.2369	188.7785
243	6.9653	274(2)	324.4521	188.7183
244	6.9854	293(2)	355.7368	188.6580
245	7.0054	318(2)	391.1582	188.5980
246	7.0254	336(3)	428.4393	188.5379
247	7.0454	355(3)	461.7773	188.4779
248	7.0653	369(3)	480.5801	188.4184
249	7.0852	369(3)	473.8042	188.3586
250	7.1052	369(3)	439.9562	188.2985
251	7.1252	353(3)	392.7753	188.2385
252	7.1453	332(3)	347.3092	188.1781
253	7.1653	318(2)	311.0022	188.1181
254	7.1853	288(2)	283.9003	188.0583
255	7.2052	277(2)	263.9745	187.9984
256	7.2253	260(2)	249.1973	187.9382
257	7.2452	247(2)	238.2311	187.8785

258	7.2649	234(2)	229.9264	187.8191
259	7.2849	229(2)	223.4145	187.7591
260	7.3051	225(2)	218.2556	187.6987
261	7.3251	222(2)	214.1572	187.6386
262	7.3451	214(2)	210.8303	187.5786
263	7.3650	217(2)	208.1038	187.5188
264	7.3852	213(2)	205.8111	187.4583
265	7.4052	212(2)	203.9020	187.3983
266	7.4252	214(2)	202.2821	187.3382
267	7.4452	211(2)	199.7642	187.2782
268	7.4652	207(2)	198.6176	187.2182
269	7.4853	209(2)	197.6278	187.1579
270	7.5051	203.7(20)	196.7849	187.0984
271	7.5252	204.0(20)	196.0507	187.0382
272	7.5451	199.9(20)	195.4241	186.9783
273	7.5652	200.0(20)	194.8866	186.9180
274	7.5854	199.3(20)	194.4355	186.8575
275	7.6053	199.5(20)	194.0742	186.7978
276	7.6252	198.2(20)	193.7978	186.7381
277	7.6452	200.0(20)	193.6120	186.6779
278	7.6652	201.1(20)	193.5321	186.6180
279	7.6852	198.9(20)	193.5807	186.5579
280	7.7052	198.2(20)	193.9756	186.6781
281	7.7252	198.7(20)	194.6024	186.8073
282	7.7452	201.3(20)	195.5355	186.9367
283	7.7652	202.9(20)	196.8703	187.0661
284	7.7852	204.1(20)	198.6934	187.1957
285	7.8053	203.8(20)	201.0670	187.3259
286	7.8253	209(2)	203.9708	187.4553
287	7.8452	212(2)	207.2987	187.5836
288	7.8651	210(2)	210.7205	187.7126
289	7.8851	211(2)	213.2424	187.8418
290	7.9050	210(2)	213.2975	187.9708
291	7.9251	208(2)	210.2392	188.1008
292	7.9452	208(2)	205.7334	188.2306
293	7.9652	210(2)	201.7172	188.3600
294	7.9851	209(2)	198.7818	188.4890
295	8.0052	203.2(20)	196.7523	188.6188
296	8.0251	205.1(20)	195.3782	188.7476
297	8.0451	200.4(20)	194.4246	188.8770
298	8.0650	199.2(20)	193.7575	189.0059
299	8.0850	196.8(20)	193.2810	189.1353
300	8.1050	199.4(20)	192.9389	189.2647
301	8.1251	195.9(19)	192.6916	189.3947
302	8.1449	194.0(19)	192.5173	189.5229
303	8.1649	195.1(19)	192.3934	189.6525
304	8.1851	192.3(19)	192.3094	189.7829
305	8.2052	194.5(19)	192.2572	189.9129
306	8.2253	192.5(19)	192.2298	190.0431
307	8.2452	196.8(20)	192.2226	190.1714
308	8.2652	194.9(19)	192.2314	190.3008
309	8.2852	195.4(19)	192.8037	190.4302
310	8.3052	197.0(20)	193.2126	190.7169
311	8.3253	193.6(19)	193.5493	191.1100

312	8.3452	195.9(20)	193.8934	191.5003
313	8.3650	196.4(20)	194.2434	191.8880
314	8.3849	194.6(20)	194.6046	192.2782
315	8.4051	194.1(19)	194.9769	192.6722
316	8.4251	199.5(20)	195.3542	193.0636
317	8.4452	197.3(20)	195.7407	193.4574
318	8.4653	198.4(20)	196.1329	193.8500
319	8.4852	198.3(20)	196.5289	194.2397
320	8.5051	194.8(19)	196.9317	194.6293
321	8.5252	198.2(20)	197.3451	195.0225
322	8.5450	195.3(20)	197.7605	195.4108
323	8.5651	195.6(20)	198.1920	195.8036
324	8.5850	195.4(20)	197.8529	196.1936
325	8.6051	201.4(20)	198.3172	196.5864
326	8.6251	194.5(19)	198.7892	196.9784
327	8.6452	197.5(20)	199.2715	197.3710
328	8.6653	197.7(20)	199.7653	197.7642
329	8.6853	198.7(20)	200.2706	198.1570
330	8.7054	196.4(20)	200.7888	198.5490
331	8.7252	197.6(20)	201.3170	198.9367
332	8.7452	199.9(20)	201.8686	199.3282
333	8.7651	200.7(20)	202.4402	199.7184
334	8.7852	198.7(20)	203.0412	200.1110
335	8.8053	200.1(20)	203.6767	200.5056
336	8.8253	201.1(20)	204.3430	200.8956
337	8.8453	201.1(20)	205.0614	201.2884
338	8.8653	198.9(20)	205.8440	201.6883
339	8.8853	202.9(20)	206.7599	202.1435
340	8.9052	205.1(20)	207.7740	202.5973
341	8.9254	204.5(20)	208.9445	203.0562
342	8.9452	205(2)	210.2826	203.5077
343	8.9652	205(2)	211.9132	203.9629
344	8.9853	210(2)	213.9914	204.4211
345	9.0052	211(2)	216.7276	204.8733
346	9.0253	208(2)	220.6051	205.3315
347	9.0452	216(2)	226.0040	205.7837
348	9.0652	222(2)	233.3877	206.2389
349	9.0851	224(2)	242.9589	206.6914
350	9.1051	233(2)	255.0384	207.1472
351	9.1253	239(2)	268.7510	207.6074
352	9.1453	246(2)	278.3433	208.0626
353	9.1653	244(2)	274.0616	208.5178
354	9.1854	243(2)	259.2900	208.9737
355	9.2054	234(2)	248.9329	209.4303
356	9.2253	233(2)	243.0768	209.8834
357	9.2453	230(2)	241.4219	210.3370
358	9.2653	232(2)	242.7436	210.7938
359	9.2852	235(2)	246.5863	211.2453
360	9.3052	245(2)	253.2319	211.7006
361	9.3252	251(2)	263.3860	212.1564
362	9.3451	267(2)	277.9667	212.6096
363	9.3652	282(2)	297.9321	213.0661
364	9.3852	301(2)	323.4162	213.5220
365	9.4053	325(3)	353.4397	213.9786

366	9.4252	343(3)	383.5072	214.4324
367	9.4452	356(3)	403.2545	214.8876
368	9.4652	358(3)	398.2434	215.3421
369	9.4852	355(3)	368.0425	215.7980
370	9.5053	329(3)	330.8557	216.2545
371	9.5252	314(2)	300.7550	216.7077
372	9.5452	293(2)	279.5331	217.1636
373	9.5653	270(2)	265.2041	217.6217
374	9.5854	259(2)	256.1434	218.0776
375	9.6054	248(2)	249.5904	218.5342
376	9.6254	246(2)	245.0705	218.9880
377	9.6453	242(2)	241.8984	219.4425
378	9.6652	238(2)	239.6908	219.8940
379	9.6852	240(2)	238.1593	220.3493
380	9.7052	237(2)	237.1550	220.8044
381	9.7252	240(2)	236.5625	221.2603
382	9.7452	239(2)	236.5840	221.9974
383	9.7652	243(2)	237.2135	223.0822
384	9.7852	239(2)	238.0287	224.1638
385	9.8052	246(2)	238.9341	225.2486
386	9.8253	246(2)	239.9789	226.3389
387	9.8452	249(2)	240.8625	227.4150
388	9.8651	251(2)	241.8589	228.4933
389	9.8850	254(2)	243.0572	229.5711
390	9.9050	257(2)	244.4864	230.6544
391	9.9250	262(2)	250.0048	231.7375
392	9.9450	267(2)	251.9321	232.8208
393	9.9651	263(2)	253.8636	233.9093
394	9.9851	267(2)	255.5757	234.9926
395	10.0052	267(2)	257.1429	236.0790
396	10.0251	271(2)	258.8443	237.1568
397	10.0451	270(2)	260.6849	238.2400
398	10.0652	265(2)	263.0296	239.3286
399	10.0852	266(2)	265.6767	240.4118
400	10.1051	268(2)	268.6408	241.4896
401	10.1251	271(2)	271.9961	242.5728
402	10.1449	276(2)	275.7602	243.6451
403	10.1649	281(2)	280.1136	244.7283
404	10.1849	282(2)	284.9994	245.6419
405	10.2049	295(2)	290.6525	246.4082
406	10.2250	305(2)	297.5687	247.1782
407	10.2450	322(3)	306.1542	247.9444
408	10.2650	341(3)	317.1908	248.7106
409	10.2850	362(3)	331.9341	249.4769
410	10.3051	392(3)	352.5344	250.2469
411	10.3250	424(3)	381.1955	251.0093
412	10.3450	462(3)	420.6805	251.7755
413	10.3650	511(3)	472.9025	252.5417
414	10.3849	561(3)	537.5901	253.3041
415	10.4051	611(3)	605.0125	254.0780
416	10.4252	659(4)	645.4296	254.8480
417	10.4452	709(4)	664.8140	255.6142
418	10.4654	768(4)	703.6329	256.3881
419	10.4854	816(4)	762.8660	257.1543

420	10.5054	864(4)	815.9224	257.9205
421	10.5254	863(4)	825.5356	258.6867
422	10.5452	825(4)	772.9443	259.4453
423	10.5652	752(4)	681.2659	260.2115
424	10.5851	669(4)	590.9507	260.9739
425	10.6051	580(3)	520.2000	261.7401
426	10.6252	516(3)	470.3321	262.5102
427	10.6452	478(3)	437.2643	263.2764
428	10.6652	451(3)	415.1178	263.5825
429	10.6851	440(3)	402.2169	263.8363
430	10.7051	444(3)	395.9063	264.0913
431	10.7250	445(3)	394.9318	264.3451
432	10.7450	437(3)	398.3593	264.6002
433	10.7649	449(3)	405.4312	264.8539
434	10.7850	446(3)	415.9963	265.1103
435	10.8051	457(3)	431.0729	265.3666
436	10.8251	458(3)	453.4971	265.6216
437	10.8451	483(3)	487.7276	265.8766
438	10.8651	522(3)	539.8257	266.1317
439	10.8852	598(3)	619.0122	266.3880
440	10.9053	716(4)	736.4039	266.6443
441	10.9254	902(4)	901.9893	266.9007
442	10.9452	1100(5)	1112.6765	267.1532
443	10.9654	1311(5)	1357.4226	267.4108
444	10.9854	1480(5)	1561.8810	267.6658
445	11.0055	1530(5)	1597.1792	267.9221
446	11.0254	1432(5)	1400.1722	268.1759
447	11.0455	1261(5)	1105.6964	268.4322
448	11.0652	1046(5)	864.0961	268.6834
449	11.0852	825(4)	694.7747	268.9385
450	11.1052	666(4)	583.0242	269.0284
451	11.1254	550(3)	508.5499	268.7301
452	11.1452	465(3)	457.6335	268.4378
453	11.1654	419(3)	420.7485	268.1395
454	11.1854	387(3)	394.1015	267.8442
455	11.2052	365(3)	374.3000	267.5518
456	11.2253	352(3)	358.8986	267.2550
457	11.2452	341(3)	347.0260	266.9612
458	11.2650	331(3)	337.6920	266.6688
459	11.2850	325(3)	329.7211	266.3735
460	11.3050	327(3)	323.7628	266.0782
461	11.3251	324(3)	319.0284	265.7814
462	11.3450	318(2)	315.3947	265.4875
463	11.3651	313(2)	312.6765	265.1907
464	11.3852	317(2)	310.8664	264.8939
465	11.4052	315(2)	309.9774	264.5986
466	11.4251	310(2)	310.0646	264.3048
467	11.4452	313(2)	311.2594	264.0080
468	11.4652	310(2)	313.7038	263.7126
469	11.4852	307(2)	317.5102	263.4173
470	11.5052	306(2)	322.6116	263.1220
471	11.5252	305(2)	328.5734	262.8267
472	11.5452	303(2)	334.2702	262.5314
473	11.5652	304(2)	337.8821	262.1074

474	11.5854	301(2)	337.6709	261.6092
475	11.6052	301(2)	334.8374	261.1208
476	11.6252	303(2)	327.5493	260.6276
477	11.6452	305(2)	319.5826	260.1343
478	11.6652	305(2)	259.6411	259.6411
488	11.8651	337(3)	343.8748	254.7108
489	11.8850	346(3)	357.9466	254.2201
490	11.9050	351(3)	375.1666	253.7268
491	11.9251	355(3)	391.9178	253.2311
492	11.9452	366(3)	397.8957	252.7353
493	11.9651	362(3)	383.1655	252.2445
494	11.9851	360(3)	356.5424	251.7513
495	12.0052	352(3)	332.4371	251.2555
496	12.0251	342(3)	315.0945	250.7647
497	12.0450	333(3)	303.1410	250.2739
498	12.0650	322(3)	295.6647	249.7807
499	12.0851	308(2)	290.0392	249.2849
500	12.1051	307(2)	286.2183	248.7917
501	12.1251	297(2)	280.1869	248.2984
502	12.1449	291(2)	278.6800	247.8113
503	12.1650	295(2)	277.8850	247.3296
504	12.1851	290(2)	277.6954	246.8479
505	12.2052	301(2)	278.0453	246.3663
506	12.2253	294(2)	278.9109	245.8846
507	12.2452	298(2)	280.2462	245.4078
508	12.2651	303(2)	282.1766	244.9309
509	12.2852	304(2)	284.7621	244.4493
510	12.3052	305(2)	288.0786	243.9700
511	12.3252	301(2)	292.2933	243.4908
512	12.3452	307(2)	297.6259	243.0115
513	12.3650	309(2)	304.3069	242.5370
514	12.3850	316(2)	312.9006	242.0578
515	12.4051	326(3)	324.0279	241.5761
516	12.4250	337(3)	338.3915	241.0993
517	12.4452	358(3)	357.6960	240.6152
518	12.4653	390(3)	383.5228	240.1335
519	12.4852	437(3)	418.1174	239.6567
520	12.5051	491(3)	464.6572	239.1798
521	12.5251	566(3)	526.0057	238.7006
522	12.5451	643(4)	602.1261	238.2213
523	12.5650	719(4)	687.0447	237.7444
524	12.5851	800(4)	769.3934	237.2628
525	12.6050	849(4)	833.9863	236.7859
526	12.6251	900(4)	877.9559	236.3043
527	12.6452	928(4)	914.5731	235.8226
528	12.6653	932(4)	961.2433	235.3410
529	12.6854	915(4)	996.5725	234.8593
530	12.7053	881(4)	966.8986	234.3824
531	12.7251	815(4)	848.6437	233.9080
532	12.7451	718(4)	698.8765	233.4287
533	12.7652	639(4)	575.5504	232.9471
534	12.7852	548(3)	489.3522	232.4678
535	12.8054	487(3)	429.4757	231.9837
536	12.8252	435(3)	388.0700	231.5093

537	12.8454	398(3)	357.6397	231.0252
538	12.8653	372(3)	335.7478	230.5484
539	12.8853	360(3)	319.1844	229.8799
540	12.9053	351(3)	306.5348	229.1323
541	12.9254	356(3)	296.7560	228.3809
542	12.9451	349(3)	289.3595	227.6445
543	12.9652	328(3)	283.6328	226.8931
544	12.9854	312(2)	279.4829	226.1380
545	13.0054	295(2)	276.4806	225.3904
546	13.0252	282(2)	274.8381	224.6502
547	13.0453	278(2)	273.5432	223.8988
548	13.0651	276(2)	271.5099	223.1586
549	13.0851	274(2)	268.2348	222.4110
550	13.1051	273(2)	264.8655	221.6634
551	13.1254	272(2)	262.3486	220.9045
552	13.1453	270(2)	261.0213	220.1606
553	13.1654	275(2)	262.5286	219.4093
554	13.1854	270(2)	263.1960	218.6616
555	13.2054	272(2)	264.9221	217.9140
556	13.2254	279(2)	267.7854	217.1664
557	13.2453	284(2)	272.1320	216.4225
558	13.2652	289(2)	278.4901	215.6785
559	13.2852	305(2)	287.7102	214.9309
560	13.3052	314(2)	300.9613	214.1833
561	13.3251	339(3)	319.7855	213.4510
562	13.3452	368(3)	346.6848	212.9604
563	13.3652	400(3)	382.4768	212.4723
564	13.3852	428(3)	426.1512	211.9841
565	13.4052	459(3)	471.7015	211.4959
566	13.4252	475(3)	504.9018	211.0078
567	13.4452	480(3)	508.0285	210.5196
568	13.4653	461(3)	476.3845	210.0290
569	13.4852	426(3)	427.5116	209.5433
570	13.5052	394(3)	380.1619	209.0551
571	13.5252	364(3)	342.8191	208.5669
572	13.5452	331(3)	315.6500	208.0787
573	13.5654	308(2)	296.2989	207.5857
574	13.5854	295(2)	282.9117	207.0975
575	13.6054	283(2)	273.5850	206.6094
576	13.6254	282(2)	267.1820	206.1212
577	13.6453	278(2)	262.9813	205.6355
578	13.6653	281(2)	260.6447	205.1473
579	13.6852	282(2)	260.0609	204.6615
580	13.7052	289(2)	261.3437	204.1734
581	13.7252	299(2)	264.7313	203.6852
582	13.7452	308(2)	270.2755	203.1971
583	13.7652	318(3)	277.3354	202.7089
584	13.7852	318(3)	283.8782	202.2207
585	13.8053	316(3)	286.4911	201.7301
586	13.8253	314(3)	283.7179	201.2419
587	13.8452	317(3)	277.5692	200.7562
588	13.8652	308(2)	274.6219	200.2680
589	13.8850	303(2)	274.5791	199.7847
590	13.9050	297(2)	277.3936	199.2966

591	13.9250	303(2)	282.9927	198.8673
592	13.9451	305(2)	291.5050	198.4863
593	13.9651	311(2)	303.1804	198.1071
594	13.9851	333(3)	318.8745	197.7280
595	14.0052	355(3)	339.3605	197.3470
596	14.0252	388(3)	365.7800	196.9679
597	14.0451	423(3)	399.6217	196.5906
598	14.0651	472(3)	443.7838	196.2115
599	14.0852	533(3)	502.7015	195.8305
600	14.1051	608(3)	580.3980	195.4533
601	14.1252	690(4)	681.1061	195.0723
602	14.1450	776(4)	795.9998	194.6969
603	14.1648	865(4)	910.0702	194.3216
604	14.1849	916(4)	988.7361	193.9406
605	14.2050	925(4)	992.4395	193.5595
606	14.2251	885(4)	915.9826	193.1785
607	14.2449	810(4)	798.5754	192.8032
608	14.2650	730(4)	679.2133	192.4222
609	14.2851	651(4)	580.7509	192.0412
610	14.3050	582(3)	504.9291	191.6639
611	14.3250	527(3)	445.7125	191.2848
612	14.3450	464(3)	399.9513	190.9057
613	14.3650	425(3)	365.7748	190.5265
614	14.3850	382(3)	340.8080	190.1474
615	14.4051	354(3)	322.4694	189.7664
616	14.4251	333(3)	308.8586	189.3873
617	14.4454	320(3)	298.1128	189.0025
618	14.4654	303(2)	289.6422	188.6233
619	14.4854	287(2)	283.0814	188.2456
620	14.5054	281(2)	278.7020	188.0047
621	14.5254	274(2)	276.4149	187.7638
622	14.5452	274(2)	276.1333	187.5253
623	14.5652	270(2)	277.7413	187.2844
624	14.5852	274(2)	281.0616	187.0435
625	14.6052	271(2)	285.7329	186.8027
626	14.6252	274(2)	291.2650	186.5618
627	14.6452	279(2)	297.4846	186.3209
628	14.6651	286(2)	305.0546	186.0812
629	14.6852	301(2)	315.4919	185.8391
630	14.7051	329(3)	330.0351	185.5994
631	14.7250	356(3)	350.2112	185.3597
632	14.7449	391(3)	377.7239	185.1201
633	14.7650	434(3)	415.1630	184.8780
634	14.7850	484(3)	464.7175	184.6371
635	14.8051	556(3)	529.5090	184.3950
636	14.8250	653(4)	609.8521	184.1553
637	14.8451	751(4)	704.7108	183.9132
638	14.8652	856(4)	801.9200	183.6711
639	14.8853	909(4)	881.2061	183.4290
640	14.9052	951(4)	914.3029	183.1893
641	14.9253	941(4)	885.7507	182.9472
642	14.9453	897(4)	806.1994	182.7064
643	14.9655	808(4)	703.4366	182.4630
644	14.9854	711(4)	605.1417	182.2234

645	15.0055	613(3)	520.9661	181.9813
646	15.0255	538(3)	454.4292	181.7404
647	15.0454	472(3)	403.3547	181.5007
648	15.0654	417(3)	364.2284	181.2598
649	15.0852	375(3)	334.8137	181.0213
650	15.1052	344(3)	312.2979	180.7804
651	15.1254	317(2)	295.2780	180.5681
652	15.1453	303(2)	283.0577	180.3887
653	15.1653	298(2)	274.6414	180.2084
654	15.1854	295(2)	269.5977	180.0273
655	15.2054	297(2)	267.1964	179.8470
656	15.2252	297(2)	265.7717	179.6685
657	15.2452	290(2)	262.5435	179.4883
658	15.2650	280(2)	255.8570	179.3098
659	15.2850	277(2)	247.4305	179.1295
660	15.3051	269(2)	240.0771	178.9483
661	15.3252	254(2)	234.8466	178.7672
662	15.3451	250(2)	231.6749	178.5878
663	15.3651	243(2)	230.2287	178.4075
664	15.3852	238(2)	230.3873	178.2264
665	15.4052	245(2)	232.2297	178.0461
666	15.4252	252(2)	236.1198	177.8658
667	15.4452	261(2)	242.7233	177.6856
668	15.4652	273(2)	253.2392	177.5053
669	15.4852	296(2)	269.0370	177.3250
670	15.5052	315(3)	291.6065	177.1448
671	15.5252	344(3)	321.3353	176.9645
672	15.5452	371(3)	355.1437	176.7842
673	15.5653	388(3)	384.8670	176.6031
674	15.5853	400(3)	397.7232	176.4228
675	15.6052	402(3)	388.1011	176.2434
676	15.6252	390(3)	363.3220	176.0632
677	15.6453	365(3)	333.5754	175.8820
678	15.6652	342(3)	305.0799	175.7026
679	15.6852	309(2)	280.3712	175.5223
680	15.7052	279(2)	261.2140	175.3421
681	15.7252	260(2)	247.4635	175.1618
682	15.7452	239(2)	237.6878	174.9815
683	15.7652	225(2)	228.4065	174.8013
684	15.7853	215(2)	222.4756	174.6195
685	15.8052	209(2)	217.9631	174.3210
686	15.8254	205(2)	214.7067	174.0181
687	15.8451	195.9(20)	211.7542	173.7226
688	15.8650	192.5(19)	208.1155	173.4242
689	15.8851	193.4(20)	203.6639	173.1227
690	15.9050	188.1(19)	199.2285	172.8243
691	15.9251	185.8(19)	195.3471	172.5228
692	15.9452	191.1(19)	192.2250	172.2214
693	15.9651	195.6(20)	189.7984	171.9229
694	15.9852	205(2)	187.8822	171.6215
695	16.0052	199.4(20)	186.5047	171.3215
696	16.0251	197.3(20)	185.3506	171.0231
697	16.0450	191.5(19)	184.4755	170.7246
698	16.0650	189.3(19)	183.8721	170.4247

699	16.0851	179.9(19)	183.5631	170.1232
700	16.1051	179.5(19)	183.6058	169.8233
701	16.1251	176.9(19)	184.0710	169.5233
702	16.1449	182.0(19)	184.9839	169.2264
703	16.1650	186.8(19)	186.4116	168.9249
704	16.1852	192.9(20)	188.1064	168.6220
705	16.2052	199.9(20)	189.6358	168.3502
706	16.2252	204(2)	190.2763	168.1306
707	16.2452	202(2)	189.8538	167.9111
708	16.2651	196.9(20)	188.6472	167.6927
709	16.2853	196.5(20)	186.7416	167.4709
710	16.3052	190.5(19)	184.2903	167.2525
711	16.3252	182.5(19)	181.7459	167.0329
712	16.3452	181.1(19)	179.6271	166.8134
713	16.3650	180.7(19)	178.0992	166.5960
714	16.3850	172.7(18)	177.3890	166.3765
715	16.4050	172.3(18)	176.7552	166.1570
716	16.4251	171.1(18)	176.5152	165.9363
717	16.4452	169.3(18)	176.5115	165.7157
718	16.4653	168.9(18)	176.6349	165.4950
719	16.4852	170.9(18)	176.6223	165.2766
720	16.5051	171.8(19)	176.3500	165.0581
721	16.5251	171.4(18)	175.8263	164.8386
722	16.5450	177.1(19)	175.2321	164.6201
723	16.5651	185.0(19)	174.7378	164.3995
724	16.5851	186.2(19)	174.4460	164.1800
725	16.6050	185.4(19)	174.3918	163.9615
726	16.6251	180.5(19)	174.6048	163.7409
727	16.6452	175.1(19)	175.1381	163.5203
728	16.6653	172.5(19)	176.0907	163.2996
729	16.6854	176.3(19)	177.6355	163.0790
730	16.7053	185.8(19)	178.3217	162.8605
731	16.7251	193.7(20)	181.9140	162.6432
732	16.7451	209(2)	187.1364	162.4236
733	16.7651	219(2)	194.1855	162.2041
734	16.7852	236(2)	202.7098	161.9835
735	16.8052	245(2)	212.0986	161.7639
736	16.8253	256(2)	216.8712	161.5385
737	16.8453	257(2)	215.4834	161.3134
738	16.8653	248(2)	209.2428	161.0883
739	16.8852	238(2)	201.9068	160.8643
740	16.9052	227(2)	195.4354	160.6392
741	16.9252	215(2)	191.1754	160.4141
742	16.9452	198.7(20)	188.7279	160.1890
743	16.9653	191.3(20)	188.0968	159.9627
744	16.9852	187.9(19)	189.4096	159.7388
745	17.0054	181.1(19)	192.9658	159.5114
746	17.0252	176.1(19)	198.6160	159.2885
747	17.0452	175.0(19)	205.6889	159.0634
748	17.0651	171.8(18)	211.8056	158.8394
749	17.0851	174.9(19)	213.6181	158.6143
750	17.1051	174.2(19)	210.5886	158.3892
751	17.1252	175.0(19)	203.0453	158.1629
752	17.1453	171.6(19)	195.7321	157.9367

753	17.1654	175.4(19)	190.1096	157.7105
754	17.1855	168.9(18)	186.1675	157.4842
755	17.2055	170.5(18)	183.4454	157.2591
756	17.2252	170.1(19)	183.6258	157.0374
757	17.2453	167.6(18)	182.2602	156.8111
758	17.2652	166.6(18)	181.4723	156.5872
759	17.2852	167.2(18)	181.0980	156.3620
760	17.3052	164.8(18)	181.4516	156.1369
761	17.3251	168.0(18)	182.4644	155.9129
762	17.3452	171.8(18)	184.2895	155.6867
763	17.3652	178.1(19)	187.1141	155.4616
764	17.3851	180.6(19)	191.1924	155.2255
765	17.4052	187.6(19)	196.9104	154.9581
766	17.4253	196.0(20)	204.5372	154.6908
767	17.4452	205(2)	213.9299	154.4260
768	17.4652	214(2)	224.3633	154.1600
769	17.4851	225(2)	233.7286	153.8952
770	17.5052	233(2)	239.4764	153.6278
771	17.5252	244(2)	240.5392	153.3618
772	17.5452	257(2)	239.2508	153.0957
773	17.5654	271(2)	239.3280	152.8270
774	17.5854	282(2)	243.3132	152.5609
775	17.6054	299(2)	252.3826	152.2949
776	17.6254	317(3)	266.8942	152.0288
777	17.6454	337(3)	286.4872	151.7628
778	17.6652	355(3)	309.1669	151.4994
779	17.6852	375(3)	330.5975	151.2333
780	17.7052	384(3)	341.8491	150.9672
781	17.7251	386(3)	335.4905	150.7025
782	17.7453	382(3)	314.5081	150.4338
783	17.7652	368(3)	290.7561	150.1691
784	17.7852	353(3)	271.7090	149.9030
785	17.8052	337(3)	259.8399	149.6369
786	17.8252	324(3)	253.7901	149.4143
787	17.8452	311(2)	251.4504	149.2721
788	17.8652	303(2)	250.1633	149.1300
789	17.8850	290(2)	248.5380	148.9892
790	17.9051	281(2)	247.7102	148.8464
791	17.9250	274(2)	248.1285	148.7050
792	17.9450	271(2)	251.9983	148.5628
793	17.9651	271(2)	260.5672	148.4200
794	17.9852	281(2)	274.4653	148.2771
795	18.0052	297(2)	293.9003	148.1350
796	18.0251	319(3)	318.7244	147.9936
797	18.0451	357(3)	350.5914	147.8514
798	18.0651	400(3)	394.8867	147.7093
799	18.0852	467(3)	459.0780	147.5664
800	18.1052	539(3)	545.5676	147.4243
801	18.1251	623(4)	647.4347	147.2829
802	18.1449	698(4)	742.1743	147.1421
803	18.1648	758(4)	793.7266	147.0007
804	18.1850	762(4)	773.9743	146.8571
805	18.2050	735(4)	701.9987	146.7150
806	18.2250	689(4)	620.8745	146.5728

807	18.2450	630(4)	559.6025	146.4307
808	18.2650	591(3)	530.1062	146.2886
809	18.2851	577(3)	537.2461	146.1457
810	18.3049	603(3)	581.7990	146.0050
811	18.3250	672(4)	661.4143	145.8622
812	18.3450	748(4)	759.2169	145.7200
813	18.3650	797(4)	840.8981	145.5779
814	18.3849	818(4)	860.9523	145.4364
815	18.4051	798(4)	810.1941	145.2929
816	18.4252	752(4)	733.4955	145.1500
817	18.4454	712(4)	680.2998	145.0064
818	18.4654	716(4)	676.2721	144.8643
819	18.4854	768(4)	729.3526	144.7222
820	18.5054	887(4)	838.7963	144.5800
821	18.5252	1045(5)	988.5691	144.4393
822	18.5453	1166(5)	1142.9603	144.2964
823	18.5652	1216(5)	1229.6431	144.1550
824	18.5851	1197(5)	1190.3801	144.0136
825	18.6052	1091(5)	1037.3447	143.8707
826	18.6251	918(4)	847.1814	143.7293
827	18.6453	739(4)	672.5905	143.5857
828	18.6652	581(3)	538.3121	143.4443
829	18.6851	462(3)	440.9035	143.3029
830	18.7051	376(3)	372.6982	143.1623
831	18.7250	318(3)	325.7675	143.0244
832	18.7450	279(2)	292.5278	142.8858
833	18.7650	260(2)	268.4617	142.7472
834	18.7850	240(2)	250.5720	142.6086
835	18.8051	235(2)	236.9079	142.4693
836	18.8251	225(2)	226.4128	142.3307
837	18.8452	223(2)	218.2257	142.1914
838	18.8652	219(2)	211.9464	142.0528
839	18.8852	218(2)	207.2216	141.9142
840	18.9052	211(2)	203.8443	141.7756
841	18.9254	215(2)	201.6256	141.6356
842	18.9454	211(2)	200.3709	141.4970
843	18.9654	210(2)	199.6374	141.3584
844	18.9855	208(2)	198.8110	141.2191
845	19.0055	217(2)	197.4797	141.0805
846	19.0255	210(2)	195.6640	140.9419
847	19.0455	218(2)	194.1608	140.8033
848	19.0654	214(2)	193.3393	140.6653
849	19.0852	208(2)	192.9324	140.5281
850	19.1052	219(2)	193.3066	140.3895
851	19.1253	216(2)	193.9382	140.2502
852	19.1452	213(2)	195.2610	140.1123
853	19.1655	217(2)	196.8469	139.9716
854	19.1854	216(2)	199.5731	139.8337
855	19.2054	215(2)	203.9782	139.6951
856	19.2252	220(2)	210.5603	139.5579
857	19.2451	230(2)	220.4097	139.4200
858	19.2650	242(2)	234.6958	139.2821
859	19.2851	264(2)	254.9626	139.1428
860	19.3050	292(2)	282.4835	139.0049

861	19.3251	331(3)	318.5505	138.8656
862	19.3451	378(3)	361.1861	138.7270
863	19.3650	427(3)	405.4846	138.5890
864	19.3852	475(3)	446.4148	138.4491
865	19.4053	531(3)	481.8438	138.3098
866	19.4252	575(3)	514.2738	138.1718
867	19.4451	611(3)	543.6954	138.0339
868	19.4652	636(4)	562.3866	137.8946
869	19.4852	627(4)	560.2844	137.7560
870	19.5053	599(3)	538.9075	137.6167
871	19.5252	557(3)	511.2419	137.4788
872	19.5452	511(3)	486.7180	137.3402
873	19.5652	468(3)	462.4355	137.2016
874	19.5854	421(3)	432.9932	137.0616
875	19.6053	387(3)	396.1525	136.9237
876	19.6253	350(3)	358.7976	136.7851
877	19.6453	317(3)	328.4163	136.6465
878	19.6652	298(2)	308.5681	136.5086
879	19.6852	284(2)	297.2346	136.3700
880	19.7052	280(2)	295.1809	136.2314
881	19.7253	288(2)	300.2043	136.0921
882	19.7452	310(2)	312.9081	135.9542
883	19.7651	332(3)	335.1944	135.8163
884	19.7853	368(3)	368.2804	135.6763
885	19.8053	398(3)	408.2448	135.5376
886	19.8254	432(3)	444.7003	135.3983
887	19.8451	440(3)	461.4287	135.2469
888	19.8651	442(3)	447.8324	134.9510
889	19.8851	423(3)	409.2554	134.6550
890	19.9051	385(3)	362.4057	134.3591
891	19.9251	349(3)	320.4239	134.0632
892	19.9452	314(3)	288.4452	133.7658
893	19.9651	283(2)	265.3810	133.4714
894	19.9853	256(2)	252.9347	133.1725
895	20.0052	236(2)	246.4330	132.8780
896	20.0250	223(2)	241.9594	132.5851
897	20.0451	213(2)	236.3103	132.2877
898	20.0650	204(2)	228.7100	131.9932
899	20.0851	203(2)	219.8583	131.6958
900	20.1051	200(2)	210.5773	131.3999
901	20.1250	193.5(20)	200.9194	131.1055
902	20.1449	183.9(19)	191.3163	130.8110
903	20.1650	184.2(19)	182.5457	130.5136
904	20.1852	174.0(19)	175.2008	130.2148
905	20.2052	172.6(19)	169.4801	129.9188
906	20.2252	167.5(18)	165.1115	129.6229
907	20.2452	166.1(18)	161.8699	129.3270
908	20.2653	161.7(18)	159.5596	129.0296
909	20.2852	158.9(18)	158.0918	128.7351
910	20.3052	165.6(18)	157.3887	128.4392
911	20.3252	163.0(18)	157.4342	128.1433
912	20.3452	162.4(18)	158.1500	127.8474
913	20.3651	164.1(18)	159.2358	127.5530
914	20.3850	162.3(18)	160.0777	127.2585

915	20.4050	164.4(18)	159.9379	126.9626
916	20.4252	162.4(18)	158.6121	126.6637
917	20.4452	158.9(18)	156.7980	126.3678
918	20.4654	161.5(18)	155.2332	126.0689
919	20.4851	159.1(18)	154.2979	125.7774
920	20.5051	158.0(18)	154.0723	125.4854
921	20.5251	157.2(18)	154.5295	125.1974
922	20.5451	160.4(18)	155.6205	124.9093
923	20.5651	158.3(18)	157.2759	124.6212
924	20.5850	156.0(18)	159.3257	124.3346
925	20.6050	162.4(18)	161.8452	124.0466
926	20.6252	162.6(18)	164.4971	123.7556
927	20.6453	163.7(18)	167.0319	123.4661
928	20.6654	165.1(18)	169.3891	123.1766
929	20.6854	168.1(18)	171.8647	122.8885
930	20.7053	172.1(19)	174.8839	122.6019
931	20.7251	179.6(19)	179.1004	122.3168
932	20.7453	178.0(19)	185.3290	122.0258
933	20.7652	189.6(19)	194.1542	121.7392
934	20.7852	196.8(20)	206.7590	121.4511
935	20.8052	215(2)	224.3976	121.1631
936	20.8254	237(2)	248.5375	120.8721
937	20.8454	268(2)	279.7200	120.5841
938	20.8654	298(2)	316.8486	120.2960
939	20.8852	327(3)	356.0436	120.0109
940	20.9052	361(3)	391.8416	119.7228
941	20.9254	396(3)	417.9182	119.4318
942	20.9452	441(3)	433.6320	119.1467
943	20.9654	484(3)	447.9186	118.8557
944	20.9853	528(3)	469.4724	118.5691
945	21.0053	573(3)	500.0434	118.2811
946	21.0252	608(3)	532.5963	117.9944
947	21.0452	628(4)	556.1041	117.7064
948	21.0652	635(4)	561.5148	117.4183
949	21.0852	619(4)	550.8373	117.1303
950	21.1052	599(3)	534.7695	116.8422
951	21.1252	569(3)	518.2835	116.5541
952	21.1454	534(3)	498.8232	116.2632
953	21.1654	507(3)	472.1009	115.9751
954	21.1855	469(3)	438.9060	115.7479
955	21.2055	436(3)	405.9591	115.5411
956	21.2253	408(3)	378.0886	115.3365
957	21.2452	369(3)	356.1935	115.1308
958	21.2653	344(3)	340.7168	114.9231
959	21.2852	324(3)	331.4586	114.7174
960	21.3052	301(2)	325.2088	114.5107
961	21.3251	288(2)	317.5532	114.3050
962	21.3452	273(2)	305.1286	114.0972
963	21.3652	263(2)	287.5995	113.8905
964	21.3851	252(2)	267.9124	113.6848
965	21.4052	246(2)	247.1315	113.4771
966	21.4253	236(2)	227.7840	113.2693
967	21.4454	225(2)	211.6458	113.0615
968	21.4652	210(2)	199.6224	112.8569

969	21.4851	203(2)	191.5224	112.6512
970	21.5052	196.3(20)	187.1039	112.4435
971	21.5252	186.8(19)	186.2542	112.2367
972	21.5453	184.6(19)	189.0457	112.0290
973	21.5654	181.5(19)	194.4597	111.8212
974	21.5854	181.1(19)	202.0757	111.6145
975	21.6054	182.1(19)	210.4535	111.4078
976	21.6254	181.4(19)	217.1473	111.2011
977	21.6454	185.7(19)	219.3623	110.9944
978	21.6653	178.5(19)	215.5993	110.7887
979	21.6852	173.7(19)	206.7323	110.5830
980	21.7052	167.6(18)	195.1688	110.3763
981	21.7251	168.8(18)	183.5015	110.1706
982	21.7452	160.0(18)	173.1322	109.9628
983	21.7652	156.2(18)	164.8932	109.7561
984	21.7852	148.4(17)	158.6374	109.5494
985	21.8052	144.8(17)	153.9595	109.3427
986	21.8253	143.5(17)	150.2996	109.1349
987	21.8452	141.8(17)	147.2192	108.9292
988	21.8651	139.4(17)	144.4739	108.7236
989	21.8850	138.3(17)	142.1339	108.5179
990	21.9050	136.8(17)	140.3506	108.3112
991	21.9251	134.8(17)	139.2328	108.1034
992	21.9450	138.2(17)	138.8293	107.9331
993	21.9651	134.5(16)	139.0401	107.7979
994	21.9852	139.2(17)	139.6862	107.6627
995	22.0052	135.7(17)	140.7098	107.5282
996	22.0251	139.5(17)	142.3650	107.3943
997	22.0451	137.2(17)	145.2513	107.2598
998	22.0651	142.9(17)	150.0009	107.1253
999	22.0852	143.2(17)	157.0580	106.9901
1000	22.1052	143.5(17)	166.2124	106.8556
1001	22.1250	147.0(17)	176.3105	106.7224
1002	22.1449	145.4(17)	185.1328	106.5886
1003	22.1647	148.8(17)	189.5946	106.4554
1004	22.1849	149.9(17)	187.5512	106.3195
1005	22.2050	155.7(18)	180.4708	106.1844
1006	22.2250	154.4(18)	172.1103	106.0498
1007	22.2450	156.0(18)	165.7477	105.9153
1008	22.2650	164.0(18)	162.2633	105.7808
1009	22.2851	170.6(19)	161.6653	105.6456
1010	22.3050	177.5(19)	163.0855	105.5118
1011	22.3250	187.0(19)	165.1544	105.3773
1012	22.3450	195.2(20)	166.8282	105.2427
1013	22.3650	197.8(20)	168.3302	105.1082
1014	22.3850	202(2)	171.1410	104.9737
1015	22.4051	207(2)	177.0328	104.8385
1016	22.4252	214(2)	187.2456	104.7033
1017	22.4454	223(2)	202.3097	104.5674
1018	22.4654	231(2)	221.1905	104.4329
1019	22.4854	243(2)	241.1629	104.2984
1020	22.5054	253(2)	256.7567	104.1639
1021	22.5252	249(2)	261.6829	104.0307
1022	22.5453	236(2)	253.7796	103.8955

1023	22.5652	236(2)	236.9160	103.7617
1024	22.5851	213(2)	218.0001	103.6278
1025	22.6051	202(2)	200.8192	103.4933
1026	22.6251	191.0(20)	187.4889	103.3588
1027	22.6452	175.0(19)	178.4422	103.2236
1028	22.6652	175.3(19)	173.6757	103.0891
1029	22.6851	167.0(18)	172.5350	102.9553
1030	22.7050	169.2(19)	174.2382	102.8214
1031	22.7250	171.4(19)	178.2857	102.6890
1032	22.7449	171.0(19)	183.3073	102.5791
1033	22.7650	176.1(19)	187.6783	102.4681
1034	22.7850	177.3(19)	189.5580	102.3576
1035	22.8051	180.5(19)	188.6374	102.2466
1036	22.8251	185.9(19)	186.2475	102.1361
1037	22.8451	188.6(20)	184.3671	102.0256
1038	22.8652	197.7(20)	184.5441	101.9146
1039	22.8852	203(2)	187.6807	101.8041
1040	22.9052	219(2)	194.4338	101.6936
1041	22.9254	240(2)	205.0441	101.5820
1042	22.9454	264(2)	219.2939	101.4715
1043	22.9654	285(2)	236.6423	101.3611
1044	22.9855	312(3)	255.3547	101.2500
1045	23.0055	329(3)	273.7237	101.1396
1046	23.0255	337(3)	288.8604	101.0291
1047	23.0454	354(3)	299.7562	100.9191
1048	23.0654	362(3)	308.4490	100.8087
1049	23.0851	373(3)	318.0916	100.6998
1050	23.1052	376(3)	332.0140	100.5888
1051	23.1254	390(3)	350.8882	100.4772
1052	23.1452	395(3)	371.9441	100.3678
1053	23.1655	394(3)	389.4972	100.2557
1054	23.1853	387(3)	394.1659	100.1463
1055	23.2053	372(3)	381.9244	100.0358
1056	23.2252	341(3)	356.1227	99.9259
1057	23.2451	307(2)	324.6924	99.8160
1058	23.2651	279(2)	293.8205	99.7118
1059	23.2850	247(2)	266.7975	99.6673
1060	23.3050	222(2)	243.5773	99.6226
1061	23.3251	205(2)	223.8165	99.5777
1062	23.3452	193.2(20)	207.7342	99.5328
1063	23.3651	178.1(19)	195.7581	99.4883
1064	23.3852	172.9(19)	187.7034	99.4434
1065	23.4053	176.7(19)	183.4416	99.3985
1066	23.4252	172.8(19)	182.3029	99.3540
1067	23.4452	178.6(19)	183.4485	99.3093
1068	23.4651	180.0(19)	185.6677	99.2649
1069	23.4853	182.9(19)	187.4349	99.2197
1070	23.5052	184.5(19)	187.1429	99.1753
1071	23.5252	186.7(19)	183.7284	99.1306
1072	23.5451	180.3(19)	177.6765	99.0861
1073	23.5654	174.3(19)	169.7487	99.0408
1074	23.5853	166.4(18)	161.5559	98.9963
1075	23.6052	159.3(18)	154.0866	98.9519
1076	23.6254	150.0(17)	147.5098	98.9067

1077	23.6452	145.3(17)	142.0585	98.8625
1078	23.6652	138.3(17)	137.5511	98.8178
1079	23.6852	135.3(17)	134.0802	98.7731
1080	23.7052	131.3(16)	131.6388	98.7284
1081	23.7253	129.4(16)	130.2679	98.6835
1082	23.7452	125.6(16)	130.0385	98.6390
1083	23.7652	126.8(16)	130.9860	98.6151
1084	23.7852	125.1(16)	133.2277	98.6295
1085	23.8053	129.3(16)	136.4502	98.6440
1086	23.8254	125.8(16)	140.4369	98.6585
1087	23.8451	128.5(16)	144.4726	98.6727
1088	23.8651	128.9(16)	147.6644	98.6871
1089	23.8850	127.9(16)	148.7386	98.7014
1090	23.9051	126.9(16)	147.1505	98.7159
1091	23.9251	123.7(16)	143.4957	98.7304
1092	23.9452	127.2(16)	139.0159	98.7449
1093	23.9651	128.2(16)	134.7605	98.7592
1094	23.9853	125.2(16)	131.1719	98.7738
1095	24.0052	127.3(16)	128.5546	98.7881
1096	24.0251	129.9(16)	126.9294	98.8025
1097	24.0450	137.8(17)	126.1043	98.8168
1098	24.0651	137.7(17)	125.9387	98.8313
1099	24.0850	145.8(17)	126.3258	98.8457
1100	24.1051	146.5(17)	127.1352	98.8602
1101	24.1250	141.4(17)	128.0085	98.8745
1102	24.1450	139.3(17)	129.4594	98.8890
1103	24.1651	140.7(17)	131.4823	98.9035
1104	24.1851	144.7(17)	134.3946	98.9179
1105	24.2052	143.7(17)	138.4246	98.9324
1106	24.2252	148.9(17)	143.5704	98.9468
1107	24.2453	145.9(17)	149.6571	98.9613
1108	24.2652	148.6(17)	156.0750	98.9757
1109	24.2852	152.8(18)	162.1728	98.9901
1110	24.3052	155.8(18)	167.3465	99.0045
1111	24.3252	157.6(18)	171.4697	99.0189
1112	24.3452	163.5(18)	174.8753	99.0333
1113	24.3651	163.1(18)	178.2556	99.0477
1114	24.3850	164.0(18)	182.6017	99.0621
1115	24.4051	168.4(18)	188.5591	99.0766
1116	24.4251	172.8(19)	195.4910	99.0910
1117	24.4453	175.7(19)	201.7866	99.1055
1118	24.4653	179.9(19)	205.2784	99.1200
1119	24.4852	180.9(19)	204.6404	99.1343
1120	24.5050	174.4(19)	199.5954	99.1486
1121	24.5251	173.9(19)	191.1855	99.1669
1122	24.5451	169.7(18)	181.9149	99.2073
1123	24.5651	166.7(18)	173.9534	99.2477
1124	24.5850	162.6(18)	168.5209	99.2880
1125	24.6050	161.9(18)	166.0997	99.3284
1126	24.6252	160.3(18)	166.4682	99.3692
1127	24.6452	157.8(18)	168.7447	99.4097
1128	24.6654	153.4(18)	171.5527	99.4505
1129	24.6854	156.6(18)	173.3361	99.4909
1130	24.7053	153.6(18)	172.8818	99.5312

1131	24.7251	151.7(17)	169.8306	99.5712
1132	24.7453	147.3(17)	164.2592	99.6120
1133	24.7652	142.5(17)	157.4041	99.6522
1134	24.7852	143.1(17)	150.3555	99.6927
1135	24.8053	139.9(17)	144.0578	99.7333
1136	24.8254	136.1(17)	139.0427	99.7739
1137	24.8454	132.5(16)	135.4564	99.8144
1138	24.8654	136.5(17)	132.8876	99.8548
1139	24.8853	140.2(17)	131.7548	99.8950
1140	24.9052	139.2(17)	131.4771	99.9353
1141	24.9254	142.4(17)	131.7384	99.9761
1142	24.9452	147.2(17)	132.1935	100.0161
1143	24.9653	150.4(17)	132.6410	100.0568
1144	24.9853	153.2(18)	133.1771	100.0972
1145	25.0053	155.4(18)	133.7915	100.1376
1146	25.0252	162.1(18)	134.4153	100.1778
1147	25.0453	157.5(18)	134.6463	100.2185
1148	25.0652	161.3(18)	134.1764	100.2587
1149	25.0851	160.8(18)	133.0563	100.2989
1150	25.1051	163.2(18)	131.6724	100.3394
1151	25.1253	167.1(18)	130.5144	100.3802
1152	25.1454	166.3(18)	130.0091	100.4208
1153	25.1654	168.6(18)	130.4473	100.4613
1154	25.1855	171.0(19)	132.0929	100.5019
1155	25.2055	176.6(19)	135.1898	100.5423
1156	25.2252	178.4(19)	139.9189	100.5822
1157	25.2453	174.5(19)	146.5117	100.6228
1158	25.2652	175.8(19)	155.3170	100.6630
1159	25.2852	181.1(19)	166.1262	100.7035
1160	25.3053	189.2(20)	178.5670	100.7441
1161	25.3251	197.6(20)	191.3037	100.7824
1162	25.3452	207(2)	202.8700	100.8207
1163	25.3652	213(2)	211.6152	100.8588
1164	25.3852	218(2)	217.0686	100.8969
1165	25.4052	222(2)	219.4512	100.9350
1166	25.4253	215(2)	219.2215	100.9732
1167	25.4453	220(2)	217.3980	101.0113
1168	25.4652	211(2)	215.5115	101.0492
1169	25.4851	216(2)	215.2700	101.0871
1170	25.5052	214(2)	217.4641	101.1254
1171	25.5253	214(2)	221.4366	101.1637
1172	25.5452	209(2)	224.8946	101.2016
1173	25.5654	206(2)	224.6579	101.2401
1174	25.5854	201(2)	218.4496	101.2782
1175	25.6054	196.2(20)	207.0349	101.3163
1176	25.6254	184.5(19)	192.7424	101.3544
1177	25.6454	173.2(19)	178.4224	101.3925
1178	25.6652	161.8(18)	165.9672	101.4302
1179	25.6852	158.4(18)	155.2688	101.4683
1180	25.7052	147.3(17)	146.5362	101.5064
1181	25.7251	141.1(17)	139.5580	101.5443
1182	25.7452	137.0(17)	133.9505	101.5826
1183	25.7653	142.4(17)	129.5374	101.6209
1184	25.7852	137.0(17)	126.1505	101.6588

1185	25.8052	137.1(17)	123.5406	101.6969
1186	25.8254	133.8(16)	121.5897	101.7353
1187	25.8451	125.2(16)	120.2422	101.7729
1188	25.8651	121.0(16)	119.3156	101.8110
1189	25.8850	122.2(16)	118.8026	101.8489
1190	25.9051	119.1(16)	118.5993	101.8871
1191	25.9250	121.2(16)	118.6209	101.9250
1192	25.9450	118.9(16)	118.7282	101.9513
1193	25.9651	115.0(15)	118.7738	101.9398
1194	25.9852	115.9(15)	118.6626	101.9283
1195	26.0052	118.8(15)	118.3502	101.9168
1196	26.0251	119.6(16)	117.8736	101.9054
1197	26.0451	117.6(15)	117.3666	101.8940
1198	26.0651	122.2(16)	116.9400	101.8826
1199	26.0852	120.4(16)	116.7149	101.8711
1200	26.1052	120.5(16)	116.8531	101.8596
1201	26.1251	120.1(16)	117.2674	101.8482
1202	26.1449	121.9(16)	118.0275	101.8369
1203	26.1647	121.6(16)	119.3238	101.8256
1204	26.1850	128.6(16)	121.2338	101.8140
1205	26.2050	131.1(16)	123.7308	101.8025
1206	26.2250	144.2(17)	127.0163	101.7911
1207	26.2450	148.9(17)	131.1555	101.7797
1208	26.2650	147.3(17)	136.0251	101.7682
1209	26.2851	142.5(17)	141.1747	101.7567
1210	26.3049	135.1(17)	145.8584	101.7454
1211	26.3249	134.3(16)	149.8407	101.7340
1212	26.3450	133.4(16)	153.2277	101.7225
1213	26.3650	134.6(17)	156.2180	101.7110
1214	26.3849	138.8(17)	158.5772	101.6996
1215	26.4051	139.6(17)	159.3342	101.6881
1216	26.4252	140.0(17)	157.1716	101.6766
1217	26.4454	143.7(17)	152.4132	101.6650
1218	26.4654	142.7(17)	146.4664	101.6536
1219	26.4854	142.2(17)	140.4901	101.6422
1220	26.5053	141.1(17)	135.2924	101.6308
1221	26.5254	137.9(17)	131.0226	101.6193
1222	26.5452	134.1(16)	127.7536	101.6079
1223	26.5652	133.5(16)	125.3545	101.5965
1224	26.5851	133.4(16)	123.7616	101.5851
1225	26.6051	130.8(16)	122.9137	101.5737
1226	26.6252	126.4(16)	122.8457	101.5622
1227	26.6452	126.0(16)	123.4526	101.5508
1228	26.6652	122.4(16)	124.6336	101.5393
1229	26.6851	127.4(16)	126.3117	101.5279
1230	26.7051	128.8(16)	128.4062	101.5165
1231	26.7250	128.8(16)	130.7058	101.5051
1232	26.7450	132.1(16)	132.8257	101.4937
1233	26.7650	133.4(16)	134.3683	101.4822
1234	26.7849	131.4(16)	134.8778	101.4708
1235	26.8051	129.0(16)	134.3895	101.4593
1236	26.8251	125.6(16)	133.2604	101.4479
1237	26.8451	122.6(16)	132.0889	101.4364
1238	26.8652	120.8(16)	130.9279	101.4249

1239	26.8852	118.9(16)	130.0862	101.4135
1240	26.9053	118.7(16)	129.5760	101.4020
1241	26.9254	119.1(16)	129.3163	101.3905
1242	26.9454	115.1(15)	129.1571	101.3790
1243	26.9654	118.8(16)	129.0244	101.3676
1244	26.9855	120.3(16)	128.9886	101.3325
1245	27.0055	122.0(16)	129.2905	101.2753
1246	27.0255	122.8(16)	130.2488	101.2181
1247	27.0455	128.1(16)	132.1189	101.1608
1248	27.0653	129.7(16)	135.1744	101.1042
1249	27.0852	135.1(16)	139.7455	101.0472
1250	27.1052	142.3(17)	145.7260	100.9900
1251	27.1252	145.0(17)	153.1464	100.9328
1252	27.1454	152.7(18)	161.8777	100.8750
1253	27.1654	161.1(18)	171.3483	100.8177
1254	27.1854	169.8(19)	181.3863	100.7605
1255	27.2053	174.7(19)	191.3951	100.7036
1256	27.2252	184.2(19)	200.2481	100.6466
1257	27.2451	185.0(19)	206.0294	100.5897
1258	27.2650	190.4(20)	207.0975	100.5328
1259	27.2850	193.4(20)	203.3995	100.4755
1260	27.3051	193.3(20)	196.3177	100.4180
1261	27.3251	185.5(19)	187.6369	100.3608
1262	27.3451	181.3(19)	178.6041	100.3036
1263	27.3651	178.0(19)	170.0208	100.2463
1264	27.3852	175.7(19)	162.7117	100.1888
1265	27.4052	166.1(18)	157.5463	100.1316
1266	27.4253	167.3(18)	154.7563	100.0741
1267	27.4452	167.5(18)	154.2941	100.0171
1268	27.4652	172.1(19)	155.8693	99.9599
1269	27.4852	179.1(19)	159.0466	99.9027
1270	27.5052	182.3(19)	163.2815	99.8454
1271	27.5252	185.7(19)	168.0369	99.7882
1272	27.5451	193.1(20)	172.8406	99.7313
1273	27.5653	202(2)	177.3844	99.6735
1274	27.5853	206(2)	181.4248	99.6162
1275	27.6053	212(2)	185.0456	99.5590
1276	27.6253	220(2)	188.6552	99.5018
1277	27.6453	224(2)	192.6681	99.4445
1278	27.6651	233(2)	196.9431	99.3879
1279	27.6852	239(2)	200.5739	99.3304
1280	27.7052	239(2)	201.6028	99.2731
1281	27.7252	234(2)	198.3321	99.2159
1282	27.7452	223(2)	190.9760	99.1610
1283	27.7651	215(2)	181.6570	99.1135
1284	27.7853	201(2)	172.6968	99.0652
1285	27.8053	187.5(20)	165.9171	99.0174
1286	27.8254	182.9(19)	161.9366	98.9694
1287	27.8451	174.9(19)	161.1043	98.9223
1288	27.8650	174.7(19)	163.1449	98.8748
1289	27.8851	178.9(19)	167.7640	98.8268
1290	27.9050	181.4(19)	174.3180	98.7792
1291	27.9251	187.8(20)	182.2808	98.7312
1292	27.9452	194.0(20)	191.0884	98.6832

1293	27.9652	199(2)	200.7275	98.6354
1294	27.9852	207(2)	211.8488	98.5876
1295	28.0052	212(2)	225.2319	98.5398
1296	28.0250	222(2)	241.1223	98.4925
1297	28.0450	239(2)	259.6873	98.4447
1298	28.0651	256(2)	280.1138	98.3966
1299	28.0850	274(2)	300.8425	98.3491
1300	28.1051	293(2)	320.7598	98.3011
1301	28.1250	312(3)	338.3863	98.2535
1302	28.1450	332(3)	352.7142	98.2057
1303	28.1650	344(3)	363.2287	98.1579
1304	28.1852	351(3)	369.7354	98.1097
1305	28.2052	358(3)	373.0107	98.0619
1306	28.2252	356(3)	373.8544	98.0141
1307	28.2453	354(3)	372.2130	97.9661
1308	28.2652	361(3)	367.4830	97.9185
1309	28.2852	361(3)	358.7067	97.8707
1310	28.3051	344(3)	344.4626	97.8232
1311	28.3253	320(3)	324.3969	97.7749
1312	28.3452	296(2)	300.6408	97.7273
1313	28.3651	265(2)	275.4076	97.6798
1314	28.3850	247(2)	251.3981	97.7174
1315	28.4051	222(2)	230.2802	97.7778
1316	28.4251	203(2)	213.8413	97.8379
1317	28.4454	195.6(20)	202.0307	97.8988
1318	28.4654	189.6(20)	195.4403	97.9589
1319	28.4851	188.7(20)	193.5493	98.0180
1320	28.5051	192.0(20)	196.0615	98.0781
1321	28.5251	195.1(20)	202.7350	98.1382
1322	28.5451	204(2)	213.2127	98.1982
1323	28.5651	209(2)	226.7537	98.2583
1324	28.5850	220(2)	241.7916	98.3180
1325	28.6051	233(2)	256.1358	98.3784
1326	28.6252	240(2)	266.2564	98.4388
1327	28.6452	241(2)	269.0154	98.4988
1328	28.6654	239(2)	263.3204	98.5595
1329	28.6854	226(2)	251.2538	98.6195
1330	28.7054	218(2)	236.4334	98.6796
1331	28.7252	207(2)	222.3565	98.7391
1332	28.7452	198(2)	211.0854	98.7991
1333	28.7652	193.9(20)	203.9286	98.8592
1334	28.7852	198(2)	201.0323	98.9192
1335	28.8054	198(2)	201.5633	98.9799
1336	28.8254	202(2)	203.6642	99.0399
1337	28.8454	198(2)	204.7888	99.1000
1338	28.8654	196.2(20)	202.7905	99.1601
1339	28.8852	188.5(20)	197.4528	99.2195
1340	28.9053	175.6(19)	189.9445	99.2799
1341	28.9253	169.9(19)	182.2323	99.3399
1342	28.9452	162.4(18)	175.3754	99.3997
1343	28.9654	154.9(18)	169.4149	99.4604
1344	28.9854	151.4(18)	164.2226	99.5204
1345	29.0053	144.8(17)	159.5073	99.5802
1346	29.0252	143.5(17)	155.3847	99.6399

1347	29.0453	140.0(17)	152.1996	99.7069
1348	29.0652	139.7(17)	150.3467	99.8866
1349	29.0851	138.3(17)	149.9047	100.0662
1350	29.1052	139.3(17)	150.8971	100.2476
1351	29.1252	140.6(17)	153.0465	100.4281
1352	29.1454	148.3(17)	155.9218	100.6105
1353	29.1654	147.8(17)	158.8443	100.7910
1354	29.1855	156.9(18)	161.5907	100.9724
1355	29.2055	156.7(18)	163.5887	101.1530
1356	29.2254	166.6(18)	165.2357	101.3326
1357	29.2452	167.2(19)	166.9443	101.5113
1358	29.2653	175.1(19)	168.4716	101.6927
1359	29.2852	172.9(19)	169.3827	101.8724
1360	29.3052	174.2(19)	169.4444	102.0529
1361	29.3252	174.7(19)	168.9199	102.2334
1362	29.3452	170.2(19)	168.4859	102.4139
1363	29.3652	168.4(18)	169.1487	102.5945
1364	29.3851	171.2(19)	171.2999	102.7741
1365	29.4053	171.2(19)	174.9600	102.9564
1366	29.4252	172.0(19)	179.3480	103.1361
1367	29.4454	168.7(19)	183.2985	103.3184
1368	29.4652	171.6(19)	185.2298	103.4971
1369	29.4852	170.5(19)	184.3744	103.6776
1370	29.5052	163.9(18)	180.8347	103.8582
1371	29.5252	163.0(18)	175.3500	104.0387
1372	29.5453	157.5(18)	168.7393	104.2201
1373	29.5654	151.2(18)	161.7972	104.4016
1374	29.5854	146.4(17)	155.1885	104.5821
1375	29.6054	141.5(17)	149.3625	104.7626
1376	29.6254	139.2(17)	144.5563	104.9431
1377	29.6454	137.4(17)	140.8412	105.1237
1378	29.6653	133.8(17)	138.2300	105.3033
1379	29.6852	134.0(17)	136.5343	105.4829
1380	29.7052	133.2(16)	135.6600	105.6634
1381	29.7251	133.5(17)	135.4998	105.8431
1382	29.7453	132.8(16)	135.9892	106.0254
1383	29.7652	135.7(17)	137.0714	106.2063
1384	29.7852	138.8(17)	138.8323	106.4122
1385	29.8052	141.9(17)	141.4920	106.6182
1386	29.8254	145.7(17)	145.0962	106.8262
1387	29.8452	153.9(18)	150.2342	107.0301
1388	29.8651	160.4(18)	156.4807	107.2350
1389	29.8850	175.1(19)	164.3896	107.4399
1390	29.9051	185.9(20)	174.0911	107.6469
1391	29.9250	202(2)	185.3828	107.8518
1392	29.9450	216(2)	198.0572	108.0577
1393	29.9651	229(2)	211.7687	108.2647
1394	29.9851	246(2)	226.3784	108.4707
1395	30.0052	257(2)	242.2478	108.6776
1396	30.0251	274(2)	259.5594	108.8826
1397	30.0451	292(2)	278.2164	109.0885
1398	30.0651	305(2)	296.7871	109.2944
1399	30.0852	321(3)	313.4151	109.5014
1400	30.1052	330(3)	326.8052	109.7074

1401	30.1251	341(3)	337.4720	109.9123
1402	30.1449	351(3)	346.9325	110.1162
1403	30.1647	356(3)	356.2790	110.3201
1404	30.1850	361(3)	365.3262	110.5291
1405	30.2050	364(3)	371.6683	110.7350
1406	30.2250	367(3)	373.1302	110.9410
1407	30.2450	373(3)	368.7693	111.1469
1408	30.2650	371(3)	359.4088	111.3529
1409	30.2851	378(3)	347.4122	111.5599
1410	30.3050	375(3)	335.3229	111.7648
1411	30.3250	380(3)	323.9091	111.9707
1412	30.3449	377(3)	312.3658	112.1756
1413	30.3650	359(3)	298.7354	112.3826
1414	30.3850	344(3)	282.2943	112.5886
1415	30.4050	313(3)	263.6855	112.7945
1416	30.4252	287(2)	244.4232	113.0025
1417	30.4454	254(2)	226.4596	113.2105
1418	30.4654	229(2)	211.0141	113.4165
1419	30.4854	205(2)	198.2670	113.6224
1420	30.5054	188.3(20)	188.4928	113.8284
1421	30.5253	171.5(19)	181.4359	114.0333
1422	30.5452	164.3(18)	176.8135	114.2382
1423	30.5652	161.6(18)	174.2078	114.4441
1424	30.5852	153.9(18)	173.3019	114.6501
1425	30.6051	158.4(18)	173.7925	114.8550
1426	30.6252	153.5(18)	175.4366	115.0530
1427	30.6452	156.0(18)	177.8684	115.2408
1428	30.6652	157.4(18)	181.3146	115.4287
1429	30.6851	160.9(18)	185.6750	115.6157
1430	30.7051	166.2(18)	191.3110	115.8036
1431	30.7249	167.3(19)	198.1593	115.9896
1432	30.7450	172.4(19)	206.4724	116.1785
1433	30.7650	189.4(20)	216.1597	116.3664
1434	30.7849	197(2)	227.4369	116.5533
1435	30.8051	217(2)	241.2347	116.7431
1436	30.8251	231(2)	258.3448	116.9310
1437	30.8451	264(2)	280.0275	117.1189
1438	30.8652	293(2)	306.9962	117.3078
1439	30.8852	331(3)	338.0270	117.4957
1440	30.9052	373(3)	370.2838	117.6836
1441	30.9254	405(3)	398.7627	117.8733
1442	30.9453	429(3)	416.1277	118.0603
1443	30.9654	429(3)	418.3113	118.2491
1444	30.9854	416(3)	406.0591	118.4370
1445	31.0055	387(3)	384.4361	118.6259
1446	31.0254	357(3)	359.1708	118.8129
1447	31.0455	333(3)	333.2768	119.0017
1448	31.0653	310(3)	309.2205	119.1877
1449	31.0852	294(2)	287.5580	119.3747
1450	31.1052	277(2)	268.6868	119.5626
1451	31.1252	257(2)	253.0163	119.7505
1452	31.1454	245(2)	240.4182	119.9403
1453	31.1653	233(2)	231.0513	120.1272
1454	31.1854	225(2)	224.3569	120.3161

1455	31.2052	228(2)	220.1708	120.5021
1456	31.2252	229(2)	217.7965	120.6900
1457	31.2451	231(2)	216.5988	120.8769
1458	31.2650	239(2)	215.7711	121.0639
1459	31.2850	243(2)	214.8389	121.2518
1460	31.3050	254(2)	213.6404	121.4397
1461	31.3251	259(2)	212.5907	121.6286
1462	31.3452	266(2)	212.0465	121.8104
1463	31.3651	275(2)	212.5184	121.8582
1464	31.3852	283(2)	214.3390	121.9064
1465	31.4052	291(2)	218.0099	121.9544
1466	31.4252	299(2)	224.1112	122.0024
1467	31.4452	298(2)	233.5070	122.0505
1468	31.4651	313(3)	247.2703	122.0982
1469	31.4852	321(3)	267.0076	122.1465
1470	31.5052	349(3)	293.6804	122.1945
1471	31.5252	384(3)	327.7760	122.2425
1472	31.5451	429(3)	367.8871	122.2903
1473	31.5652	482(3)	411.0417	122.3385
1474	31.5854	524(3)	450.1652	122.3870
1475	31.6052	548(3)	474.9163	122.4346
1476	31.6254	539(3)	477.6566	122.4830
1477	31.6451	507(3)	456.9791	122.5303
1478	31.6652	453(3)	419.0829	122.5786
1479	31.6852	394(3)	374.6297	122.6266
1480	31.7052	346(3)	331.5942	122.6746
1481	31.7252	303(3)	294.8756	122.7226
1482	31.7452	272(2)	266.7838	122.7706
1483	31.7652	251(2)	247.7824	122.8186
1484	31.7852	236(2)	237.0774	122.8667
1485	31.8053	233(2)	233.1635	122.9149
1486	31.8253	242(2)	234.4446	122.9629
1487	31.8451	244(2)	239.4936	123.0105
1488	31.8651	253(2)	247.5981	123.0585
1489	31.8851	272(2)	258.0813	123.1065
1490	31.9050	292(2)	270.1820	123.1543
1491	31.9251	308(3)	282.2281	123.2025
1492	31.9452	322(3)	292.0330	123.2508
1493	31.9652	325(3)	297.4047	123.2988
1494	31.9852	322(3)	297.4241	123.3468
1495	32.0051	306(3)	292.8408	123.3946
1496	32.0251	288(2)	285.3152	123.3499
1497	32.0450	268(2)	276.4071	123.2427
1498	32.0650	251(2)	266.5797	123.1350
1499	32.0851	239(2)	255.9553	123.0267
1500	32.1050	223(2)	244.5409	122.9196
1501	32.1251	213(2)	232.6793	122.8113
1502	32.1449	204(2)	221.3564	122.7046
1503	32.1650	195(2)	211.0940	122.5964
1504	32.1851	191.1(20)	202.3795	122.4881
1505	32.2052	186.4(20)	195.3652	122.3799
1506	32.2253	181.7(19)	189.9886	122.2716
1507	32.2452	180.4(19)	186.0570	122.1644
1508	32.2652	177.2(19)	183.2592	122.0567

1509	32.2852	179.9(19)	181.3351	121.9490
1510	32.3052	177.2(19)	180.0727	121.8413
1511	32.3252	170.7(19)	179.3370	121.7335
1512	32.3452	171.0(19)	178.8062	121.6258
1513	32.3651	168.8(19)	178.7640	121.5186
1514	32.3850	170.7(19)	178.9396	121.4115
1515	32.4051	170.2(19)	179.2825	121.3032
1516	32.4251	166.8(19)	179.6613	121.1955
1517	32.4452	167.2(19)	179.8330	121.0872
1518	32.4654	165.7(18)	179.4943	120.9784
1519	32.4851	161.0(18)	179.1466	120.8723
1520	32.5051	159.6(18)	178.9755	120.7646
1521	32.5251	162.0(18)	179.3401	120.6569
1522	32.5451	163.6(18)	180.4262	120.5491
1523	32.5651	161.4(18)	182.1748	120.4414
1524	32.5850	163.5(18)	184.2611	120.3342
1525	32.6050	172.1(19)	186.5010	120.2265
1526	32.6252	176.3(19)	188.8674	120.1177
1527	32.6452	185.0(19)	191.6250	120.0100
1528	32.6653	196(2)	195.2628	119.9017
1529	32.6855	211(2)	200.1275	119.7929
1530	32.7052	224(2)	206.1131	119.6786
1531	32.7252	242(2)	212.9794	119.5158
1532	32.7452	256(2)	219.4642	119.3531
1533	32.7652	270(2)	224.6374	119.1904
1534	32.7852	262(2)	226.8504	119.0277
1535	32.8053	257(2)	225.3247	118.8641
1536	32.8253	242(2)	220.4942	118.7014
1537	32.8454	231(2)	213.3232	118.5379
1538	32.8653	218(2)	204.9524	118.3759
1539	32.8852	203(2)	196.1386	118.2140
1540	32.9052	191.6(20)	187.4515	118.0513
1541	32.9254	185.2(19)	179.3293	117.8869
1542	32.9452	173.7(19)	172.3699	117.7259
1543	32.9653	172.0(19)	166.4822	117.5623
1544	32.9853	163.9(18)	161.9065	117.3996
1545	33.0053	158.7(18)	158.5565	117.2369
1546	33.0252	159.8(18)	156.3041	117.0749
1547	33.0453	156.0(18)	154.9154	116.9114
1548	33.0652	154.9(18)	154.1763	116.7495
1549	33.0851	150.5(18)	153.8983	116.5876
1550	33.1051	151.9(18)	153.8988	116.4248
1551	33.1254	152.0(18)	154.2078	116.2597
1552	33.1454	151.8(18)	155.0899	116.0969
1553	33.1654	155.1(18)	156.7161	115.9342
1554	33.1855	159.6(18)	159.3396	115.7707
1555	33.2054	160.1(18)	163.0996	115.6088
1556	33.2254	164.1(18)	168.1069	115.4460
1557	33.2452	171.1(19)	174.1953	115.2849
1558	33.2652	175.2(19)	181.2310	115.1222
1559	33.2852	182.7(19)	188.5032	114.9595
1560	33.3052	188.4(20)	195.1402	114.7968
1561	33.3252	194(2)	200.1955	114.6340
1562	33.3452	190.0(20)	202.6922	114.4713

1563	33.3652	197(2)	202.5303	114.3086
1564	33.3852	197(2)	200.1396	114.1458
1565	33.4052	192(2)	196.2384	114.0503
1566	33.4253	191.9(20)	190.8956	113.9833
1567	33.4453	188.1(20)	185.1322	113.9166
1568	33.4651	181.6(19)	178.8949	113.8506
1569	33.4852	175.8(19)	172.3515	113.7836
1570	33.5052	171.5(19)	166.0295	113.7170
1571	33.5252	168.5(19)	160.2530	113.6503
1572	33.5453	166.1(18)	155.2419	113.5833
1573	33.5654	163.2(18)	151.1592	113.5163
1574	33.5854	162.3(18)	148.0749	113.4496
1575	33.6054	156.0(18)	145.9651	113.3829
1576	33.6254	153.6(18)	144.8155	113.3162
1577	33.6454	155.6(18)	144.5838	113.2496
1578	33.6652	153.0(18)	145.2126	113.1836
1579	33.6851	155.0(18)	146.5490	113.1172
1580	33.7052	153.2(18)	148.8366	113.0502
1581	33.7252	152.5(18)	151.7835	112.9835
1582	33.7452	154.7(18)	155.2249	112.9169
1583	33.7652	155.6(18)	158.8827	112.8502
1584	33.7852	160.2(18)	162.4507	112.7835
1585	33.8052	167.5(19)	165.7096	112.7168
1586	33.8253	176.7(19)	168.7357	112.6498
1587	33.8452	177.1(19)	171.9098	112.5835
1588	33.8650	183.9(19)	175.7680	112.5175
1589	33.8851	192.6(20)	180.9569	112.4505
1590	33.9050	209(2)	187.7791	112.3841
1591	33.9250	221(2)	196.6573	112.3175
1592	33.9450	234(2)	207.8144	112.2508
1593	33.9651	251(2)	221.2921	112.1838
1594	33.9852	263(2)	236.9353	112.1168
1595	34.0052	285(2)	254.2811	112.0501
1596	34.0251	290(2)	272.7209	111.9837
1597	34.0451	311(3)	291.6693	111.9171
1598	34.0652	313(3)	310.1623	111.8501
1599	34.0852	324(3)	327.1044	111.7834
1600	34.1051	328(3)	341.2550	111.7170
1601	34.1251	323(3)	351.1902	111.6504
1602	34.1449	324(3)	354.9613	111.5844
1603	34.1649	319(3)	350.9523	111.5177
1604	34.1849	306(3)	339.1592	111.4510
1605	34.2050	287(2)	320.7696	111.3840
1606	34.2250	275(2)	298.5392	111.3731
1607	34.2450	260(2)	275.2151	111.4706
1608	34.2650	247(2)	252.7343	111.5681
1609	34.2850	228(2)	232.4141	111.6656
1610	34.3050	213(2)	214.9842	111.7630
1611	34.3250	204(2)	200.6431	111.8605
1612	34.3450	192.7(20)	189.2082	111.9580
1613	34.3649	187.5(20)	180.2688	112.0550
1614	34.3849	179.1(19)	173.1835	112.1525
1615	34.4051	173.7(19)	167.5555	112.2509
1616	34.4252	168.9(19)	162.9685	112.3489

1617	34.4454	165.5(18)	159.1213	112.4473
1618	34.4654	165.4(19)	155.9031	112.5448
1619	34.4854	161.2(18)	153.1816	112.6423
1620	34.5054	156.6(18)	150.9211	112.7397
1621	34.5253	155.4(18)	149.1242	112.8367
1622	34.5454	152.3(18)	147.7555	112.9347
1623	34.5652	151.7(18)	146.8234	113.0312
1624	34.5851	150.7(18)	146.3143	113.1282
1625	34.6052	150.4(18)	146.1756	113.2261
1626	34.6252	146.4(17)	146.4049	113.3236
1627	34.6452	141.6(17)	147.1064	113.4211
1628	34.6652	146.4(18)	147.8708	113.5186
1629	34.6851	146.3(17)	148.8307	113.6156
1630	34.7051	145.9(17)	149.8790	113.7130
1631	34.7250	150.7(18)	151.0443	113.8100
1632	34.7450	156.6(18)	152.4291	113.9075
1633	34.7649	157.0(18)	153.9930	114.0045
1634	34.7850	160.1(18)	155.7267	114.1024
1635	34.8051	161.9(18)	157.4950	114.2004
1636	34.8251	159.4(18)	159.0053	114.2979
1637	34.8451	161.6(18)	160.3837	114.4664
1638	34.8652	160.3(18)	161.6204	114.6488
1639	34.8852	161.6(18)	162.7495	114.8303
1640	34.9052	164.3(18)	164.1393	115.0118
1641	34.9254	166.6(19)	165.7100	115.1951
1642	34.9454	168.0(19)	167.5216	115.3767
1643	34.9654	173.0(19)	169.9372	115.5582
1644	34.9854	173.2(19)	173.0366	115.7397
1645	35.0055	174.4(19)	176.6765	115.9221
1646	35.0255	173.1(19)	180.4624	116.1036
1647	35.0455	176.9(19)	183.9725	116.2851
1648	35.0654	176.8(19)	186.8865	116.4657
1649	35.0852	173.7(19)	189.2213	116.6455
1650	35.1052	169.5(19)	191.2370	116.8269
1651	35.1254	173.6(19)	193.0524	117.0103
1652	35.1454	174.3(19)	194.7192	117.1918
1653	35.1654	179.4(19)	196.0530	117.3733
1654	35.1854	184.4(19)	196.6585	117.5548
1655	35.2053	187.2(20)	196.0407	117.7354
1656	35.2252	176.3(19)	193.7252	117.9160
1657	35.2451	178.5(19)	189.6246	118.0966
1658	35.2650	176.2(19)	184.1744	118.2772
1659	35.2850	170.6(19)	178.0722	118.4588
1660	35.3050	161.9(18)	172.0580	118.6403
1661	35.3252	160.6(18)	166.5813	118.8236
1662	35.3452	153.8(18)	161.9786	119.0051
1663	35.3650	151.6(18)	158.4567	119.1848
1664	35.3852	146.7(17)	155.9030	119.3681
1665	35.4052	145.6(17)	154.4564	119.5497
1666	35.4253	149.2(17)	154.1114	119.7321
1667	35.4451	151.4(18)	154.5998	119.9118
1668	35.4652	150.6(18)	155.8899	120.0942
1669	35.4852	155.1(18)	157.7932	120.2757
1670	35.5053	163.9(18)	160.0974	120.4581

1671	35.5251	170.3(19)	162.5898	120.6378
1672	35.5452	178.6(19)	165.2854	120.8203
1673	35.5652	188.9(20)	168.2373	121.0018
1674	35.5854	196(2)	171.7475	121.1851
1675	35.6054	200(2)	175.9879	121.3666
1676	35.6253	196.3(20)	181.0044	121.5472
1677	35.6452	199(2)	186.9213	121.7278
1678	35.6652	198(2)	193.3996	121.9093
1679	35.6852	206(2)	199.8682	122.1123
1680	35.7053	209(2)	205.5170	122.3339
1681	35.7252	213(2)	209.3371	122.5533
1682	35.7452	215(2)	210.7255	122.7738
1683	35.7652	216(2)	209.5740	122.9942
1684	35.7853	215(2)	206.4218	123.2159
1685	35.8053	212(2)	202.2098	123.4363
1686	35.8252	206(2)	197.8661	123.6557
1687	35.8451	199(2)	194.0194	123.8751
1688	35.8651	197(2)	191.0907	124.0956
1689	35.8851	195(2)	189.3372	124.3161
1690	35.9051	190.9(20)	188.8556	124.5366
1691	35.9251	189.4(20)	189.7255	124.7571
1692	35.9452	184.0(20)	191.8673	124.9787
1693	35.9652	184.6(20)	194.9798	125.1992
1694	35.9852	186.8(20)	198.5595	125.4197
1695	36.0052	189.4(20)	201.9312	125.6402
1696	36.0251	188.6(20)	204.5270	125.8596
1697	36.0450	196(2)	205.9327	126.0790
1698	36.0651	200(2)	205.9604	126.3005
1699	36.0851	201(2)	204.4180	126.5210
1700	36.1050	202(2)	201.1880	126.7404
1701	36.1251	198(2)	196.2990	126.9620
1702	36.1449	190.3(20)	190.3101	127.1804
1703	36.1651	179.6(19)	183.7357	127.4030
1704	36.1851	174.2(19)	177.3518	127.6235
1705	36.2052	164.6(19)	171.5734	127.8451
1706	36.2253	160.0(18)	166.6663	128.0667
1707	36.2452	150.3(18)	162.7843	128.2861
1708	36.2653	152.5(18)	159.8284	128.5077
1709	36.2852	149.2(18)	157.8005	128.7271
1710	36.3052	148.6(18)	156.5005	128.9476
1711	36.3252	148.7(18)	155.7702	129.1681
1712	36.3452	153.6(18)	155.5023	129.3886
1713	36.3651	154.1(18)	155.6091	129.6080
1714	36.3850	157.9(18)	156.0300	129.8273
1715	36.4050	163.2(18)	156.7885	130.0390
1716	36.4252	164.5(18)	157.8765	130.1628
1717	36.4452	171.9(19)	159.3407	130.2853
1718	36.4654	178.4(19)	161.7007	130.4091
1719	36.4852	183.1(20)	164.9408	130.5304
1720	36.5051	190.3(20)	169.3987	130.6524
1721	36.5251	196(2)	175.4184	130.7749
1722	36.5452	200(2)	183.3677	130.8981
1723	36.5651	209(2)	193.4050	131.0200
1724	36.5850	219(2)	205.7686	131.1419

1725	36.6051	234(2)	220.5667	131.2651
1726	36.6252	249(2)	237.3297	131.3882
1727	36.6452	265(2)	255.1951	131.5108
1728	36.6654	279(2)	273.1090	131.6345
1729	36.6854	303(3)	288.8270	131.7571
1730	36.7053	315(3)	300.2246	131.8790
1731	36.7252	321(3)	305.4952	132.0009
1732	36.7452	310(3)	304.1678	132.1235
1733	36.7652	295(2)	297.5046	132.2460
1734	36.7852	280(2)	287.7750	132.3686
1735	36.8053	267(2)	277.1384	132.4917
1736	36.8254	256(2)	267.6979	132.6149
1737	36.8454	251(2)	260.6675	132.7374
1738	36.8654	252(2)	257.0211	132.8600
1739	36.8853	263(2)	257.0598	132.9819
1740	36.9052	270(2)	260.7528	133.1038
1741	36.9254	279(2)	267.7672	133.2276
1742	36.9452	302(3)	277.1456	133.3489
1743	36.9653	320(3)	288.5995	133.4721
1744	36.9854	333(3)	301.6157	133.5952
1745	37.0053	364(3)	315.6575	133.5617
1746	37.0253	389(3)	330.6693	133.4272
1747	37.0452	409(3)	346.2028	133.2934
1748	37.0652	439(3)	361.8369	133.1590
1749	37.0852	463(3)	376.5489	133.0245
1750	37.1052	484(3)	388.7719	132.8900
1751	37.1252	486(3)	396.9186	132.7556
1752	37.1454	482(3)	400.4178	132.6198
1753	37.1654	466(3)	400.3163	132.4853
1754	37.1855	450(3)	398.7747	132.3502
1755	37.2054	432(3)	397.7678	132.2164
1756	37.2253	426(3)	398.2078	132.0826
1757	37.2453	422(3)	399.8330	131.9482
1758	37.2652	415(3)	401.5522	131.8144
1759	37.2852	408(3)	402.0208	131.6799
1760	37.3052	402(3)	399.8122	131.5455
1761	37.3253	389(3)	393.5672	131.4104
1762	37.3453	372(3)	382.4173	131.2759
1763	37.3652	359(3)	366.5280	131.1421
1764	37.3853	335(3)	346.7297	131.0070
1765	37.4052	320(3)	325.4194	130.8732
1766	37.4252	296(2)	304.2372	130.7387
1767	37.4454	284(2)	284.4812	130.4276
1768	37.4653	260(2)	267.8323	130.1122
1769	37.4852	248(2)	254.5803	129.7966
1770	37.5051	238(2)	245.0122	129.4811
1771	37.5253	231(2)	239.0584	129.1609
1772	37.5452	232(2)	236.6163	128.8454
1773	37.5655	233(2)	237.0927	128.5236
1774	37.5854	240(2)	239.6528	128.2081
1775	37.6054	252(2)	243.2063	127.8910
1776	37.6254	260(2)	246.3853	127.5739
1777	37.6454	261(2)	247.7487	127.2569
1778	37.6652	268(2)	246.1535	126.9430

1779	37.6852	254(2)	241.1144	126.6259
1780	37.7052	239(2)	233.1137	126.3088
1781	37.7252	220(2)	223.2531	125.9917
1782	37.7452	203(2)	212.7764	125.6746
1783	37.7653	194(2)	202.6021	125.3560
1784	37.7853	178.4(19)	193.4718	125.0389
1785	37.8052	170.1(19)	185.7007	124.7235
1786	37.8253	160.3(18)	179.3739	124.4048
1787	37.8452	157.0(18)	174.6014	124.0893
1788	37.8650	156.9(18)	171.2328	123.7754
1789	37.8850	154.2(18)	169.0441	123.4583
1790	37.9050	150.3(18)	167.8183	123.1413
1791	37.9250	152.6(18)	167.2552	122.8549
1792	37.9451	156.2(18)	167.0686	122.6272
1793	37.9651	153.2(18)	166.8737	122.4006
1794	37.9851	156.3(18)	166.4605	122.1740
1795	38.0052	158.5(18)	165.8243	121.9463
1796	38.0252	155.9(18)	165.1652	121.7197
1797	38.0451	157.6(18)	164.7665	121.4942
1798	38.0652	159.0(18)	164.8849	121.2665
1799	38.0851	160.2(18)	165.6907	121.0410
1800	38.1052	164.7(19)	167.3039	120.8133
1801	38.1251	167.1(19)	169.6266	120.5878
1802	38.1450	174.6(19)	172.5336	120.3623
1803	38.1648	176.6(19)	175.7113	120.1380
1804	38.1849	187.3(20)	179.1694	119.9103
1805	38.2050	187.5(20)	182.6207	119.6826
1806	38.2250	195(2)	186.0312	119.4560
1807	38.2450	200(2)	189.3993	119.2294
1808	38.2649	205(2)	192.7131	119.0039
1809	38.2851	211(2)	195.7979	118.7750
1810	38.3050	211(2)	198.3028	118.5496
1811	38.3250	214(2)	199.8631	118.3230
1812	38.3450	208(2)	200.1995	118.0963
1813	38.3650	206(2)	199.2274	117.8698
1814	38.3850	198(2)	197.1005	117.6432
1815	38.4051	188.8(20)	194.1562	117.4155
1816	38.4252	183.2(20)	190.8522	117.1877
1817	38.4453	173.1(19)	187.5293	116.9600
1818	38.4654	171.4(19)	184.4789	116.7322
1819	38.4854	165.7(19)	181.8940	116.5056
1820	38.5053	164.4(18)	179.7806	116.2802
1821	38.5253	165.2(19)	178.1111	116.0536
1822	38.5452	163.2(18)	176.6427	115.8281
1823	38.5653	165.8(19)	175.1851	115.6004
1824	38.5851	161.5(18)	173.7625	115.3761
1825	38.6052	161.7(18)	172.4724	115.1483
1826	38.6252	160.1(18)	171.5230	114.9217
1827	38.6452	160.1(18)	171.0178	114.6951
1828	38.6652	166.7(19)	170.9457	114.4685
1829	38.6851	167.1(19)	171.2316	114.2430
1830	38.7052	166.9(19)	171.7173	114.0153
1831	38.7249	172.1(19)	172.3302	113.8256
1832	38.7449	173.8(19)	172.9135	113.6348

1833	38.7650	174.0(19)	173.2779	113.4430
1834	38.7850	175.2(19)	173.1349	113.2522
1835	38.8050	174.0(19)	172.2252	113.0613
1836	38.8251	176.3(19)	170.3033	112.8695
1837	38.8451	170.4(19)	167.6744	112.6787
1838	38.8652	166.6(19)	164.4997	112.4869
1839	38.8852	160.8(18)	161.2080	112.2961
1840	38.9052	162.9(18)	158.1713	112.1053
1841	38.9254	157.5(18)	155.6314	111.9126
1842	38.9453	155.1(18)	153.8310	111.7227
1843	38.9655	160.0(19)	152.7717	111.5300
1844	38.9854	158.0(18)	152.3884	111.3401
1845	39.0055	163.2(19)	152.5345	111.1483
1846	39.0254	161.2(18)	152.9054	110.9585
1847	39.0454	168.9(19)	153.1906	110.7676
1848	39.0654	166.5(19)	153.1755	110.5768
1849	39.0852	165.0(18)	152.8442	110.3879
1850	39.1053	165.1(18)	152.4366	110.1961
1851	39.1252	161.9(18)	152.2803	110.0062
1852	39.1452	158.3(18)	152.6609	109.8154
1853	39.1654	155.9(18)	153.7607	109.6227
1854	39.1854	157.9(18)	155.5350	109.4319
1855	39.2054	164.1(18)	157.8361	109.2410
1856	39.2251	167.4(19)	160.2997	109.0531
1857	39.2451	169.9(19)	162.5321	108.8623
1858	39.2650	170.1(19)	163.9899	108.6724
1859	39.2850	176.8(19)	164.4292	108.4816
1860	39.3051	176.4(19)	163.6731	108.2898
1861	39.3250	173.1(19)	161.8321	108.0999
1862	39.3451	167.9(19)	159.1358	107.9081
1863	39.3651	164.6(19)	155.8103	107.7173
1864	39.3852	159.7(18)	152.5943	107.5255
1865	39.4052	157.6(18)	149.7070	107.3347
1866	39.4252	151.6(18)	147.3652	107.1439
1867	39.4452	148.3(18)	145.7546	106.9908
1868	39.4652	143.5(17)	144.8769	106.8686
1869	39.4852	140.6(17)	144.7405	106.7465
1870	39.5052	141.2(17)	145.1261	106.6243
1871	39.5252	143.6(17)	145.8473	106.5021
1872	39.5452	145.3(17)	146.6119	106.3799
1873	39.5652	144.8(17)	147.2415	106.2577
1874	39.5853	143.3(17)	147.7068	106.1349
1875	39.6053	142.1(17)	148.1027	106.0128
1876	39.6252	143.5(17)	148.4994	105.8912
1877	39.6454	142.4(17)	148.9340	105.7678
1878	39.6651	142.9(17)	149.3471	105.6475
1879	39.6852	144.6(17)	149.6689	105.5247
1880	39.7052	149.0(18)	149.8406	105.4025
1881	39.7252	149.1(18)	149.8799	105.2803
1882	39.7452	149.3(18)	149.8492	105.1581
1883	39.7652	145.9(17)	149.7898	105.0360
1884	39.7852	142.9(17)	149.6521	104.9138
1885	39.8053	142.5(17)	149.2271	104.7910
1886	39.8252	140.9(17)	148.7774	104.6694

1887	39.8451	139.4(17)	148.0903	104.5479
1888	39.8650	137.3(17)	147.2621	104.4263
1889	39.8851	135.8(17)	146.4039	104.3035
1890	39.9051	131.4(17)	145.6819	104.1814
1891	39.9251	131.8(17)	145.1855	104.0592
1892	39.9451	134.1(17)	144.8404	103.9370
1893	39.9651	131.2(17)	144.7232	103.8148
1894	39.9853	134.1(17)	144.5842	103.6914
1895	40.0052	132.1(17)	144.2142	103.5698
1896	40.0250	135.0(17)	143.4712	103.4489
1897	40.0450	133.3(17)	142.2608	103.3267
1898	40.0650	138.3(17)	140.6673	103.2045
1899	40.0851	134.4(17)	138.8347	103.0818
1900	40.1051	136.3(17)	136.9065	102.9596
1901	40.1250	137.6(17)	134.9828	102.8398
1902	40.1449	133.9(17)	133.1743	102.7381
1903	40.1650	133.5(17)	131.3734	102.6353
1904	40.1851	132.3(17)	129.5819	102.5326
1905	40.2052	132.2(17)	127.8186	102.4298
1906	40.2252	131.6(17)	126.1588	102.3276
1907	40.2452	129.1(16)	124.7016	102.2254
1908	40.2652	129.8(17)	123.4792	102.1231
1909	40.2852	132.2(17)	122.5375	102.0209
1910	40.3051	127.6(16)	121.8743	101.9192
1911	40.3252	122.8(16)	121.4161	101.8164
1912	40.3452	124.2(16)	121.1337	101.7142
1913	40.3651	123.1(16)	120.9357	101.6125
1914	40.3850	119.4(16)	120.7632	101.5107
1915	40.4050	119.4(16)	120.5663	101.4085
1916	40.4251	120.0(16)	120.3050	101.3058
1917	40.4452	122.0(16)	119.9583	101.2030
1918	40.4653	121.1(16)	119.5096	101.1003
1919	40.4852	120.7(16)	119.0173	100.9986
1920	40.5050	120.2(16)	118.4980	100.8973
1921	40.5251	119.0(16)	117.9808	100.7946
1922	40.5450	118.3(16)	117.4715	100.6929
1923	40.5651	120.1(16)	117.0342	100.5901
1924	40.5850	118.7(16)	116.6916	100.4884
1925	40.6050	116.7(16)	116.4867	100.3862
1926	40.6251	116.6(16)	116.4603	100.2834
1927	40.6452	114.0(15)	116.6137	100.1807
1928	40.6654	115.8(15)	117.0103	100.1108
1929	40.6854	116.3(16)	117.6487	100.0556
1930	40.7052	115.2(16)	118.5403	100.0009
1931	40.7252	117.9(16)	119.7290	99.9457
1932	40.7452	118.6(16)	121.2365	99.8904
1933	40.7652	115.9(16)	123.0534	99.8352
1934	40.7852	124.5(16)	125.1316	99.7800
1935	40.8052	128.0(16)	127.4517	99.7248
1936	40.8254	127.6(16)	129.9235	99.6690
1937	40.8454	131.0(17)	132.4040	99.6138
1938	40.8654	133.2(17)	134.7714	99.5586
1939	40.8852	133.2(17)	136.8040	99.5039
1940	40.9052	131.5(17)	138.4194	99.4487

1941	40.9254	135.1(17)	139.5115	99.3929
1942	40.9451	137.1(17)	140.1005	99.3385
1943	40.9654	137.9(17)	140.3662	99.2825
1944	40.9853	140.3(17)	140.5256	99.2275
1945	41.0053	137.6(17)	140.7786	99.1723
1946	41.0252	137.3(17)	141.2276	99.1173
1947	41.0452	137.6(17)	141.9335	99.0621
1948	41.0652	138.1(17)	142.8590	99.0069
1949	41.0852	143.8(17)	143.9071	98.9517
1950	41.1051	144.7(17)	144.9910	98.8967
1951	41.1253	145.7(17)	146.1145	98.8410
1952	41.1454	149.0(18)	147.3325	98.7855
1953	41.1654	151.2(18)	148.8069	98.7302
1954	41.1855	152.0(18)	150.5528	98.6747
1955	41.2054	156.2(18)	152.5724	98.6198
1956	41.2253	157.9(18)	154.7754	98.5648
1957	41.2452	163.1(18)	156.9543	98.5099
1958	41.2654	168.8(19)	158.8488	98.4541
1959	41.2852	166.3(19)	160.1740	98.3995
1960	41.3052	169.6(19)	160.7373	98.3442
1961	41.3252	166.4(19)	160.5786	98.2890
1962	41.3452	163.5(19)	159.8212	98.2338
1963	41.3653	163.0(19)	158.6164	98.1783
1964	41.3852	162.1(18)	157.0856	98.1233
1965	41.4052	160.6(18)	155.2381	98.0681
1966	41.4253	154.0(18)	153.0583	98.0126
1967	41.4453	152.1(18)	150.5900	97.9574
1968	41.4652	150.4(18)	147.9029	97.9025
1969	41.4852	148.8(18)	145.0744	97.8472
1970	41.5052	143.5(17)	142.2104	97.7920
1971	41.5252	142.1(17)	139.4364	97.7368
1972	41.5454	139.5(17)	136.8735	97.6810
1973	41.5654	139.0(17)	134.7132	97.6258
1974	41.5854	134.1(17)	133.0273	97.5706
1975	41.6054	134.0(17)	131.8418	97.5154
1976	41.6254	131.6(17)	131.0641	97.4601
1977	41.6453	134.3(17)	130.6535	97.4052
1978	41.6653	134.9(17)	130.3467	97.3494
1979	41.6852	132.2(17)	129.9339	97.2841
1980	41.7052	131.7(17)	129.2363	97.2185
1981	41.7252	127.4(16)	128.1764	97.1528
1982	41.7452	127.0(16)	126.7824	97.0872
1983	41.7652	125.5(16)	125.1232	97.0216
1984	41.7852	121.7(16)	123.2689	96.9560
1985	41.8053	120.7(16)	121.3329	96.8900
1986	41.8254	117.7(16)	119.4243	96.8241
1987	41.8451	117.5(16)	117.6828	96.7594
1988	41.8650	115.0(16)	116.1375	96.6941
1989	41.8850	113.8(15)	114.8659	96.6285
1990	41.9050	118.0(16)	113.8851	96.5629
1991	41.9251	117.8(16)	113.2600	96.4969
1992	41.9450	120.7(16)	112.9785	96.4316
1993	41.9651	120.1(16)	113.0247	96.3657
1994	41.9852	122.4(16)	113.3767	96.2997

1995	42.0052	118.6(16)	113.9926	96.2341
1996	42.0251	123.1(16)	114.7989	96.1688
1997	42.0451	124.5(16)	115.7246	96.1032
1998	42.0651	126.9(16)	116.6742	96.0376
1999	42.0852	122.4(16)	117.6132	95.9716
2000	42.1052	122.8(16)	118.3785	95.9060
2001	42.1251	127.9(16)	118.8867	95.8407
2002	42.1449	126.3(16)	119.0588	95.7757
2003	42.1648	121.5(16)	118.8545	95.7104
2004	42.1849	122.6(16)	118.3341	95.6445
2005	42.2050	123.2(16)	117.5942	95.5785
2006	42.2250	118.9(16)	116.7948	95.5129
2007	42.2450	119.2(16)	116.0506	95.4473
2008	42.2650	118.8(16)	115.4482	95.3816
2009	42.2851	113.3(15)	115.0102	95.3157
2010	42.3050	114.5(16)	114.7755	95.2504
2011	42.3249	114.6(16)	114.7699	95.1851
2012	42.3450	114.6(16)	115.0152	95.1191
2013	42.3650	117.0(16)	115.5331	95.0535
2014	42.3850	115.5(16)	116.3253	94.9879
2015	42.4051	118.2(16)	117.3627	94.9219
2016	42.4252	117.5(16)	118.5943	94.8560
2017	42.4454	121.3(16)	119.8957	94.7897
2018	42.4654	119.6(16)	121.1169	94.7241
2019	42.4854	116.1(16)	122.1829	94.6584
2020	42.5052	122.3(16)	122.9883	94.5935
2021	42.5254	120.2(16)	123.5229	94.5272
2022	42.5452	116.3(16)	123.8460	94.4622
2023	42.5653	118.9(16)	124.0728	94.3963
2024	42.5851	123.6(16)	124.3119	94.3313
2025	42.6052	122.3(16)	124.6504	94.2654
2026	42.6251	126.2(16)	125.1136	94.2001
2027	42.6452	126.9(16)	125.7014	94.1341
2028	42.6651	128.0(16)	126.3303	94.0688
2029	42.6852	134.1(17)	126.9354	94.0028
2030	42.7051	132.2(17)	127.3759	93.9375
2031	42.7249	133.5(17)	127.5576	93.8726
2032	42.7450	132.5(17)	127.4146	93.8066
2033	42.7649	134.0(17)	126.9560	93.7374
2034	42.7849	132.6(17)	126.2640	93.6656
2035	42.8051	130.4(16)	125.4616	93.5930
2036	42.8251	127.5(16)	124.6976	93.5212
2037	42.8451	130.2(17)	124.1443	93.4494
2038	42.8652	125.7(16)	123.8846	93.3772
2039	42.8852	125.4(16)	124.0138	93.3054
2040	42.9052	128.9(16)	124.5946	93.2336
2041	42.9254	129.7(17)	125.6902	93.1611
2042	42.9454	130.3(16)	127.2946	93.0892
2043	42.9655	131.6(17)	129.4001	93.0171
2044	42.9854	136.2(17)	131.9021	92.9456
2045	43.0055	143.9(17)	134.7286	92.8734
2046	43.0254	148.2(18)	137.6334	92.8020
2047	43.0454	152.2(18)	140.4069	92.7302
2048	43.0654	152.9(18)	142.7294	92.6584

2049	43.0852	151.5(18)	144.3259	92.5872
2050	43.1052	152.1(18)	145.0764	92.5154
2051	43.1253	149.4(18)	144.9561	92.4433
2052	43.1452	142.4(17)	144.0701	92.3718
2053	43.1654	138.2(17)	142.5100	92.2993
2054	43.1854	135.9(17)	140.4207	92.2275
2055	43.2053	132.5(17)	137.9163	92.1560
2056	43.2251	127.5(16)	135.1573	92.0849
2057	43.2452	124.6(16)	132.2652	92.0127
2058	43.2650	123.7(16)	129.5055	91.9416
2059	43.2850	122.1(16)	126.9611	91.8698
2060	43.3050	118.7(16)	124.7646	91.7980
2061	43.3251	118.8(16)	122.9453	91.7258
2062	43.3451	119.4(16)	121.5189	91.6540
2063	43.3652	117.3(16)	120.3939	91.5818
2064	43.3854	118.0(16)	119.5026	91.5093
2065	43.4051	115.9(16)	118.7875	91.4386
2066	43.4254	115.8(16)	118.1349	91.3657
2067	43.4452	118.0(16)	117.5680	91.2946
2068	43.4652	115.2(16)	117.0493	91.2227
2069	43.4852	113.1(15)	116.6566	91.1509
2070	43.5052	111.2(15)	116.4522	91.0791
2071	43.5252	113.7(16)	116.5169	91.0073
2072	43.5452	113.1(15)	116.9149	90.9355
2073	43.5652	114.8(16)	117.7555	90.8636
2074	43.5853	117.4(16)	119.1028	90.7915
2075	43.6053	115.4(16)	120.9899	90.7197
2076	43.6253	121.5(16)	123.4238	90.6479
2077	43.6452	125.7(16)	126.3109	90.5764
2078	43.6651	128.1(16)	129.5865	90.5049
2079	43.6852	133.5(17)	133.0973	90.4328
2080	43.7052	135.9(17)	136.5623	90.3609
2081	43.7252	140.8(17)	139.7487	90.2891
2082	43.7452	141.8(17)	142.3333	90.2173
2083	43.7652	148.4(18)	143.9650	90.1455
2084	43.7852	147.7(18)	144.4423	90.0737
2085	43.8054	141.2(17)	143.6171	90.0011
2086	43.8251	145.6(18)	141.7134	89.9348
2087	43.8451	141.0(17)	139.0049	89.8810
2088	43.8651	136.8(17)	135.9295	89.8272
2089	43.8851	131.1(17)	132.8751	89.7734
2090	43.9051	129.7(17)	130.1238	89.7196
2091	43.9251	128.2(16)	127.8607	89.6658
2092	43.9452	126.1(16)	126.1635	89.6117
2093	43.9651	122.8(16)	125.1161	89.5582
2094	43.9852	122.0(16)	124.6369	89.5041
2095	44.0052	120.9(16)	124.6308	89.4503
2096	44.0251	118.0(16)	124.9396	89.3968
2097	44.0450	121.8(16)	125.3889	89.3433
2098	44.0651	118.7(16)	125.7947	89.2892
2099	44.0851	116.7(16)	125.9769	89.2354
2100	44.1050	118.8(16)	125.8528	89.1819
2101	44.1250	115.1(16)	125.3958	89.1281
2102	44.1450	113.6(16)	124.6165	89.0743

2103	44.1650	113.7(15)	123.5546	89.0205
2104	44.1851	106.9(15)	122.2514	88.9664
2105	44.2052	108.5(15)	120.7587	88.9123
2106	44.2252	109.2(15)	119.1063	88.8585
2107	44.2453	107.5(15)	117.3425	88.8045
2108	44.2652	108.0(15)	115.5467	88.7509
2109	44.2852	105.3(15)	113.7433	88.6971
2110	44.3051	102.8(15)	112.0545	88.6436
2111	44.3252	106.5(15)	110.5474	88.5895
2112	44.3453	103.9(15)	109.3024	88.5355
2113	44.3651	105.1(15)	108.3890	88.4822
2114	44.3850	103.8(15)	107.8205	88.4287
2115	44.4050	105.6(15)	107.6110	88.3749
2116	44.4251	104.7(15)	107.7646	88.3208
2117	44.4452	106.1(15)	108.2457	88.2667
2118	44.4654	106.2(15)	109.0034	88.2124
2119	44.4851	109.0(15)	109.9523	88.1594
2120	44.5051	107.7(15)	111.0620	88.1056
2121	44.5251	113.0(15)	112.2594	88.0518
2122	44.5451	110.5(15)	113.5030	87.9980
2123	44.5651	112.2(15)	114.7820	87.9442
2124	44.5850	111.2(15)	116.1222	87.8907
2125	44.6050	112.1(15)	117.5486	87.8369
2126	44.6252	109.9(15)	119.0897	87.7825
2127	44.6452	113.2(16)	120.7647	87.7287
2128	44.6654	116.0(16)	122.6208	87.6744
2129	44.6854	117.6(16)	124.5919	87.6206
2130	44.7053	117.5(16)	126.5849	87.5670
2131	44.7252	118.6(16)	128.4992	87.5135
2132	44.7452	125.0(16)	130.1472	87.4597
2133	44.7652	123.3(16)	131.3429	87.4059
2134	44.7852	122.1(16)	131.9523	87.3521
2135	44.8053	125.1(16)	131.9221	87.2980
2136	44.8254	123.5(16)	131.2936	87.2440
2137	44.8454	127.2(16)	130.1714	87.1902
2138	44.8654	128.1(16)	128.6953	87.1364
2139	44.8852	122.9(16)	127.0361	87.0831
2140	44.9052	121.6(16)	125.3071	87.0310
2141	44.9253	118.0(16)	123.6745	87.0100
2142	44.9452	114.8(16)	122.2404	86.9893
2143	44.9654	114.1(15)	121.0800	86.9682
2144	44.9853	112.4(15)	120.3226	86.9475
2145	45.0053	109.9(15)	120.0197	86.9266
2146	45.0252	108.7(15)	120.2496	86.9059
2147	45.0452	111.7(16)	121.0015	86.8850
2148	45.0652	113.2(15)	122.2543	86.8642
2149	45.0851	112.5(15)	123.9185	86.8435
2150	45.1051	115.9(16)	125.8847	86.8226
2151	45.1253	120.6(16)	128.0011	86.8016
2152	45.1453	120.4(16)	130.0284	86.7807
2153	45.1654	120.7(16)	131.7909	86.7598
2154	45.1855	123.4(16)	133.0763	86.7388
2155	45.2054	123.4(16)	133.7209	86.7181
2156	45.2252	122.0(16)	133.6577	86.6975

2157	45.2453	125.3(16)	132.8867	86.6765
2158	45.2652	121.6(16)	131.5121	86.6558
2159	45.2852	119.5(16)	129.6575	86.6349
2160	45.3053	120.0(16)	127.4606	86.6140
2161	45.3252	116.7(16)	125.0738	86.5932
2162	45.3452	113.5(15)	122.5358	86.5724
2163	45.3653	113.7(15)	119.9221	86.5515
2164	45.3852	111.5(15)	117.4038	86.5307
2165	45.4053	109.0(15)	114.8786	86.5098
2166	45.4253	108.3(15)	112.5306	86.4889
2167	45.4454	106.2(15)	110.4006	86.4680
2168	45.4652	106.5(15)	108.5617	86.4473
2169	45.4851	104.3(15)	106.9906	86.4266
2170	45.5053	102.3(15)	105.6468	86.4055
2171	45.5252	100.5(15)	104.5579	86.3848
2172	45.5454	100.5(15)	103.6700	86.3638
2173	45.5654	98.7(14)	102.9837	86.3429
2174	45.5854	98.2(14)	102.4786	86.3221
2175	45.6054	95.0(14)	102.1392	86.3012
2176	45.6254	97.3(14)	101.9616	86.2804
2177	45.6454	95.7(14)	101.9174	86.2595
2178	45.6652	93.7(14)	101.9981	86.2389
2179	45.6852	93.3(14)	102.2140	86.2181
2180	45.7051	94.8(14)	102.5281	86.1973
2181	45.7252	96.1(14)	102.9651	86.2313
2182	45.7452	94.0(14)	103.4498	86.2838
2183	45.7652	95.2(14)	103.9604	86.3362
2184	45.7852	95.5(14)	104.4825	86.3887
2185	45.8052	92.4(14)	105.0201	86.4411
2186	45.8254	95.7(14)	105.5981	86.4941
2187	45.8451	96.4(14)	106.1884	86.5458
2188	45.8650	96.5(14)	106.8204	86.5980
2189	45.8850	98.1(14)	107.5095	86.6504
2190	45.9050	99.4(14)	108.2723	86.7029
2191	45.9251	100.9(15)	109.1375	86.7556
2192	45.9450	99.9(15)	110.1186	86.8078
2193	45.9651	106.7(15)	111.2714	86.8605
2194	45.9852	108.0(15)	112.5546	86.9132
2195	46.0052	107.2(15)	113.9606	86.9656
2196	46.0251	111.2(15)	115.4323	87.0178
2197	46.0451	112.0(15)	116.9126	87.0703
2198	46.0652	114.4(16)	118.2908	87.1230
2199	46.0851	113.7(16)	119.4259	87.1752
2200	46.1052	115.6(16)	120.2291	87.2279
2201	46.1251	116.1(16)	120.6064	87.2801
2202	46.1449	116.1(16)	120.5538	87.3320
2203	46.1649	110.9(15)	120.1651	87.3844
2204	46.1849	111.8(15)	119.5291	87.4369
2205	46.2050	112.5(15)	118.7120	87.4896
2206	46.2250	112.0(15)	117.8803	87.5421
2207	46.2449	108.6(15)	117.1447	87.5942
2208	46.2650	108.3(15)	116.5905	87.6470
2209	46.2851	110.2(15)	116.2822	87.6997
2210	46.3050	108.0(15)	116.2288	87.7519

2211	46.3249	108.6(15)	116.4095	87.8040
2212	46.3450	111.2(15)	116.8048	87.8568
2213	46.3650	111.2(15)	117.3812	87.9155
2214	46.3850	111.9(15)	118.1336	87.9899
2215	46.4050	118.4(16)	119.0344	88.0642
2216	46.4252	119.7(16)	120.0618	88.1393
2217	46.4454	117.8(16)	121.1040	88.2144
2218	46.4654	118.9(16)	122.1733	88.2887
2219	46.4854	120.9(16)	123.1851	88.3630
2220	46.5054	121.3(16)	124.0792	88.4373
2221	46.5253	121.4(16)	124.7826	88.5113
2222	46.5453	123.6(16)	125.2433	88.5856
2223	46.5652	122.2(16)	125.3677	88.6596
2224	46.5851	124.5(16)	125.1176	88.7335
2225	46.6051	121.1(16)	124.4585	88.8079
2226	46.6252	121.0(16)	123.3932	88.8826
2227	46.6452	120.2(16)	121.9619	88.9569
2228	46.6652	116.2(16)	120.2572	89.0312
2229	46.6851	112.9(16)	118.4081	89.1052
2230	46.7051	109.6(15)	116.5432	89.1795
2231	46.7249	106.9(15)	114.8116	89.2531
2232	46.7449	108.7(15)	113.3148	89.3274
2233	46.7649	106.6(15)	112.1223	89.4017
2234	46.7850	105.0(15)	111.3102	89.4764
2235	46.8050	107.5(15)	110.9140	89.5508
2236	46.8251	108.5(15)	110.9223	89.6255
2237	46.8451	106.6(15)	111.3124	89.6998
2238	46.8652	109.9(15)	111.9933	89.7745
2239	46.8852	110.5(15)	112.8740	89.8488
2240	46.9052	111.6(15)	113.9489	89.9232
2241	46.9254	112.0(15)	115.0939	89.9982
2242	46.9454	111.4(15)	116.2717	90.0726
2243	46.9654	116.5(16)	117.4799	90.1469
2244	46.9854	115.2(16)	118.7008	90.2212
2245	47.0055	118.2(16)	119.9194	90.2959
2246	47.0254	119.5(16)	121.0748	90.3699
2247	47.0455	125.1(16)	122.1167	90.4446
2248	47.0654	122.5(16)	122.9503	90.5185
2249	47.0852	122.7(16)	123.5286	90.5921
2250	47.1053	123.3(16)	123.8727	90.6668
2251	47.1252	124.4(16)	124.0222	90.7408
2252	47.1453	121.5(16)	124.1030	90.8155
2253	47.1654	119.3(16)	124.2016	90.8902
2254	47.1854	122.2(16)	124.4337	90.9645
2255	47.2053	124.1(16)	124.8724	91.0384
2256	47.2251	120.8(16)	125.5818	91.1120
2257	47.2451	120.4(16)	126.6205	91.1864
2258	47.2650	118.3(16)	128.0164	91.2603
2259	47.2851	122.1(16)	129.7919	91.3350
2260	47.3050	122.5(16)	131.9009	91.4094
2261	47.3251	124.5(16)	134.3269	91.4941
2262	47.3451	127.5(16)	136.9387	91.5784
2263	47.3652	128.2(17)	139.6383	91.6632
2264	47.3852	131.8(17)	142.2346	91.7475

2265	47.4053	133.1(17)	144.6283	91.8322
2266	47.4253	135.4(17)	146.6563	91.9165
2267	47.4451	134.1(17)	148.2227	92.0000
2268	47.4652	135.3(17)	149.3088	92.0847
2269	47.4852	138.9(17)	149.8539	92.1690
2270	47.5052	132.6(17)	149.8501	92.2533
2271	47.5252	134.5(17)	149.2905	92.3377
2272	47.5451	133.2(17)	148.2018	92.4215
2273	47.5652	130.6(17)	146.6077	92.5063
2274	47.5854	123.8(16)	144.5801	92.5914
2275	47.6052	126.2(16)	142.2689	92.6749
2276	47.6254	125.3(16)	139.6931	92.7601
2277	47.6452	126.2(16)	137.0491	92.8435
2278	47.6651	120.9(16)	134.3765	92.9274
2279	47.6852	117.1(16)	131.7291	93.0122
2280	47.7052	116.6(16)	129.2196	93.0965
2281	47.7252	118.6(16)	126.8700	93.1808
2282	47.7451	114.4(16)	124.7175	93.2647
2283	47.7652	112.9(16)	122.7405	93.3494
2284	47.7854	112.1(15)	120.9406	93.4346
2285	47.8052	111.6(16)	119.3441	93.5180
2286	47.8252	108.5(15)	117.8940	93.6023
2287	47.8451	110.4(15)	116.5912	93.6862
2288	47.8651	110.9(15)	115.4303	93.7705
2289	47.8851	108.0(15)	114.4310	93.8549
2290	47.9051	105.8(15)	113.6164	93.9392
2291	47.9251	105.6(15)	112.9903	94.0235
2292	47.9451	108.3(15)	112.5572	94.1078
2293	47.9652	107.7(15)	112.3375	94.1925
2294	47.9853	108.5(15)	112.3058	94.2773
2295	48.0052	107.3(15)	112.4581	94.3611
2296	48.0250	107.5(15)	112.7531	94.4446
2297	48.0450	104.8(15)	113.1939	94.5289
2298	48.0651	106.6(15)	113.7448	94.6137
2299	48.0851	105.4(15)	114.3791	94.6980
2300	48.1050	104.3(15)	115.0938	94.7819
2301	48.1251	108.8(15)	115.8464	94.8260
2302	48.1449	106.9(15)	116.6412	94.8518
2303	48.1650	106.4(15)	117.5359	94.8779
2304	48.1852	108.6(15)	118.5335	94.9041
2305	48.2052	109.9(15)	119.6471	94.9301
2306	48.2252	113.1(15)	120.9137	94.9560
2307	48.2453	111.7(15)	122.3510	94.9821
2308	48.2652	117.1(16)	123.9706	95.0080
2309	48.2852	120.7(16)	125.8031	95.0340
2310	48.3051	121.1(16)	127.8321	95.0598
2311	48.3252	124.3(16)	130.0755	95.0859
2312	48.3453	128.7(16)	132.4702	95.1120
2313	48.3650	131.6(17)	134.9605	95.1376
2314	48.3850	135.0(17)	137.5741	95.1636
2315	48.4050	140.5(17)	140.2411	95.1895
2316	48.4251	142.5(17)	142.9702	95.2156
2317	48.4453	145.5(18)	145.8082	95.2419
2318	48.4654	148.9(18)	148.7907	95.2680

2319	48.4851	152.6(18)	151.9922	95.2936
2320	48.5051	154.0(18)	155.5784	95.3195
2321	48.5251	160.5(19)	159.5332	95.3455
2322	48.5451	161.4(19)	163.8138	95.3715
2323	48.5651	168.8(19)	168.3003	95.3975
2324	48.5850	176.8(19)	172.7883	95.4233
2325	48.6050	183.1(20)	177.0435	95.4493
2326	48.6252	189(2)	180.7390	95.4755
2327	48.6452	187.8(20)	183.4465	95.5015
2328	48.6653	192(2)	184.9153	95.5276
2329	48.6854	195(2)	185.0027	95.5537
2330	48.7054	198(2)	183.7957	95.5797
2331	48.7251	190(2)	181.5903	95.6052
2332	48.7452	190(2)	178.6519	95.6313
2333	48.7652	187(2)	175.3947	95.6573
2334	48.7852	184.5(20)	172.1138	95.6833
2335	48.8053	182.9(20)	169.0237	95.7094
2336	48.8253	182.8(20)	166.3102	95.7354
2337	48.8454	179.6(20)	164.0290	95.7615
2338	48.8654	180.0(20)	162.1949	95.7874
2339	48.8852	177.8(19)	160.7522	95.8131
2340	48.9053	175.2(19)	159.5502	95.8393
2341	48.9253	172.8(19)	158.5328	95.8336
2342	48.9452	169.5(19)	157.6463	95.7709
2343	48.9653	170.3(19)	156.9608	95.7076
2344	48.9854	171.1(19)	156.5357	95.6442
2345	49.0052	171.5(19)	156.3947	95.5819
2346	49.0252	166.4(19)	156.5084	95.5188
2347	49.0452	165.6(19)	156.8199	95.4558
2348	49.0652	168.4(19)	157.2393	95.3928
2349	49.0851	170.2(19)	157.6866	95.3301
2350	49.1052	166.4(19)	158.1062	95.2668
2351	49.1252	164.9(19)	158.4631	95.2037
2352	49.1454	167.3(19)	158.7286	95.1401
2353	49.1654	168.0(19)	158.8780	95.0771
2354	49.1855	162.6(19)	158.8969	95.0137
2355	49.2054	162.6(19)	158.7483	94.9510
2356	49.2253	159.8(19)	158.4330	94.8883
2357	49.2452	159.2(18)	157.9458	94.8256
2358	49.2652	155.4(18)	157.3141	94.7626
2359	49.2852	155.9(18)	156.6185	94.6996
2360	49.3052	159.0(18)	155.9466	94.6366
2361	49.3252	155.2(18)	155.3895	94.5735
2362	49.3452	158.8(18)	154.9833	94.5105
2363	49.3652	159.1(18)	154.7222	94.4475
2364	49.3852	158.2(18)	154.5469	94.3845
2365	49.4052	161.8(19)	154.3704	94.3214
2366	49.4253	163.1(19)	154.0799	94.2581
2367	49.4453	160.0(19)	153.5648	94.1951
2368	49.4652	158.5(18)	152.7262	94.1324
2369	49.4851	156.1(18)	151.5245	94.0697
2370	49.5052	153.6(18)	149.9838	94.0064
2371	49.5253	150.4(18)	148.2348	93.9430
2372	49.5453	148.6(18)	146.4370	93.8800

2373	49.5654	147.4(18)	144.7276	93.8167
2374	49.5854	145.6(18)	143.2435	93.7536
2375	49.6054	145.5(18)	142.0563	93.6906
2376	49.6254	148.1(18)	141.2146	93.6276
2377	49.6454	149.2(18)	140.7254	93.5646
2378	49.6652	147.5(18)	140.5702	93.5022
2379	49.6852	148.1(18)	140.7398	93.4392
2380	49.7051	149.7(18)	141.2102	93.3765
2381	49.7252	152.6(18)	141.8948	93.2524
2382	49.7452	152.6(18)	142.7988	93.1254
2383	49.7652	158.3(18)	143.8383	92.9985
2384	49.7852	156.1(18)	144.9079	92.8715
2385	49.8052	158.2(18)	145.8921	92.7445
2386	49.8253	161.8(19)	146.6653	92.6169
2387	49.8451	157.5(18)	147.0863	92.4912
2388	49.8650	157.3(18)	147.0435	92.3649
2389	49.8850	157.0(18)	146.3997	92.2379
2390	49.9050	154.9(18)	145.1167	92.1110
2391	49.9251	148.6(18)	143.2295	91.9834
2392	49.9450	143.2(17)	140.8936	91.8570
2393	49.9651	142.5(17)	138.2219	91.7294
2394	49.9852	132.9(17)	135.3972	91.6018
2395	50.0052	128.9(17)	132.5595	91.4749
2396	50.0251	127.9(17)	129.8025	91.3485
2397	50.0451	123.0(16)	127.1925	91.2216
2398	50.0652	119.1(16)	124.7713	91.0940
2399	50.0852	120.9(16)	122.6109	90.9670
2400	50.1052	117.4(16)	120.7265	90.8401
2401	50.1251	113.6(16)	119.1388	90.7137
2402	50.1449	114.5(16)	117.8387	90.5880
2403	50.1648	112.5(15)	116.8020	90.4617
2404	50.1850	114.5(16)	116.0008	90.3335
2405	50.2050	112.8(16)	115.4188	90.2065
2406	50.2250	112.7(16)	115.0058	90.0795
2407	50.2450	114.7(16)	114.6725	89.9526
2408	50.2650	117.6(16)	114.3876	89.8256
2409	50.2851	114.5(16)	114.0484	89.6980
2410	50.3050	115.7(16)	113.5719	89.5717
2411	50.3250	111.7(15)	112.8971	89.4447
2412	50.3450	111.8(15)	112.0163	89.3177
2413	50.3650	110.1(15)	110.9588	89.1908
2414	50.3850	107.9(15)	109.7786	89.0638
2415	50.4051	104.9(15)	108.5555	88.9362
2416	50.4252	105.4(15)	107.3533	88.8086
2417	50.4454	103.3(15)	106.2569	88.6804
2418	50.4654	102.7(15)	105.3271	88.5534
2419	50.4854	101.5(15)	104.5853	88.4264
2420	50.5054	104.5(15)	104.0595	88.2995
2421	50.5253	101.5(15)	103.7507	88.1732
2422	50.5453	102.0(15)	103.5850	87.9915
2423	50.5652	102.2(15)	103.5611	87.7751
2424	50.5851	101.0(15)	103.6469	87.5589
2425	50.6051	100.9(15)	103.8382	87.3414
2426	50.6251	104.1(15)	104.0610	87.1240

2427	50.6452	101.2(15)	104.2675	86.9056
2428	50.6652	103.5(15)	104.4167	86.6881
2429	50.6851	102.0(15)	104.4903	86.4718
2430	50.7050	99.4(15)	104.4736	86.2555
2431	50.7249	101.6(15)	104.3714	86.0392
2432	50.7450	100.8(15)	104.1936	85.8207
2433	50.7649	101.7(15)	103.9691	85.6044
2434	50.7850	96.9(14)	103.7253	85.3859
2435	50.8051	99.3(15)	103.5202	85.1674
2436	50.8251	99.8(15)	103.4063	84.9500
2437	50.8452	98.5(15)	103.4211	84.7315
2438	50.8652	99.3(15)	103.6256	84.5141
2439	50.8852	103.8(15)	104.0574	84.2967
2440	50.9052	108.4(15)	104.7434	84.0793
2441	50.9254	108.9(15)	105.7022	83.8597
2442	50.9454	108.0(15)	106.9024	83.6423
2443	50.9654	107.2(15)	108.3086	83.4249
2444	50.9854	109.2(15)	109.8672	83.2075
2445	51.0055	107.2(15)	111.5030	82.9890
2446	51.0254	110.9(15)	113.1098	82.7728
2447	51.0455	112.1(16)	114.6419	82.5543
2448	51.0654	112.4(15)	116.0104	82.3437
2449	51.0851	115.9(16)	117.2524	82.2242
2450	51.1052	114.3(16)	118.2735	82.1022
2451	51.1252	114.0(16)	119.0059	81.9809
2452	51.1454	115.8(16)	119.4204	81.8583
2453	51.1654	112.4(15)	119.4675	81.7370
2454	51.1853	114.6(16)	119.1169	81.6162
2455	51.2052	111.9(16)	118.3629	81.4955
2456	51.2252	111.7(16)	117.2132	81.3742
2457	51.2451	105.4(15)	115.7356	81.2534
2458	51.2650	111.4(15)	113.9984	81.1327
2459	51.2850	108.2(15)	112.0686	81.0113
2460	51.3050	104.7(15)	110.0377	80.8900
2461	51.3251	102.5(15)	107.9531	80.7680
2462	51.3452	105.0(15)	105.8791	80.6461
2463	51.3652	100.2(15)	103.8631	80.5247
2464	51.3853	100.1(15)	101.9426	80.4028
2465	51.4052	97.5(14)	100.1947	80.2821
2466	51.4253	98.2(15)	98.5990	80.1601
2467	51.4451	94.2(14)	97.2142	80.0400
2468	51.4652	95.0(14)	95.9927	79.9180
2469	51.4852	94.1(14)	94.9751	79.7967
2470	51.5052	93.1(14)	94.1269	79.6753
2471	51.5252	93.7(14)	93.4283	79.5540
2472	51.5451	94.4(14)	92.8657	79.4332
2473	51.5653	90.3(14)	92.3944	79.3107
2474	51.5853	91.3(14)	91.9996	79.1893
2475	51.6053	92.5(14)	91.6645	79.0680
2476	51.6253	90.2(14)	91.3714	78.9467
2477	51.6452	91.7(14)	91.1065	78.8259
2478	51.6652	88.3(14)	90.8818	78.7046
2479	51.6852	87.7(14)	90.6925	78.5832
2480	51.7052	92.2(14)	90.5512	78.4619

2481	51.7252	88.6(14)	90.4661	78.3405
2482	51.7452	87.2(14)	90.4788	78.2739
2483	51.7652	86.5(14)	90.6005	78.2437
2484	51.7853	87.2(14)	90.7844	78.2133
2485	51.8052	90.4(14)	91.0126	78.1833
2486	51.8253	87.9(14)	91.2993	78.1530
2487	51.8451	87.2(14)	91.6269	78.1231
2488	51.8651	90.3(14)	91.9904	78.0929
2489	51.8851	90.1(14)	92.4103	78.0627
2490	51.9050	89.7(14)	92.8879	78.0326
2491	51.9251	92.5(14)	93.4385	78.0023
2492	51.9452	91.4(14)	94.0502	77.9719
2493	51.9652	89.2(14)	94.6676	77.9417
2494	51.9852	89.5(14)	95.4037	77.9116
2495	52.0052	93.2(14)	96.1681	77.8814
2496	52.0250	90.7(14)	96.9431	77.8515
2497	52.0451	92.7(14)	97.6895	77.8211
2498	52.0651	90.9(14)	98.3830	77.7909
2499	52.0850	90.3(14)	98.9995	77.7609
2500	52.1051	91.3(14)	99.5340	77.7305
2501	52.1250	92.8(14)	99.9449	77.7005
2502	52.1450	92.8(14)	100.2695	77.6703
2503	52.1650	93.2(14)	100.4878	77.6401
2504	52.1852	91.1(14)	100.6391	77.6096
2505	52.2052	94.8(14)	100.7213	77.5794
2506	52.2252	95.8(14)	100.8049	77.5492
2507	52.2453	95.4(14)	100.8921	77.5189
2508	52.2652	92.3(14)	100.9960	77.4888
2509	52.2851	93.2(14)	101.1201	77.4588
2510	52.3052	92.4(14)	101.2599	77.4284
2511	52.3252	94.6(14)	101.4061	77.3982
2512	52.3452	94.1(14)	101.5418	77.3680
2513	52.3651	94.1(14)	101.6692	77.3380
2514	52.3850	95.9(14)	101.7889	77.3080
2515	52.4050	96.9(14)	101.9002	77.2778
2516	52.4252	95.9(14)	101.9900	77.2473
2517	52.4452	96.4(14)	102.0718	77.2171
2518	52.4654	94.1(14)	102.1006	77.1866
2519	52.4851	94.7(14)	102.0468	77.1568
2520	52.5051	94.2(14)	101.8740	77.1266
2521	52.5251	93.9(14)	101.5471	77.0965
2522	52.5451	94.1(14)	101.0436	77.0663
2523	52.5651	93.0(14)	100.3750	77.0361
2524	52.5850	92.3(14)	99.5746	77.0060
2525	52.6050	90.8(14)	98.6828	76.9758
2526	52.6252	89.1(14)	97.7526	76.9453
2527	52.6452	89.7(14)	96.8780	76.9151
2528	52.6654	86.8(14)	96.0981	76.8846
2529	52.6854	82.9(13)	95.4641	76.8544
2530	52.7053	87.3(14)	95.0224	76.8244
2531	52.7251	88.8(14)	94.8094	76.8229
2532	52.7452	88.0(14)	94.8058	76.8308
2533	52.7652	87.6(14)	94.9968	76.8387
2534	52.7852	86.9(14)	95.3495	76.8466

2535	52.8053	88.6(14)	95.8335	76.8545
2536	52.8254	89.7(14)	96.3969	76.8624
2537	52.8454	92.3(14)	96.9811	76.8703
2538	52.8654	89.7(14)	97.5327	76.8782
2539	52.8852	92.4(14)	98.0276	76.8860
2540	52.9052	92.1(14)	98.4329	76.8939
2541	52.9254	94.5(14)	98.7056	76.9019
2542	52.9452	96.1(14)	98.8358	76.9097
2543	52.9653	91.2(14)	98.8127	76.9176
2544	52.9853	95.7(14)	98.6481	76.9255
2545	53.0052	90.9(14)	98.3758	76.9333
2546	53.0253	94.5(14)	98.0559	76.9412
2547	53.0452	93.1(14)	97.7431	76.9491
2548	53.0652	90.3(14)	97.4758	76.9570
2549	53.0851	91.1(14)	97.3117	76.9648
2550	53.1051	90.0(14)	97.2550	76.9727
2551	53.1252	90.1(14)	97.2866	76.9806
2552	53.1454	92.7(14)	97.3881	76.9886
2553	53.1654	92.9(14)	97.5117	76.9965
2554	53.1854	91.4(14)	97.6249	77.0044
2555	53.2054	91.4(14)	97.6927	77.0123
2556	53.2254	89.5(14)	97.7144	77.0201
2557	53.2452	92.7(14)	97.6890	77.0280
2558	53.2652	90.3(14)	97.6200	77.0358
2559	53.2852	88.9(14)	97.5089	77.0437
2560	53.3052	91.0(14)	97.3591	77.0516
2561	53.3252	88.0(14)	97.1647	77.0595
2562	53.3452	88.2(14)	96.9219	77.0674
2563	53.3653	89.8(14)	96.6320	77.0753
2564	53.3852	90.0(14)	96.3166	77.0832
2565	53.4053	88.8(14)	95.9836	77.0911
2566	53.4252	90.1(14)	95.6647	77.0989
2567	53.4453	89.3(14)	95.3575	77.1069
2568	53.4651	89.3(14)	95.0879	77.1147
2569	53.4852	89.4(14)	94.8655	77.1226
2570	53.5052	92.5(14)	94.6895	77.1305
2571	53.5252	87.0(14)	94.5413	77.1384
2572	53.5453	88.2(14)	94.4144	77.1463
2573	53.5654	88.7(14)	94.2941	77.1542
2574	53.5854	88.5(14)	94.1661	77.1621
2575	53.6055	88.8(14)	94.0160	77.1700
2576	53.6253	88.8(14)	93.8452	77.1778
2577	53.6455	91.9(14)	93.6381	77.1858
2578	53.6651	88.4(14)	93.4034	77.1935
2579	53.6852	87.7(14)	93.1284	77.2015
2580	53.7052	87.3(14)	92.8298	77.2123
2581	53.7251	85.2(14)	92.5172	77.2254
2582	53.7453	85.7(14)	92.1959	77.2388
2583	53.7651	84.8(13)	91.8943	77.2518
2584	53.7852	89.3(14)	91.6149	77.2651
2585	53.8052	88.0(14)	91.3786	77.2783
2586	53.8253	86.6(14)	91.1969	77.2916
2587	53.8451	90.4(14)	91.0839	77.3047
2588	53.8650	89.4(14)	91.0481	77.3178

2589	53.8850	90.2(14)	91.1040	77.3311
2590	53.9050	91.1(14)	91.2642	77.3443
2591	53.9250	90.7(14)	91.5362	77.3575
2592	53.9450	90.4(14)	91.9375	77.3707
2593	53.9651	90.9(14)	92.4669	77.3840
2594	53.9852	91.5(14)	93.1140	77.3972
2595	54.0052	89.7(14)	93.8557	77.4105
2596	54.0251	92.3(14)	94.6628	77.4236
2597	54.0451	90.7(14)	95.5037	77.4368
2598	54.0652	90.2(14)	96.3381	77.4501
2599	54.0852	94.1(14)	97.1138	77.4633
2600	54.1051	91.9(14)	97.7744	77.4765
2601	54.1251	95.2(14)	98.2892	77.4897
2602	54.1449	93.6(14)	98.6267	77.5028
2603	54.1648	97.0(15)	98.8058	77.5159
2604	54.1849	95.9(14)	98.8289	77.5292
2605	54.2050	96.9(14)	98.7455	77.5425
2606	54.2250	100.1(15)	98.6037	77.5557
2607	54.2450	97.2(14)	98.4411	77.5689
2608	54.2650	95.1(14)	98.2929	77.5821
2609	54.2850	97.2(15)	98.1721	77.5953
2610	54.3050	99.8(15)	98.0815	77.6085
2611	54.3250	97.6(15)	98.0254	77.6217
2612	54.3450	103.1(15)	97.9933	77.6349
2613	54.3650	96.7(14)	97.9830	77.6482
2614	54.3850	101.0(15)	97.9924	77.6614
2615	54.4051	98.7(15)	98.0149	77.6746
2616	54.4252	100.1(15)	98.0830	77.6879
2617	54.4454	98.9(15)	98.1916	77.7013
2618	54.4654	98.4(15)	98.3498	77.7145
2619	54.4854	101.8(15)	98.5661	77.7277
2620	54.5054	101.2(15)	98.8461	77.7409
2621	54.5253	98.7(15)	99.1927	77.7541
2622	54.5453	99.9(15)	99.6182	77.7673
2623	54.5652	103.7(15)	100.0944	77.7804
2624	54.5851	103.1(15)	100.6605	77.7936
2625	54.6051	108.9(15)	101.3025	77.8068
2626	54.6252	108.8(15)	102.0105	77.8201
2627	54.6452	109.9(15)	102.7489	77.8333
2628	54.6651	108.7(15)	103.4766	77.8464
2629	54.6851	110.2(15)	104.1464	77.8596
2630	54.7050	111.7(16)	104.6928	77.8728
2631	54.7250	114.7(16)	105.0720	77.8860
2632	54.7450	111.7(15)	105.2542	77.8992
2633	54.7649	110.9(15)	105.2389	77.9123
2634	54.7850	113.5(16)	105.0537	77.9256
2635	54.8050	108.7(15)	104.7381	77.9388
2636	54.8252	109.3(15)	104.3300	77.9522
2637	54.8451	110.3(15)	103.8788	77.9653
2638	54.8652	110.1(15)	103.3998	77.9720
2639	54.8852	106.5(15)	102.9239	77.9721
2640	54.9053	108.2(15)	102.4802	77.9721
2641	54.9254	109.1(15)	102.0890	77.9721
2642	54.9454	109.1(15)	101.7846	77.9722

2643	54.9654	107.5(15)	101.5906	77.9722
2644	54.9854	107.2(15)	101.5463	77.9722
2645	55.0055	111.3(16)	101.6916	77.9723
2646	55.0254	108.8(15)	102.0372	77.9723
2647	55.0455	110.4(15)	102.6040	77.9723
2648	55.0652	112.9(16)	103.3653	77.9724
2649	55.0852	114.6(16)	104.3108	77.9724
2650	55.1052	120.8(16)	105.3873	77.9725
2651	55.1253	121.7(16)	106.5355	77.9725
2652	55.1454	121.3(16)	107.6715	77.9725
2653	55.1654	128.0(17)	108.7067	77.9726
2654	55.1853	125.0(16)	109.5682	77.9726
2655	55.2053	127.1(17)	110.2169	77.9726
2656	55.2252	124.3(16)	110.6106	77.9727
2657	55.2451	122.3(16)	110.7398	77.9727
2658	55.2650	121.6(16)	110.6032	77.9727
2659	55.2850	118.2(16)	110.2056	77.9728
2660	55.3051	116.1(16)	109.5638	77.9728
2661	55.3251	113.2(16)	108.7209	77.9729
2662	55.3452	109.6(15)	107.7219	77.9729
2663	55.3652	111.4(16)	106.6371	77.9729
2664	55.3853	105.3(15)	105.5184	77.9730
2665	55.4052	102.6(15)	104.4286	77.9730
2666	55.4253	103.5(15)	103.3770	77.9730
2667	55.4452	100.7(15)	102.3985	77.9731
2668	55.4652	101.3(15)	101.4710	77.9731
2669	55.4852	99.0(15)	100.5911	77.9731
2670	55.5053	100.3(15)	99.7246	77.9732
2671	55.5251	97.8(15)	98.8672	77.9732
2672	55.5452	99.8(15)	97.9787	77.9733
2673	55.5653	98.6(15)	97.0682	77.9733
2674	55.5853	95.3(14)	96.1515	77.9733
2675	55.6054	94.0(14)	95.2384	77.9734
2676	55.6252	93.1(14)	94.3850	77.9734
2677	55.6452	93.2(14)	93.5962	77.9734
2678	55.6652	90.4(14)	92.9126	77.9735
2679	55.6852	91.7(14)	92.3530	77.9735
2680	55.7052	93.4(14)	91.9361	77.9735
2681	55.7252	92.5(14)	91.6809	77.9736
2682	55.7452	95.1(14)	91.5926	77.9736
2683	55.7652	91.6(14)	91.6737	77.9736
2684	55.7853	93.9(14)	91.9244	77.9737
2685	55.8052	95.0(14)	92.3288	77.9737
2686	55.8252	97.2(15)	92.9007	77.9738
2687	55.8451	97.0(15)	93.6064	77.9738
2688	55.8651	96.2(14)	94.4426	77.9738
2689	55.8851	103.3(15)	95.4017	77.9739
2690	55.9050	98.4(15)	96.4617	77.9739
2691	55.9251	98.6(15)	97.6331	77.9739
2692	55.9452	101.6(15)	98.8919	77.9740
2693	55.9652	105.1(15)	100.2010	77.9663
2694	55.9852	100.5(15)	101.5289	77.9444
2695	56.0051	104.2(15)	102.8405	77.9226
2696	56.0251	106.0(15)	104.0962	77.9007

2697	56.0451	109.9(15)	105.2289	77.8788
2698	56.0650	108.0(15)	106.1706	77.8570
2699	56.0851	111.0(15)	106.8751	77.8349
2700	56.1050	107.8(15)	107.3102	77.8131
2701	56.1250	108.3(15)	107.4746	77.7912
2702	56.1450	105.9(15)	107.4011	77.7693
2703	56.1650	106.1(15)	107.1166	77.7474
2704	56.1851	105.2(15)	106.6772	77.7253
2705	56.2052	104.6(15)	106.1263	77.7033
2706	56.2253	102.1(15)	105.4905	77.6813
2707	56.2453	102.5(15)	104.7923	77.6594
2708	56.2652	101.1(15)	104.0491	77.6376
2709	56.2852	98.5(15)	103.2756	77.6156
2710	56.3051	95.0(14)	102.5113	77.5938
2711	56.3253	98.8(15)	101.7655	77.5717
2712	56.3452	98.2(15)	101.1173	77.5499
2713	56.3651	96.0(14)	100.5697	77.5281
2714	56.3850	95.7(14)	100.1358	77.5063
2715	56.4050	95.9(14)	99.8216	77.4843
2716	56.4252	95.4(14)	99.6225	77.4622
2717	56.4452	94.3(14)	99.5454	77.4403
2718	56.4654	94.7(14)	99.5900	77.4181
2719	56.4851	96.1(14)	99.7588	77.3965
2720	56.5051	94.8(14)	100.0725	77.3746
2721	56.5251	94.0(14)	100.5447	77.3527
2722	56.5451	95.1(14)	101.1934	77.3308
2723	56.5651	97.6(15)	102.0110	77.3089
2724	56.5850	96.4(14)	102.9906	77.2871
2725	56.6051	95.6(14)	104.1171	77.2650
2726	56.6251	98.7(15)	105.3333	77.2431
2727	56.6453	102.8(15)	106.5938	77.2210
2728	56.6653	105.1(15)	107.8003	77.1991
2729	56.6854	107.4(15)	108.8891	77.1770
2730	56.7053	108.5(15)	109.7627	77.1552
2731	56.7252	112.9(16)	110.3608	77.1334
2732	56.7452	112.1(16)	110.6381	77.1115
2733	56.7652	112.0(16)	110.5707	77.0896
2734	56.7852	107.0(15)	110.1742	77.0677
2735	56.8053	106.9(15)	109.4833	77.0456
2736	56.8254	103.5(15)	108.5534	77.0236
2737	56.8454	100.7(15)	107.4404	77.0010
2738	56.8654	99.4(15)	106.1867	76.9683
2739	56.8852	99.0(15)	104.8458	76.9359
2740	56.9052	95.4(14)	103.4192	76.9032
2741	56.9254	93.1(14)	101.9339	76.8702
2742	56.9452	91.1(14)	100.4684	76.8378
2743	56.9653	88.5(14)	99.0089	76.8049
2744	56.9853	87.9(14)	97.6310	76.7722
2745	57.0053	86.4(14)	96.3669	76.7395
2746	57.0253	85.3(14)	95.2559	76.7068
2747	57.0452	85.0(14)	94.3259	76.6742
2748	57.0652	82.3(13)	93.5937	76.6415
2749	57.0851	83.9(13)	93.0574	76.6090
2750	57.1052	82.8(14)	92.7165	76.5761

2751	57.1252	84.9(14)	92.5605	76.5434
2752	57.1455	88.1(14)	92.5750	76.5102
2753	57.1654	88.7(14)	92.7248	76.4776
2754	57.1855	82.9(13)	92.9769	76.4447
2755	57.2054	85.4(14)	93.2828	76.4122
2756	57.2253	89.5(14)	93.5975	76.3796
2757	57.2452	87.9(14)	93.8719	76.3471
2758	57.2654	90.2(14)	94.0628	76.3140
2759	57.2851	88.6(14)	94.1292	76.2818
2760	57.3052	88.5(14)	94.0518	76.2489
2761	57.3252	89.2(14)	93.8194	76.2162
2762	57.3452	90.8(14)	93.4398	76.1835
2763	57.3653	89.5(14)	92.9223	76.1506
2764	57.3854	90.2(14)	92.2918	76.1178
2765	57.4052	88.0(14)	91.5885	76.0854
2766	57.4253	88.2(14)	90.8224	76.0525
2767	57.4453	86.8(14)	90.0567	76.0198
2768	57.4652	88.0(14)	89.3242	75.9872
2769	57.4851	86.8(14)	88.6691	75.9547
2770	57.5053	86.1(14)	88.0882	75.9216
2771	57.5252	87.2(14)	87.6342	75.8891
2772	57.5454	85.5(14)	87.3124	75.8561
2773	57.5653	85.2(14)	87.1460	75.8235
2774	57.5854	86.1(14)	87.1291	75.7906
2775	57.6055	87.0(14)	87.2698	75.7578
2776	57.6254	86.4(14)	87.5572	75.7252
2777	57.6454	87.5(14)	87.9844	75.6925
2778	57.6652	88.9(14)	88.5376	75.6658
2779	57.6852	88.2(14)	89.2054	75.6412
2780	57.7052	88.9(14)	89.9602	75.6167
2781	57.7252	89.6(14)	90.7700	75.5921
2782	57.7451	91.7(14)	91.5949	75.5677
2783	57.7652	93.6(14)	92.4099	75.5430
2784	57.7852	93.6(14)	93.1638	75.5184
2785	57.8052	96.1(14)	93.8193	75.4939
2786	57.8252	94.1(14)	94.3565	75.4693
2787	57.8451	94.9(14)	94.7640	75.4449
2788	57.8650	92.7(14)	95.0647	75.4204
2789	57.8850	92.3(14)	95.2792	75.3959
2790	57.9050	92.0(14)	95.4416	75.3713
2791	57.9250	91.9(14)	95.5808	75.3468
2792	57.9450	91.6(14)	95.7433	75.3222
2793	57.9651	91.6(14)	95.9417	75.2975
2794	57.9852	91.4(14)	96.1944	75.2728
2795	58.0052	92.6(14)	96.4984	75.2483
2796	58.0251	94.2(14)	96.8501	75.2238
2797	58.0451	93.5(14)	97.2474	75.1993
2798	58.0651	94.1(14)	97.6794	75.1747
2799	58.0852	93.9(14)	98.1512	75.1500
2800	58.1051	95.9(14)	98.6484	75.1256
2801	58.1250	95.7(14)	99.1723	75.1012
2802	58.1449	95.6(14)	99.7059	75.0767
2803	58.1648	98.8(15)	100.2395	75.0523
2804	58.1849	97.2(15)	100.7542	75.0276

2805	58.2050	100.0(15)	101.2261	75.0029
2806	58.2250	97.9(15)	101.6204	74.9783
2807	58.2450	96.6(14)	101.9051	74.9538
2808	58.2650	100.2(15)	102.0747	74.9292
2809	58.2850	103.7(15)	102.1029	74.9047
2810	58.3050	102.7(15)	101.9811	74.8869
2811	58.3250	101.3(15)	101.7178	74.8909
2812	58.3450	99.8(15)	101.2976	74.8948
2813	58.3649	100.9(15)	100.7269	74.8988
2814	58.3849	101.0(15)	100.0410	74.9027
2815	58.4051	98.2(15)	99.2528	74.9067
2816	58.4252	99.3(15)	98.4072	74.9106
2817	58.4454	97.5(15)	97.5357	74.9146
2818	58.4654	94.3(14)	96.6890	74.9185
2819	58.4854	93.3(14)	95.9007	74.9225
2820	58.5054	91.9(14)	95.1924	74.9264
2821	58.5252	92.0(14)	94.5927	74.9303
2822	58.5453	91.9(14)	94.0885	74.9343
2823	58.5652	91.1(14)	93.6887	74.9382
2824	58.5851	91.3(14)	93.3695	74.9421
2825	58.6051	87.8(14)	93.1048	74.9461
2826	58.6252	90.9(14)	92.8637	74.9500
2827	58.6453	88.6(14)	92.6145	74.9540
2828	58.6651	88.9(14)	92.3309	74.9579
2829	58.6851	86.9(14)	91.9849	74.9618
2830	58.7051	89.3(14)	91.5695	74.9658
2831	58.7249	87.7(14)	91.0860	74.9697
2832	58.7449	86.1(14)	90.5456	74.9736
2833	58.7649	86.5(14)	89.9630	74.9776
2834	58.7849	84.3(14)	89.3747	74.9815
2835	58.8050	84.0(14)	88.7983	74.9855
2836	58.8252	83.9(14)	88.2536	74.9894
2837	58.8451	84.7(14)	87.7575	74.9934
2838	58.8651	85.0(14)	87.3089	74.9973
2839	58.8852	83.3(14)	86.9107	75.0013
2840	58.9053	85.6(14)	86.5656	75.0052
2841	58.9254	87.0(14)	86.2735	75.0092
2842	58.9453	81.5(13)	86.0339	75.0131
2843	58.9654	84.0(13)	85.8419	75.0171
2844	58.9854	81.0(13)	85.7024	75.0210
2845	59.0055	85.4(14)	85.6137	75.0250
2846	59.0255	84.9(14)	85.5776	75.0289
2847	59.0454	81.0(13)	85.5928	75.0328
2848	59.0652	84.0(14)	85.6569	75.0367
2849	59.0851	86.5(14)	85.7658	75.0406
2850	59.1052	82.9(13)	85.9142	75.0446
2851	59.1252	85.1(14)	86.1004	75.0580
2852	59.1453	81.3(13)	86.3069	75.0725
2853	59.1653	86.6(14)	86.5201	75.0870
2854	59.1852	82.0(13)	86.7281	75.1014
2855	59.2052	85.2(14)	86.9170	75.1159
2856	59.2252	85.6(14)	87.0995	75.1303
2857	59.2451	84.9(14)	87.2616	75.1447
2858	59.2649	86.6(14)	87.4085	75.1590

2859	59.2850	87.2(14)	87.5347	75.1735
2860	59.3051	87.5(14)	87.6406	75.1881
2861	59.3251	85.8(14)	87.7237	75.2025
2862	59.3451	90.2(14)	87.7799	75.2170
2863	59.3651	88.1(14)	87.8109	75.2315
2864	59.3853	91.3(14)	87.8172	75.2461
2865	59.4052	85.5(14)	87.8148	75.2605
2866	59.4252	88.9(14)	87.8152	75.2749
2867	59.4452	88.3(14)	87.8316	75.2894
2868	59.4653	90.8(14)	87.8860	75.3039
2869	59.4852	89.3(14)	87.9881	75.3183
2870	59.5052	90.1(14)	88.1496	75.3327
2871	59.5251	90.8(14)	88.3716	75.3471
2872	59.5451	89.4(14)	88.6544	75.3616
2873	59.5653	91.8(14)	88.9974	75.3762
2874	59.5854	91.4(14)	89.3814	75.3907
2875	59.6053	93.2(14)	89.7924	75.4051
2876	59.6252	90.5(14)	90.2157	75.4195
2877	59.6452	92.7(14)	90.6342	75.4340
2878	59.6652	92.7(14)	91.0283	75.4484
2879	59.6852	91.0(14)	91.3846	75.4629
2880	59.7051	94.9(14)	91.6903	75.4773
2881	59.7253	94.3(14)	91.9483	75.4919
2882	59.7452	95.5(14)	92.1511	75.5063
2883	59.7651	93.9(14)	92.3197	75.5207
2884	59.7854	90.9(14)	92.4687	75.5353
2885	59.8052	92.3(14)	92.6105	75.5496
2886	59.8252	92.9(14)	92.7722	75.5641
2887	59.8451	93.2(14)	92.9685	75.5785
2888	59.8651	93.8(14)	93.2193	75.5930
2889	59.8850	92.8(14)	93.5285	75.6073
2890	59.9051	94.1(14)	93.9006	75.6219
2891	59.9251	96.8(15)	94.3184	75.6363
2892	59.9452	97.7(15)	94.7691	75.6509
2893	59.9652	99.0(15)	95.2229	75.6653
2894	59.9852	100.4(15)	95.6624	75.6798
2895	60.0052	100.5(15)	96.0608	75.6942
2896	60.0251	104.0(15)	96.4178	75.7086
2897	60.0450	103.5(15)	96.7144	75.7230
2898	60.0650	105.7(15)	96.9627	75.7375
2899	60.0851	104.1(15)	97.1510	75.7520
2900	60.1051	104.4(15)	97.2682	75.7665
2901	60.1251	106.5(15)	97.3007	75.7809
2902	60.1449	104.6(15)	97.2498	75.7952
2903	60.1651	105.3(15)	97.0963	75.8099
2904	60.1851	103.1(15)	96.8364	75.8243
2905	60.2052	102.7(15)	96.4767	75.8382
2906	60.2254	101.3(15)	96.0304	75.8520
2907	60.2452	102.3(15)	95.5414	75.8655
2908	60.2652	102.4(15)	95.0318	75.8791
2909	60.2852	103.3(15)	94.5461	75.8927
2910	60.3052	96.4(14)	94.1231	75.9063
2911	60.3253	99.2(15)	93.8007	75.9200
2912	60.3452	97.7(15)	93.5942	75.9336

2913	60.3650	95.0(14)	93.5182	75.9470
2914	60.3850	100.4(15)	93.5720	75.9607
2915	60.4051	98.1(15)	93.7618	75.9743
2916	60.4252	96.3(15)	94.0594	75.9880
2917	60.4452	100.7(15)	94.4364	76.0017
2918	60.4652	98.7(15)	94.8525	76.0153
2919	60.4852	100.1(15)	95.2658	76.0289
2920	60.5051	102.9(15)	95.6253	76.0424
2921	60.5251	103.5(15)	95.8871	76.0561
2922	60.5451	103.1(15)	96.0044	76.0697
2923	60.5650	102.6(15)	95.9500	76.0832
2924	60.5851	101.0(15)	95.7143	76.0969
2925	60.6051	101.2(15)	95.3092	76.1106
2926	60.6252	100.2(15)	94.7535	76.1242
2927	60.6452	98.4(15)	94.0909	76.1379
2928	60.6654	94.5(14)	93.3467	76.1516
2929	60.6854	93.1(14)	92.5766	76.1652
2930	60.7054	92.3(14)	91.8042	76.1789
2931	60.7252	90.5(14)	91.0613	76.1923
2932	60.7451	90.8(14)	90.3565	76.2059
2933	60.7652	88.2(14)	89.6979	76.2196
2934	60.7852	88.1(14)	89.1059	76.2332
2935	60.8054	88.5(14)	88.5766	76.2470
2936	60.8254	87.1(14)	88.1219	76.2606
2937	60.8454	84.4(14)	87.7372	76.2742
2938	60.8654	86.3(14)	87.4164	76.2878
2939	60.8852	83.5(14)	87.1590	76.3013
2940	60.9053	86.3(14)	86.9550	76.3150
2941	60.9254	86.4(14)	86.8057	76.3287
2942	60.9453	83.9(14)	86.6984	76.3422
2943	60.9653	84.3(14)	86.6346	76.3559
2944	60.9853	85.8(14)	86.6047	76.3695
2945	61.0054	87.1(14)	86.6056	76.3832
2946	61.0252	83.4(13)	86.6305	76.3966
2947	61.0454	87.9(14)	86.6873	76.4104
2948	61.0652	87.1(14)	86.7811	76.4239
2949	61.0851	86.6(14)	86.9245	76.4374
2950	61.1051	88.0(14)	87.1264	76.4446
2951	61.1254	86.3(14)	87.3977	76.4437
2952	61.1454	85.6(14)	87.7520	76.4427
2953	61.1654	85.3(14)	88.2002	76.4418
2954	61.1855	89.2(14)	88.7535	76.4409
2955	61.2054	87.6(14)	89.3995	76.4400
2956	61.2254	90.7(14)	90.1485	76.4391
2957	61.2453	87.7(14)	90.9865	76.4382
2958	61.2652	88.6(14)	91.9050	76.4372
2959	61.2852	87.3(14)	92.8958	76.4363
2960	61.3052	90.8(14)	93.9359	76.4354
2961	61.3252	93.4(14)	95.0031	76.4345
2962	61.3454	95.7(15)	96.0821	76.4336
2963	61.3652	94.0(14)	97.1173	76.4327
2964	61.3854	96.8(15)	98.1260	76.4317
2965	61.4052	95.6(15)	99.0451	76.4308
2966	61.4254	95.1(14)	99.8905	76.4299

2967	61.4452	97.7(15)	100.6060	76.4290
2968	61.4652	96.6(15)	101.1855	76.4281
2969	61.4852	98.3(15)	101.5894	76.4272
2970	61.5054	98.8(15)	101.8178	76.4262
2971	61.5252	98.9(15)	101.8549	76.4253
2972	61.5453	101.5(15)	101.6970	76.4244
2973	61.5654	98.3(15)	101.3660	76.4235
2974	61.5854	96.7(14)	100.8952	76.4226
2975	61.6054	100.3(15)	100.3157	76.4216
2976	61.6254	97.8(15)	99.6618	76.4207
2977	61.6452	96.9(15)	98.9716	76.4198
2978	61.6653	98.5(15)	98.2590	76.4189
2979	61.6852	94.4(14)	97.5699	76.4180
2980	61.7051	96.7(15)	96.9023	76.4171
2981	61.7252	97.3(15)	96.2735	76.4162
2982	61.7452	94.8(14)	95.7028	76.4152
2983	61.7652	96.2(14)	95.1954	76.4143
2984	61.7853	94.4(14)	94.7562	76.4134
2985	61.8052	95.6(14)	94.3961	76.4125
2986	61.8252	93.8(14)	94.1129	76.4116
2987	61.8451	94.9(14)	93.9014	76.4107
2988	61.8651	91.1(14)	93.7512	76.4097
2989	61.8850	92.5(14)	93.6521	76.4088
2990	61.9051	91.6(14)	93.5868	76.4079
2991	61.9250	90.7(14)	93.5360	76.4070
2992	61.9451	89.0(14)	93.4863	76.4061
2993	61.9651	90.2(14)	93.4169	76.4052
2994	61.9852	89.4(14)	93.3107	76.4042
2995	62.0051	86.7(14)	93.1609	76.4033
2996	62.0251	87.8(14)	92.9526	76.4024
2997	62.0452	88.6(14)	92.6870	76.4015
2998	62.0651	87.2(14)	92.3742	76.4006
2999	62.0852	89.3(14)	92.0193	76.3996
3000	62.1052	86.7(14)	91.6416	76.3961
3001	62.1250	85.9(14)	91.2633	76.3867
3002	62.1449	86.1(14)	90.9060	76.3772
3003	62.1649	84.9(14)	90.5890	76.3676
3004	62.1849	85.3(14)	90.3295	76.3581
3005	62.2050	86.2(14)	90.1403	76.3485
3006	62.2250	87.0(14)	90.0268	76.3389
3007	62.2450	86.9(14)	89.9922	76.3294
3008	62.2649	87.2(14)	90.0278	76.3199
3009	62.2850	87.7(14)	90.1274	76.3103
3010	62.3050	86.8(14)	90.2783	76.3007
3011	62.3250	87.4(14)	90.4663	76.2912
3012	62.3450	85.3(14)	90.6701	76.2816
3013	62.3649	87.2(14)	90.8844	76.2721
3014	62.3849	85.2(14)	91.1004	76.2626
3015	62.4051	89.0(14)	91.2972	76.2529
3016	62.4252	90.1(14)	91.4730	76.2433
3017	62.4454	88.3(14)	91.6238	76.2337
3018	62.4654	92.6(14)	91.7415	76.2241
3019	62.4853	89.0(14)	91.8242	76.2146
3020	62.5054	92.7(14)	91.8652	76.2050

3021	62.5253	92.1(14)	91.8581	76.1955
3022	62.5452	92.3(14)	91.7989	76.1860
3023	62.5651	91.1(14)	91.6869	76.1765
3024	62.5851	90.5(14)	91.5236	76.1670
3025	62.6051	93.0(14)	91.3166	76.1574
3026	62.6252	89.4(14)	91.0744	76.1478
3027	62.6452	88.7(14)	90.8110	76.1383
3028	62.6651	88.6(14)	90.5375	76.1288
3029	62.6851	90.5(14)	90.2598	76.1192
3030	62.7050	90.3(14)	89.9866	76.1097
3031	62.7249	86.7(14)	89.7183	76.1002
3032	62.7449	91.4(14)	89.4528	76.0907
3033	62.7649	87.7(14)	89.2008	76.0811
3034	62.7850	86.7(14)	88.9527	76.0715
3035	62.8051	85.4(14)	88.7155	76.0619
3036	62.8250	87.9(14)	88.4905	76.0524
3037	62.8452	86.3(14)	88.2725	76.0428
3038	62.8652	86.4(14)	88.0707	76.0332
3039	62.8852	89.7(14)	87.8794	76.0237
3040	62.9054	89.0(14)	87.7026	76.0140
3041	62.9252	88.9(14)	87.5430	76.0046
3042	62.9453	87.5(14)	87.3927	75.9950
3043	62.9655	86.3(14)	87.2566	75.9853
3044	62.9854	85.6(14)	87.1460	75.9846
3045	63.0055	87.3(14)	87.0460	75.9842
3046	63.0254	86.7(14)	86.9578	75.9837
3047	63.0454	83.0(14)	86.8779	75.9833
3048	63.0652	84.9(14)	86.8029	75.9829
3049	63.0852	84.3(14)	86.7271	75.9825
3050	63.1052	85.6(14)	86.6450	75.9820
3051	63.1253	85.3(14)	86.5498	75.9816
3052	63.1453	86.0(14)	86.4406	75.9812
3053	63.1652	82.0(13)	86.3128	75.9808
3054	63.1853	83.4(14)	86.1641	75.9803
3055	63.2053	82.9(14)	85.9952	75.9799
3056	63.2252	86.1(14)	85.8114	75.9795
3057	63.2451	82.4(13)	85.6143	75.9791
3058	63.2649	84.1(14)	85.4137	75.9786
3059	63.2851	81.9(13)	85.2142	75.9782
3060	63.3050	81.7(13)	85.0311	75.9778
3061	63.3251	83.4(13)	84.8664	75.9774
3062	63.3452	80.3(13)	84.7308	75.9769
3063	63.3651	82.5(13)	84.6280	75.9765
3064	63.3852	82.1(14)	84.5594	75.9761
3065	63.4053	81.4(13)	84.5269	75.9757
3066	63.4253	83.3(14)	84.5299	75.9752
3067	63.4452	82.0(13)	84.5655	75.9748
3068	63.4652	81.4(13)	84.6329	75.9744
3069	63.4852	84.2(14)	84.7314	75.9740
3070	63.5051	79.1(13)	84.8583	75.9735
3071	63.5252	81.9(13)	85.0129	75.9731
3072	63.5452	81.0(13)	85.1916	75.9727
3073	63.5654	79.8(13)	85.3913	75.9723
3074	63.5853	80.6(13)	85.6093	75.9718

3075	63.6052	81.4(13)	85.8438	75.9714
3076	63.6252	78.1(13)	86.0907	75.9710
3077	63.6453	79.6(13)	86.3530	75.9706
3078	63.6651	81.3(13)	86.6183	75.9701
3079	63.6851	80.6(13)	86.8905	75.9697
3080	63.7052	83.7(14)	87.1656	75.9693
3081	63.7252	83.5(14)	87.4316	75.9689
3082	63.7452	82.2(14)	87.6882	75.9684
3083	63.7651	81.4(13)	87.9303	75.9680
3084	63.7853	84.6(14)	88.1584	75.9676
3085	63.8053	82.9(13)	88.3679	75.9671
3086	63.8252	85.0(14)	88.5722	75.9786
3087	63.8451	85.5(14)	88.7686	75.9964
3088	63.8651	84.7(14)	88.9472	76.0142
3089	63.8850	86.4(14)	89.1192	76.0320
3090	63.9051	86.0(14)	89.2947	76.0499
3091	63.9252	85.4(14)	89.4680	76.0679
3092	63.9452	86.1(14)	89.6405	76.0857
3093	63.9652	85.5(14)	89.8181	76.1036
3094	63.9852	86.8(14)	90.0030	76.1214
3095	64.0052	87.9(14)	90.1992	76.1393
3096	64.0251	85.9(14)	90.4063	76.1570
3097	64.0450	87.1(14)	90.6196	76.1748
3098	64.0650	87.5(14)	90.8335	76.1927
3099	64.0851	86.8(14)	91.0554	76.2106
3100	64.1051	91.4(14)	91.2669	76.2284
3101	64.1251	90.0(14)	91.4609	76.2463
3102	64.1449	88.7(14)	91.6285	76.2640
3103	64.1650	86.5(14)	91.7630	76.2819
3104	64.1852	86.1(14)	91.8606	76.2999
3105	64.2053	88.3(14)	91.9187	76.3179
3106	64.2253	91.0(14)	91.9384	76.3357
3107	64.2452	88.7(14)	91.9264	76.3535
3108	64.2651	89.9(14)	91.8919	76.3713
3109	64.2853	89.1(14)	91.8445	76.3893
3110	64.3052	88.6(14)	91.7984	76.4071
3111	64.3253	88.3(14)	91.7639	76.4250
3112	64.3451	89.6(14)	91.7537	76.4427
3113	64.3650	89.4(14)	91.7771	76.4604
3114	64.3850	86.2(14)	91.8414	76.4783
3115	64.4051	87.5(14)	91.9493	76.4962
3116	64.4252	89.3(14)	92.1060	76.5142
3117	64.4452	88.1(14)	92.3039	76.5320
3118	64.4654	89.2(14)	92.5405	76.5500
3119	64.4851	90.2(14)	92.7968	76.5676
3120	64.5051	91.0(14)	93.0692	76.5855
3121	64.5252	90.0(14)	93.3405	76.6034
3122	64.5450	93.0(14)	93.5911	76.6211
3123	64.5651	91.4(14)	93.8161	76.6390
3124	64.5851	90.4(14)	93.9981	76.6569
3125	64.6051	93.8(14)	94.1331	76.6748
3126	64.6251	89.5(14)	94.2209	76.6926
3127	64.6452	92.6(14)	94.2660	76.7105
3128	64.6654	92.8(14)	94.2758	76.7286

3129	64.6854	88.7(14)	94.2628	76.7490
3130	64.7054	91.1(14)	94.2372	76.7741
3131	64.7252	92.4(14)	94.2041	76.7989
3132	64.7451	90.9(14)	94.1651	76.8238
3133	64.7652	94.3(14)	94.1236	76.8490
3134	64.7852	93.5(14)	94.0785	76.8741
3135	64.8054	94.8(14)	94.0297	76.8994
3136	64.8254	93.5(14)	93.9780	76.9245
3137	64.8454	94.6(14)	93.9252	76.9496
3138	64.8653	93.2(14)	93.8720	76.9745
3139	64.8852	94.5(14)	93.8213	76.9994
3140	64.9054	92.8(14)	93.7748	77.0248
3141	64.9253	94.0(14)	93.7371	77.0497
3142	64.9452	93.4(14)	93.7073	77.0746
3143	64.9653	91.0(14)	93.6946	77.0998
3144	64.9852	92.7(14)	93.7060	77.1248
3145	65.0054	93.3(14)	93.7312	77.1501
3146	65.0253	91.5(14)	93.7778	77.1750
3147	65.0453	95.0(14)	93.8367	77.2001
3148	65.0651	94.8(14)	93.9024	77.2249
3149	65.0851	97.5(15)	93.9659	77.2500
3150	65.1052	97.5(15)	94.0166	77.2752
3151	65.1253	95.6(15)	94.0440	77.3004
3152	65.1454	95.5(15)	94.0404	77.3256
3153	65.1654	95.3(14)	94.0024	77.3506
3154	65.1855	96.0(15)	93.9327	77.3758
3155	65.2054	95.5(15)	93.8366	77.4008
3156	65.2254	96.4(14)	93.7165	77.4258
3157	65.2453	98.3(15)	93.5775	77.4508
3158	65.2652	95.6(15)	93.4232	77.4757
3159	65.2852	95.4(14)	93.2572	77.5008
3160	65.3052	95.4(14)	93.0863	77.5258
3161	65.3253	94.4(14)	92.9138	77.5510
3162	65.3452	96.4(15)	92.7510	77.5760
3163	65.3654	93.7(14)	92.5956	77.6013
3164	65.3854	95.0(14)	92.4573	77.6264
3165	65.4052	96.0(15)	92.3307	77.6512
3166	65.4254	94.9(14)	92.2057	77.6765
3167	65.4452	93.7(14)	92.0802	77.7013
3168	65.4652	95.7(14)	91.9421	77.7264
3169	65.4852	92.4(14)	91.7854	77.7514
3170	65.5054	94.1(14)	91.6061	77.7768
3171	65.5252	94.2(14)	91.4137	77.8016
3172	65.5453	92.4(14)	91.2095	77.8268
3173	65.5654	91.9(14)	90.9865	77.8520
3174	65.5855	89.3(14)	90.7839	77.8725
3175	65.6055	92.5(14)	90.5932	77.8850
3176	65.6254	95.2(15)	90.4313	77.8973
3177	65.6454	91.3(14)	90.3092	77.9098
3178	65.6652	91.0(14)	90.2368	77.9221
3179	65.6852	87.5(14)	90.2247	77.9345
3180	65.7052	90.8(14)	90.2815	77.9469
3181	65.7252	89.8(14)	90.4240	77.9593
3182	65.7451	89.3(14)	90.6567	77.9717

3183	65.7652	90.9(14)	90.9930	77.9842
3184	65.7853	91.7(14)	91.4306	77.9967
3185	65.8053	92.8(14)	91.9685	78.0091
3186	65.8252	93.4(14)	92.6016	78.0215
3187	65.8451	92.5(14)	93.3216	78.0338
3188	65.8651	95.1(14)	94.1180	78.0463
3189	65.8850	93.5(14)	94.9624	78.0586
3190	65.9051	94.9(15)	95.8463	78.0711
3191	65.9250	95.7(15)	96.7180	78.0835
3192	65.9451	98.9(15)	97.5602	78.0960
3193	65.9652	99.7(15)	98.3332	78.1085
3194	65.9852	102.6(15)	98.9911	78.1209
3195	66.0051	103.2(15)	99.4979	78.1333
3196	66.0251	102.8(15)	99.8268	78.1457
3197	66.0451	104.8(15)	99.9525	78.1581
3198	66.0652	105.5(15)	99.8686	78.1706
3199	66.0852	100.9(15)	99.5823	78.1830
3200	66.1051	101.2(15)	99.1200	78.1954
3201	66.1251	102.4(15)	98.5086	78.2078
3202	66.1449	96.1(14)	97.7944	78.2201
3203	66.1649	95.6(14)	97.0021	78.2325
3204	66.1849	95.6(15)	96.1698	78.2450
3205	66.2050	94.0(14)	95.3242	78.2575
3206	66.2250	89.2(14)	94.4951	78.2699
3207	66.2450	89.4(14)	93.6959	78.2823
3208	66.2649	91.7(14)	92.9480	78.2947
3209	66.2850	91.2(14)	92.2484	78.3072
3210	66.3050	92.2(14)	91.6168	78.3196
3211	66.3250	87.4(14)	91.0549	78.3320
3212	66.3449	87.6(14)	90.5711	78.3444
3213	66.3649	88.5(14)	90.1588	78.3568
3214	66.3850	89.6(14)	89.8213	78.3693
3215	66.4052	86.5(14)	89.5546	78.3819
3216	66.4252	85.7(14)	89.3569	78.3943
3217	66.4454	87.3(14)	89.2136	78.4068
3218	66.4654	86.7(14)	89.1181	78.4193
3219	66.4854	87.9(14)	89.0560	78.4317
3220	66.5054	86.4(14)	89.0190	78.4441
3221	66.5253	88.6(14)	88.9955	78.4565
3222	66.5453	85.9(14)	88.9769	78.4689
3223	66.5651	88.0(14)	88.9595	78.4812
3224	66.5851	87.6(14)	88.9470	78.4936
3225	66.6052	84.9(14)	88.9324	78.5061
3226	66.6252	88.1(14)	88.9221	78.5186
3227	66.6452	87.2(14)	88.9253	78.5310
3228	66.6651	85.6(14)	88.9446	78.5434
3229	66.6851	84.5(14)	88.9744	78.5473
3230	66.7050	85.1(14)	89.0165	78.5443
3231	66.7250	85.2(14)	89.0781	78.5412
3232	66.7449	86.0(14)	89.1561	78.5382
3233	66.7649	86.9(14)	89.2451	78.5351
3234	66.7850	89.4(14)	89.3372	78.5320
3235	66.8051	87.1(14)	89.4244	78.5289
3236	66.8251	90.6(14)	89.4966	78.5259

3237	66.8451	90.7(14)	89.5496	78.5228
3238	66.8652	89.5(14)	89.5761	78.5197
3239	66.8853	87.7(14)	89.5758	78.5166
3240	66.9052	89.8(14)	89.5515	78.5136
3241	66.9254	87.3(14)	89.5068	78.5105
3242	66.9453	87.9(14)	89.4495	78.5074
3243	66.9654	88.5(14)	89.3862	78.5044
3244	66.9854	85.5(14)	89.3228	78.5013
3245	67.0054	83.9(14)	89.2666	78.4982
3246	67.0255	84.6(14)	89.2273	78.4951
3247	67.0454	85.1(14)	89.2075	78.4921
3248	67.0652	84.7(14)	89.2074	78.4891
3249	67.0852	82.9(14)	89.2294	78.4860
3250	67.1052	83.5(14)	89.2705	78.4829
3251	67.1253	83.8(14)	89.3270	78.4799
3252	67.1453	83.9(14)	89.3926	78.4768
3253	67.1652	86.5(14)	89.4622	78.4737
3254	67.1854	85.4(14)	89.5313	78.4706
3255	67.2052	85.7(14)	89.5911	78.4676
3256	67.2252	85.9(14)	89.6384	78.4645
3257	67.2451	83.8(14)	89.6676	78.4615
3258	67.2649	87.7(14)	89.6770	78.4585
3259	67.2850	85.7(14)	89.6646	78.4554
3260	67.3051	84.9(14)	89.6322	78.4523
3261	67.3251	85.2(14)	89.5849	78.4492
3262	67.3451	87.5(14)	89.5297	78.4462
3263	67.3651	84.8(14)	89.4762	78.4431
3264	67.3853	82.2(13)	89.4369	78.4400
3265	67.4052	82.1(13)	89.4215	78.4369
3266	67.4254	83.1(14)	89.4390	78.4338
3267	67.4452	83.2(14)	89.4991	78.4308
3268	67.4652	84.0(14)	89.6061	78.4277
3269	67.4852	85.1(14)	89.7639	78.4247
3270	67.5052	85.2(14)	89.9758	78.4216
3271	67.5252	87.6(14)	90.2387	78.4185
3272	67.5452	88.5(14)	90.5493	78.4155
3273	67.5653	86.0(14)	90.9042	78.4124
3274	67.5853	90.5(14)	91.2931	78.4093
3275	67.6052	91.1(14)	91.7050	78.4063
3276	67.6252	90.8(14)	92.1328	78.4032
3277	67.6452	93.6(14)	92.5591	78.4001
3278	67.6652	91.3(14)	92.9658	78.3926
3279	67.6851	94.2(14)	93.3326	78.3747
3280	67.7052	93.8(14)	93.6634	78.3567
3281	67.7251	94.6(14)	93.9445	78.3388
3282	67.7452	96.5(15)	94.1800	78.3208
3283	67.7652	95.8(15)	94.3670	78.3028
3284	67.7853	96.7(15)	94.5100	78.2848
3285	67.8053	98.2(15)	94.6149	78.2669
3286	67.8252	96.4(15)	94.6855	78.2490
3287	67.8451	95.2(15)	94.7266	78.2311
3288	67.8650	96.0(15)	94.7406	78.2133
3289	67.8851	93.2(14)	94.7247	78.1952
3290	67.9050	97.7(15)	94.6798	78.1774

3291	67.9252	94.4(15)	94.6004	78.1592
3292	67.9452	95.7(15)	94.4867	78.1413
3293	67.9651	91.5(14)	94.3413	78.1234
3294	67.9852	94.1(14)	94.1628	78.1054
3295	68.0052	93.1(14)	93.9582	78.0874
3296	68.0251	95.6(15)	93.7372	78.0695
3297	68.0450	95.8(14)	93.5086	78.0517
3298	68.0650	92.4(14)	93.2808	78.0337
3299	68.0850	92.1(14)	93.0703	78.0158
3300	68.1051	92.0(14)	92.8814	77.9977
3301	68.1251	89.2(14)	92.7235	77.9798
3302	68.1449	93.6(14)	92.6011	77.9620
3303	68.1650	93.8(14)	92.5106	77.9440
3304	68.1852	88.5(14)	92.4553	77.9258
3305	68.2052	91.5(14)	92.4311	77.9079
3306	68.2252	90.6(14)	92.4315	77.8899
3307	68.2452	93.5(14)	92.4521	77.8720
3308	68.2652	93.7(14)	92.4822	77.8540
3309	68.2852	94.1(14)	92.5145	77.8361
3310	68.3053	92.8(14)	92.5405	77.8180
3311	68.3252	89.1(14)	92.5512	77.8002
3312	68.3451	92.5(14)	92.5414	77.7823
3313	68.3650	94.9(14)	92.5047	77.7644
3314	68.3850	91.8(14)	92.4374	77.7465
3315	68.4051	93.3(14)	92.3385	77.7284
3316	68.4251	92.3(14)	92.2116	77.7105
3317	68.4452	91.6(14)	92.0559	77.6924
3318	68.4653	92.8(14)	91.8760	77.6744
3319	68.4852	91.6(14)	91.6794	77.6565
3320	68.5051	90.9(14)	91.4708	77.6387
3321	68.5251	91.7(14)	91.2583	77.6207
3322	68.5451	92.0(14)	91.0536	77.6028
3323	68.5651	92.3(14)	90.8681	77.5836
3324	68.5850	91.4(14)	90.7140	77.5624
3325	68.6051	91.4(14)	90.6015	77.5410
3326	68.6251	90.5(14)	90.5489	77.5196
3327	68.6452	90.4(14)	90.5623	77.4982
3328	68.6654	90.4(14)	90.6487	77.4766
3329	68.6854	90.8(14)	90.8096	77.4553
3330	68.7053	94.7(14)	91.0458	77.4340
3331	68.7251	93.6(14)	91.3540	77.4129
3332	68.7452	93.1(14)	91.7361	77.3915
3333	68.7652	96.3(15)	92.1776	77.3701
3334	68.7852	93.7(14)	92.6757	77.3488
3335	68.8054	95.4(15)	93.2236	77.3272
3336	68.8254	98.7(15)	93.7902	77.3059
3337	68.8453	100.8(15)	94.3733	77.2847
3338	68.8654	98.0(15)	94.9603	77.2632
3339	68.8852	101.2(15)	95.5167	77.2421
3340	68.9054	102.4(15)	96.0423	77.2205
3341	68.9253	103.1(15)	96.4989	77.1993
3342	68.9452	104.4(15)	96.8749	77.1781
3343	68.9652	105.4(15)	97.1544	77.1567
3344	68.9854	105.7(15)	97.3208	77.1352

3345	69.0053	107.3(15)	97.3580	77.1139
3346	69.0254	105.3(15)	97.2600	77.0925
3347	69.0452	105.9(15)	97.0268	77.0714
3348	69.0652	102.2(15)	96.6588	77.0500
3349	69.0851	102.8(15)	96.1688	77.0288
3350	69.1053	101.9(15)	95.5634	77.0072
3351	69.1254	99.2(15)	94.8765	76.9858
3352	69.1454	98.3(15)	94.1315	76.9644
3353	69.1654	97.4(15)	93.3591	76.9431
3354	69.1855	94.3(14)	92.5817	76.9216
3355	69.2054	93.6(14)	91.8391	76.9004
3356	69.2254	91.1(14)	91.1431	76.8791
3357	69.2453	89.8(14)	90.5198	76.8578
3358	69.2652	90.4(14)	89.9790	76.8366
3359	69.2851	90.5(14)	89.5273	76.8154
3360	69.3053	88.6(14)	89.1693	76.7938
3361	69.3253	93.4(14)	88.9110	76.7725
3362	69.3453	86.4(14)	88.7438	76.7511
3363	69.3652	90.1(14)	88.6581	76.7299
3364	69.3854	87.9(14)	88.6442	76.7083
3365	69.4053	88.1(14)	88.6885	76.6871
3366	69.4254	90.2(14)	88.7759	76.6657
3367	69.4453	87.2(14)	88.8895	76.6444
3368	69.4654	87.3(14)	89.0149	76.6230
3369	69.4852	90.5(14)	89.1339	76.6018
3370	69.5054	90.0(14)	89.2364	76.5803
3371	69.5252	89.7(14)	89.3076	76.5592
3372	69.5454	86.7(14)	89.3434	76.5376
3373	69.5653	89.1(14)	89.3365	76.5164
3374	69.5855	88.6(14)	89.2891	76.4948
3375	69.6055	89.7(14)	89.2057	76.4735
3376	69.6254	87.3(14)	89.0969	76.4522
3377	69.6454	84.9(14)	88.9673	76.4309
3378	69.6652	87.3(14)	88.8288	76.4098
3379	69.6852	85.1(14)	88.6891	76.3884
3380	69.7052	86.7(14)	88.5555	76.3671
3381	69.7252	85.0(14)	88.4287	76.3458
3382	69.7452	86.4(14)	88.3241	76.3244
3383	69.7652	88.1(14)	88.2392	76.3031
3384	69.7853	86.9(14)	88.1729	76.2816
3385	69.8052	89.0(14)	88.1234	76.2559
3386	69.8253	87.5(14)	88.0857	76.2246
3387	69.8451	88.6(14)	88.0622	76.1936
3388	69.8651	91.2(14)	88.0477	76.1624
3389	69.8851	85.8(14)	88.0367	76.1312
3390	69.9050	91.6(14)	88.0197	76.1001
3391	69.9251	89.5(14)	87.9914	76.0687
3392	69.9450	92.4(14)	87.9428	76.0376
3393	69.9652	94.3(14)	87.8645	76.0061
3394	69.9852	91.6(14)	87.7549	75.9748
3395	70.0051	91.2(14)	87.6088	75.9438
3396	70.0251	92.0(14)	87.4246	75.9125
3397	70.0452	90.0(14)	87.2048	75.8811
3398	70.0652	87.0(14)	86.9548	75.8499

3399	70.0852	88.2(14)	86.6785	75.8187
3400	70.1051	86.4(14)	86.3867	75.7876
3401	70.1251	85.3(14)	86.0799	75.7563
3402	70.1450	85.1(14)	85.7700	75.7253
3403	70.1649	84.8(14)	85.4612	75.6942
3404	70.1849	81.5(13)	85.1572	75.6630
3405	70.2049	80.3(13)	84.8664	75.6317
3406	70.2250	81.4(13)	84.5912	75.6003
3407	70.2450	84.3(14)	84.3393	75.5691
3408	70.2650	82.2(14)	84.1154	75.5379
3409	70.2850	81.7(14)	83.9210	75.5066
3410	70.3050	82.1(14)	83.7612	75.4754
3411	70.3250	80.1(13)	83.6389	75.4442
3412	70.3450	80.2(13)	83.5575	75.4129
3413	70.3650	82.6(14)	83.5165	75.3817
3414	70.3850	78.8(13)	83.5177	75.3505
3415	70.4051	82.2(13)	83.5618	75.3191
3416	70.4253	81.1(13)	83.6456	75.2875
3417	70.4454	79.4(13)	83.7664	75.2561
3418	70.4654	79.9(13)	83.9185	75.2249
3419	70.4854	80.0(13)	84.0972	75.1937
3420	70.5054	82.4(14)	84.2960	75.1624
3421	70.5253	79.1(13)	84.5059	75.1314
3422	70.5454	83.1(14)	84.7236	75.1000
3423	70.5651	79.4(13)	84.9384	75.0692
3424	70.5851	81.7(13)	85.1515	75.0380
3425	70.6052	84.3(14)	85.3549	75.0066
3426	70.6252	84.5(14)	85.5425	74.9753
3427	70.6452	81.6(13)	85.7126	74.9441
3428	70.6651	84.3(14)	85.8623	74.9130
3429	70.6852	83.9(14)	85.9910	74.8817
3430	70.7051	85.2(14)	86.0971	74.8506
3431	70.7250	83.5(14)	86.1789	74.8195
3432	70.7450	83.7(14)	86.2360	74.7883
3433	70.7649	84.7(14)	86.2683	74.7572
3434	70.7850	84.3(14)	86.2753	74.7258
3435	70.8051	84.4(14)	86.2583	74.6944
3436	70.8251	82.2(13)	86.2186	74.6632
3437	70.8451	79.5(13)	86.1582	74.6319
3438	70.8652	81.3(13)	86.0799	74.6005
3439	70.8853	82.8(14)	85.9841	74.5692
3440	70.9052	84.7(14)	85.8757	74.5381
3441	70.9254	80.4(13)	85.7525	74.5065
3442	70.9453	81.5(14)	85.6160	74.4755
3443	70.9654	81.6(14)	85.4675	74.4441
3444	70.9854	79.6(13)	85.3090	74.4128
3445	71.0054	80.3(13)	85.1401	74.3816
3446	71.0255	82.1(13)	84.9630	74.3502
3447	71.0455	83.2(14)	84.7798	74.3190
3448	71.0652	80.9(13)	84.5934	74.2882
3449	71.0852	80.2(13)	84.3968	74.2570
3450	71.1052	81.0(13)	84.1916	74.2257
3451	71.1253	81.2(13)	83.9671	74.1864
3452	71.1454	82.8(14)	83.7220	74.1353

3453	71.1653	80.2(13)	83.4694	74.0847
3454	71.1853	82.0(14)	83.2069	74.0338
3455	71.2052	79.3(13)	82.9391	73.9832
3456	71.2252	80.8(13)	82.6655	73.9323
3457	71.2451	80.3(13)	82.3924	73.8817
3458	71.2650	78.5(13)	82.1218	73.8311
3459	71.2850	79.8(13)	81.8549	73.7802
3460	71.3050	79.4(13)	81.5973	73.7294
3461	71.3251	76.8(13)	81.3483	73.6782
3462	71.3452	77.7(13)	81.1149	73.6271
3463	71.3651	76.2(13)	80.8997	73.5765
3464	71.3853	76.1(13)	80.6988	73.5251
3465	71.4053	75.9(13)	80.5185	73.4743
3466	71.4253	76.4(13)	80.3575	73.4234
3467	71.4452	75.9(13)	80.2159	73.3728
3468	71.4652	76.1(13)	80.0964	73.3219
3469	71.4852	75.7(13)	79.9986	73.2711
3470	71.5052	75.4(13)	79.9248	73.2202
3471	71.5251	78.0(13)	79.8744	73.1696
3472	71.5452	75.2(13)	79.8479	73.1185
3473	71.5652	75.0(13)	79.8462	73.0676
3474	71.5854	74.8(13)	79.8708	73.0162
3475	71.6053	75.5(13)	79.9195	72.9656
3476	71.6252	75.2(13)	79.9924	72.9150
3477	71.6452	75.3(13)	80.0875	72.8641
3478	71.6651	74.5(13)	80.2024	72.8135
3479	71.6851	75.1(13)	80.3338	72.7627
3480	71.7051	74.8(13)	80.4782	72.7118
3481	71.7252	76.3(13)	80.6350	72.6607
3482	71.7452	75.5(13)	80.7984	72.6098
3483	71.7652	76.4(13)	80.9682	72.5589
3484	71.7853	77.4(13)	81.1441	72.5078
3485	71.8052	75.6(13)	81.3229	72.4572
3486	71.8252	75.7(13)	81.5056	72.4063
3487	71.8452	79.0(13)	81.6887	72.3555
3488	71.8651	75.4(13)	81.8742	72.3049
3489	71.8851	76.3(13)	82.0613	72.2540
3490	71.9050	75.5(13)	82.2444	72.2034
3491	71.9252	77.3(13)	82.4230	72.1520
3492	71.9452	78.3(13)	82.5864	72.1011
3493	71.9651	77.6(13)	82.7354	72.0505
3494	71.9852	77.5(13)	82.8645	71.9994
3495	72.0052	78.6(13)	82.9659	71.9485
3496	72.0251	76.7(13)	83.0357	71.8979
3497	72.0450	77.7(13)	83.0706	71.8473
3498	72.0650	77.8(13)	83.0675	71.7965
3499	72.0850	78.0(13)	83.0253	71.7456
3500	72.1051	78.3(13)	82.9441	71.6945
3501	72.1251	76.5(13)	82.8261	71.6436
3502	72.1450	79.5(13)	82.6755	71.5930
3503	72.1650	78.3(13)	82.4961	71.5421
3504	72.1851	77.0(13)	82.2915	71.4910
3505	72.2052	79.1(13)	82.0710	71.4399
3506	72.2253	78.0(13)	81.8502	71.3963

3507	72.2452	78.3(13)	81.6345	71.3593
3508	72.2652	77.4(13)	81.4212	71.3221
3509	72.2852	77.6(13)	81.2156	71.2849
3510	72.3052	79.0(13)	81.0211	71.2477
3511	72.3252	77.7(13)	80.8397	71.2104
3512	72.3452	77.0(13)	80.6745	71.1732
3513	72.3650	76.7(13)	80.5271	71.1364
3514	72.3850	75.1(13)	80.3956	71.0992
3515	72.4050	75.0(13)	80.2815	71.0620
3516	72.4252	75.9(13)	80.1836	71.0244
3517	72.4452	75.2(13)	80.1048	70.9871
3518	72.4653	78.9(13)	80.0415	70.9498
3519	72.4852	77.2(13)	79.9928	70.9127
3520	72.5051	77.4(13)	79.9548	70.8757
3521	72.5251	78.1(13)	79.9241	70.8385
3522	72.5450	76.2(13)	79.8977	70.8014
3523	72.5651	77.2(13)	79.8719	70.7640
3524	72.5850	76.4(13)	79.8428	70.7270
3525	72.6051	78.2(13)	79.8067	70.6896
3526	72.6252	77.2(13)	79.7618	70.6522
3527	72.6452	78.6(13)	79.7081	70.6150
3528	72.6653	77.3(13)	79.6443	70.5776
3529	72.6855	80.2(13)	79.5722	70.5400
3530	72.7053	77.2(13)	79.4955	70.5031
3531	72.7252	77.4(13)	79.4156	70.4661
3532	72.7452	76.8(13)	79.3323	70.4289
3533	72.7652	76.8(13)	79.2498	70.3917
3534	72.7852	77.2(13)	79.1691	70.3545
3535	72.8054	79.5(13)	79.0921	70.3169
3536	72.8254	76.9(13)	79.0210	70.2797
3537	72.8453	76.9(13)	78.9558	70.2426
3538	72.8654	76.6(13)	78.8953	70.2052
3539	72.8852	74.2(13)	78.8386	70.1684
3540	72.9052	77.0(13)	78.7802	70.1312
3541	72.9254	77.6(13)	78.7248	70.0936
3542	72.9452	74.3(13)	78.6694	70.0567
3543	72.9653	76.6(13)	78.6092	70.0193
3544	72.9853	77.4(13)	78.5409	69.9821
3545	73.0053	77.9(13)	78.4676	69.9449
3546	73.0253	76.1(13)	78.3869	69.9077
3547	73.0453	80.1(13)	78.2986	69.8705
3548	73.0651	77.6(13)	78.2071	69.8336
3549	73.0851	78.7(13)	78.1123	69.7964
3550	73.1051	77.2(13)	78.0193	69.7592
3551	73.1254	76.8(13)	77.9291	69.7214
3552	73.1454	77.3(13)	77.8524	69.6842
3553	73.1654	76.1(13)	77.7906	69.6470
3554	73.1855	76.5(13)	77.7479	69.6096
3555	73.2054	77.0(13)	77.7247	69.5725
3556	73.2253	75.8(13)	77.7294	69.5355
3557	73.2453	76.4(13)	77.7619	69.4983
3558	73.2653	77.6(13)	77.8236	69.4611
3559	73.2851	79.0(13)	77.9111	69.4242
3560	73.3052	77.3(13)	78.0264	69.3868

3561	73.3252	78.5(13)	78.1663	69.3496
3562	73.3452	79.8(13)	78.3279	69.3124
3563	73.3653	78.8(13)	78.5083	69.2750
3564	73.3853	78.2(13)	78.7017	69.2378
3565	73.4052	80.2(13)	78.9014	69.2008
3566	73.4254	80.4(13)	79.1049	69.1632
3567	73.4452	79.6(13)	79.2973	69.1263
3568	73.4653	81.4(14)	79.4778	69.0889
3569	73.4852	83.3(14)	79.6321	69.0519
3570	73.5053	78.9(13)	79.7539	69.0145
3571	73.5253	81.3(13)	79.8346	68.9773
3572	73.5452	82.2(13)	79.8805	68.9537
3573	73.5654	81.7(13)	79.8905	68.9464
3574	73.5855	83.3(14)	79.8460	68.9390
3575	73.6054	81.5(13)	79.7511	68.9318
3576	73.6254	79.7(13)	79.6097	68.9245
3577	73.6454	79.4(14)	79.4303	68.9172
3578	73.6651	80.5(13)	79.2257	68.9100
3579	73.6852	81.5(13)	78.9981	68.9027
3580	73.7052	79.2(13)	78.7617	68.8954
3581	73.7251	78.8(13)	78.5267	68.8881
3582	73.7452	79.3(13)	78.2978	68.8808
3583	73.7652	79.3(13)	78.0838	68.8735
3584	73.7852	76.0(13)	77.8881	68.8662
3585	73.8054	77.2(13)	77.7121	68.8588
3586	73.8252	75.6(13)	77.5625	68.8516
3587	73.8451	73.3(13)	77.4354	68.8444
3588	73.8651	75.5(13)	77.3305	68.8371
3589	73.8850	77.7(13)	77.2437	68.8298
3590	73.9051	74.0(13)	77.1741	68.8225
3591	73.9250	76.2(13)	77.1202	68.8152
3592	73.9450	73.5(13)	77.0760	68.8080
3593	73.9652	73.0(13)	77.0386	68.8006
3594	73.9852	74.2(13)	77.0053	68.7933
3595	74.0052	74.2(13)	76.9722	68.7860
3596	74.0251	75.1(13)	76.9377	68.7787
3597	74.0451	76.5(13)	76.8982	68.7715
3598	74.0652	76.7(13)	76.8534	68.7641
3599	74.0852	77.5(13)	76.8013	68.7568
3600	74.1051	76.0(13)	76.7420	68.7496
3601	74.1251	74.2(13)	76.6749	68.7423
3602	74.1449	74.1(13)	76.6013	68.7351
3603	74.1649	76.5(13)	76.5209	68.7278
3604	74.1849	75.8(13)	76.4356	68.7205
3605	74.2049	76.5(13)	76.3488	68.7132
3606	74.2250	77.3(13)	76.2595	68.7059
3607	74.2450	76.2(13)	76.1768	68.6986
3608	74.2650	76.3(13)	76.1002	68.6913
3609	74.2850	74.5(13)	76.0341	68.6840
3610	74.3050	76.3(13)	75.9801	68.6767
3611	74.3250	75.5(13)	75.9402	68.6694
3612	74.3450	76.1(13)	75.9166	68.6621
3613	74.3650	72.4(13)	75.9090	68.6548
3614	74.3850	74.9(13)	75.9180	68.6475

3615	74.4051	74.9(13)	75.9423	68.6402
3616	74.4252	73.1(13)	75.9787	68.6329
3617	74.4454	77.6(13)	76.0260	68.6255
3618	74.4654	77.1(13)	76.0803	68.6182
3619	74.4854	77.2(13)	76.1391	68.6109
3620	74.5054	74.3(13)	76.1999	68.6036
3621	74.5253	76.2(13)	76.2606	68.5964
3622	74.5453	79.0(13)	76.3213	68.5891
3623	74.5652	74.7(13)	76.3817	68.5818
3624	74.5851	74.6(13)	76.4418	68.5746
3625	74.6052	75.9(13)	76.5026	68.5672
3626	74.6252	75.4(13)	76.5651	68.5600
3627	74.6452	76.7(13)	76.6275	68.5527
3628	74.6651	76.2(13)	76.6920	68.5454
3629	74.6851	78.5(13)	76.7580	68.5381
3630	74.7051	76.0(13)	76.8251	68.5308
3631	74.7250	75.5(13)	76.8911	68.5236
3632	74.7449	74.4(13)	76.9561	68.5163
3633	74.7649	76.4(13)	77.0193	68.5090
3634	74.7850	77.7(13)	77.0803	68.5017
3635	74.8051	74.4(13)	77.1384	68.4944
3636	74.8251	75.3(13)	77.1959	68.4871
3637	74.8451	75.9(13)	77.2530	68.4798
3638	74.8652	76.3(13)	77.3257	68.4869
3639	74.8853	76.0(13)	77.4275	68.5211
3640	74.9052	74.6(13)	77.5317	68.5549
3641	74.9254	74.9(13)	77.6409	68.5892
3642	74.9453	76.7(13)	77.7502	68.6231
3643	74.9655	76.5(13)	77.8633	68.6574
3644	74.9854	76.9(13)	77.9741	68.6912
3645	75.0054	77.6(13)	78.0826	68.7252
3646	75.0255	76.6(13)	78.1862	68.7594
3647	75.0455	75.3(13)	78.2809	68.7934
3648	75.0653	76.4(13)	78.3658	68.8270
3649	75.0851	77.9(13)	78.4408	68.8607
3650	75.1053	76.8(13)	78.5045	68.8950
3651	75.1253	76.4(13)	78.5549	68.9290
3652	75.1453	78.1(13)	78.5913	68.9630
3653	75.1654	77.9(13)	78.6138	68.9972
3654	75.1853	78.1(13)	78.6213	69.0310
3655	75.2052	80.1(13)	78.6122	69.0648
3656	75.2252	76.9(13)	78.5854	69.0988
3657	75.2452	78.0(13)	78.5415	69.1328
3658	75.2649	81.7(14)	78.4812	69.1663
3659	75.2850	75.9(13)	78.4052	69.2005
3660	75.3051	76.8(13)	78.3161	69.2346
3661	75.3251	76.7(13)	78.2168	69.2686
3662	75.3452	75.6(13)	78.1101	69.3028
3663	75.3651	78.4(13)	78.0061	69.3366
3664	75.3852	74.7(13)	77.9026	69.3708
3665	75.4052	74.2(13)	77.8040	69.4048
3666	75.4254	75.3(13)	77.7109	69.4391
3667	75.4452	73.1(13)	77.6269	69.4728
3668	75.4652	72.9(13)	77.5517	69.5068

3669	75.4852	75.9(13)	77.4844	69.5408
3670	75.5052	71.3(13)	77.4257	69.5748
3671	75.5252	74.4(13)	77.3756	69.6088
3672	75.5452	71.5(13)	77.3344	69.6428
3673	75.5653	72.3(13)	77.2999	69.6769
3674	75.5854	71.7(13)	77.2712	69.7111
3675	75.6052	72.0(13)	77.2468	69.7448
3676	75.6252	74.1(13)	77.2239	69.7788
3677	75.6452	72.9(13)	77.2008	69.8128
3678	75.6651	69.9(12)	77.1752	69.8466
3679	75.6852	74.6(13)	77.1437	69.8808
3680	75.7052	73.4(13)	77.1047	69.9147
3681	75.7251	72.9(13)	77.0576	69.9486
3682	75.7452	71.6(13)	76.9990	69.9827
3683	75.7652	70.9(13)	76.9293	70.0167
3684	75.7852	73.0(13)	76.8485	70.0507
3685	75.8054	73.8(13)	76.7557	70.0851
3686	75.8251	73.0(13)	76.6575	70.1186
3687	75.8451	70.7(13)	76.5530	70.1525
3688	75.8651	72.2(13)	76.4461	70.1866
3689	75.8850	71.6(13)	76.3415	70.2204
3690	75.9051	73.1(13)	76.2407	70.2545
3691	75.9251	73.7(13)	76.1492	70.2885
3692	75.9452	73.1(13)	76.0681	70.3227
3693	75.9652	71.5(13)	75.9966	70.3529
3694	75.9851	72.4(13)	75.9362	70.3798
3695	76.0052	71.7(13)	75.8899	70.4071
3696	76.0251	69.6(12)	75.8582	70.4340
3697	76.0450	72.4(13)	75.8403	70.4610
3698	76.0650	70.9(13)	75.8355	70.4880
3699	76.0850	71.2(13)	75.8431	70.5151
3700	76.1051	72.7(13)	75.8619	70.5423
3701	76.1251	72.7(13)	75.8900	70.5694
3702	76.1450	72.0(13)	75.9262	70.5964
3703	76.1650	73.0(13)	75.9689	70.6234
3704	76.1851	74.0(13)	76.0161	70.6507
3705	76.2052	73.7(13)	76.0652	70.6779
3706	76.2254	71.5(13)	76.1141	70.7052
3707	76.2452	71.1(13)	76.1602	70.7320
3708	76.2651	72.4(13)	76.2031	70.7590
3709	76.2852	71.3(13)	76.2413	70.7862
3710	76.3052	72.2(13)	76.2738	70.8133
3711	76.3252	72.1(13)	76.3004	70.8404
3712	76.3452	73.0(13)	76.3229	70.8674
3713	76.3650	72.2(13)	76.3394	70.8943
3714	76.3850	71.2(13)	76.3538	70.9213
3715	76.4050	71.8(13)	76.3676	70.9484
3716	76.4252	74.1(13)	76.3818	70.9758
3717	76.4452	69.8(13)	76.3982	71.0029
3718	76.4653	71.8(13)	76.4201	71.0301
3719	76.4851	70.9(13)	76.4483	71.0569
3720	76.5051	72.2(13)	76.4845	71.0840
3721	76.5251	74.1(13)	76.5303	71.1110
3722	76.5450	71.1(13)	76.5861	71.1380

3723	76.5651	73.8(13)	76.6534	71.1652
3724	76.5850	72.0(13)	76.7297	71.1922
3725	76.6051	73.0(13)	76.8160	71.2194
3726	76.6251	72.1(13)	76.9085	71.2465
3727	76.6452	76.3(13)	77.0087	71.2737
3728	76.6654	72.1(13)	77.1117	71.3010
3729	76.6854	72.2(13)	77.2150	71.3281
3730	76.7053	73.9(13)	77.3141	71.3550
3731	76.7252	75.1(13)	77.4071	71.3820
3732	76.7451	75.4(13)	77.4920	71.4089
3733	76.7651	73.9(13)	77.5662	71.4360
3734	76.7853	73.8(13)	77.6303	71.4634
3735	76.8054	73.8(13)	77.6824	71.4906
3736	76.8254	75.1(13)	77.7228	71.5177
3737	76.8454	75.4(13)	77.7546	71.5448
3738	76.8652	73.8(13)	77.7783	71.5716
3739	76.8853	75.8(13)	77.7987	71.5988
3740	76.9052	73.1(13)	77.8161	71.6257
3741	76.9254	73.4(13)	77.8330	71.6531
3742	76.9452	72.3(13)	77.8500	71.6799
3743	76.9652	75.5(13)	77.8696	71.7070
3744	76.9854	77.3(13)	77.8931	71.7343
3745	77.0052	74.6(13)	77.9197	71.7611
3746	77.0254	75.3(13)	77.9508	71.7885
3747	77.0452	76.0(13)	77.9849	71.8153
3748	77.0651	73.7(13)	78.0224	71.8422
3749	77.0851	76.0(13)	78.0626	71.8693
3750	77.1052	75.7(13)	78.1058	71.8965
3751	77.1253	74.3(13)	78.1501	71.9238
3752	77.1454	75.7(13)	78.1961	71.9510
3753	77.1654	76.9(13)	78.2427	71.9781
3754	77.1854	77.7(13)	78.2905	72.0051
3755	77.2054	76.5(13)	78.3398	72.0322
3756	77.2254	75.6(13)	78.3929	72.0593
3757	77.2452	76.1(13)	78.4508	72.0861
3758	77.2652	75.3(13)	78.5180	72.1132
3759	77.2851	78.5(13)	78.5940	72.1401
3760	77.3052	76.7(13)	78.6786	72.1635
3761	77.3252	74.6(13)	78.7011	72.1129
3762	77.3453	73.1(13)	78.7380	72.0620
3763	77.3652	75.6(13)	78.7877	72.0116
3764	77.3854	75.9(13)	78.8520	71.9604
3765	77.4052	75.9(13)	78.9265	71.9103
3766	77.4254	76.9(13)	79.0125	71.8592
3767	77.4452	75.1(13)	79.1043	71.8091
3768	77.4652	76.2(13)	79.2018	71.7585
3769	77.4852	76.4(13)	79.2996	71.7078
3770	77.5052	75.5(13)	79.3960	71.6572
3771	77.5252	77.4(13)	79.4868	71.6066
3772	77.5452	75.3(13)	79.5695	71.5559
3773	77.5654	77.5(13)	79.6419	71.5048
3774	77.5855	78.1(13)	79.7003	71.4539
3775	77.6054	77.4(13)	79.7444	71.4036
3776	77.6254	76.8(13)	79.7729	71.3529

3777	77.6452	81.5(14)	79.7854	71.3028
3778	77.6652	79.1(13)	79.7827	71.2522
3779	77.6852	77.8(13)	79.7654	71.2015
3780	77.7052	80.0(13)	79.7337	71.1509
3781	77.7251	79.6(13)	79.6911	71.1005
3782	77.7452	77.7(13)	79.6380	71.0497
3783	77.7652	78.7(13)	79.5775	70.9990
3784	77.7852	79.1(13)	79.5120	70.9484
3785	77.8053	76.2(13)	79.4434	70.8975
3786	77.8252	77.4(13)	79.3757	70.8472
3787	77.8451	78.9(13)	79.3106	70.7968
3788	77.8651	75.9(13)	79.2508	70.7461
3789	77.8850	76.2(13)	79.1994	70.6958
3790	77.9050	77.1(13)	79.1570	70.6451
3791	77.9250	75.6(13)	79.1261	70.5945
3792	77.9451	77.9(13)	79.1025	70.5436
3793	77.9651	76.1(13)	79.0940	70.4930
3794	77.9852	74.3(13)	79.0953	70.4421
3795	78.0051	78.4(13)	79.1031	70.3918
3796	78.0251	73.8(13)	79.1143	70.3411
3797	78.0452	77.9(13)	79.1255	70.2902
3798	78.0652	76.2(13)	79.1312	70.2396
3799	78.0852	77.1(13)	79.1256	70.1890
3800	78.1051	77.6(13)	79.1048	70.1386
3801	78.1251	76.9(13)	79.0647	70.0880
3802	78.1449	79.9(13)	79.0043	70.0379
3803	78.1649	75.8(13)	78.9218	69.9872
3804	78.1849	76.2(13)	78.8186	69.9366
3805	78.2050	75.1(13)	78.6975	69.8857
3806	78.2251	77.2(13)	78.5636	69.8348
3807	78.2450	77.2(13)	78.4236	69.7845
3808	78.2649	76.3(13)	78.3035	69.7558
3809	78.2850	75.1(13)	78.2573	69.7979
3810	78.3050	73.9(13)	78.2215	69.8397
3811	78.3251	76.8(13)	78.2020	69.8817
3812	78.3449	76.0(13)	78.2026	69.9231
3813	78.3650	75.5(13)	78.2278	69.9651
3814	78.3850	75.5(13)	78.2805	70.0069
3815	78.4052	75.6(13)	78.3639	70.0491
3816	78.4252	75.2(13)	78.4774	70.0909
3817	78.4454	76.0(13)	78.6231	70.1331
3818	78.4654	76.2(13)	78.7968	70.1749
3819	78.4854	77.2(13)	78.9979	70.2168
3820	78.5054	78.9(13)	79.2225	70.2586
3821	78.5254	77.6(13)	79.4660	70.3004
3822	78.5452	75.6(13)	79.7218	70.3418
3823	78.5652	77.6(13)	79.9883	70.3836
3824	78.5851	79.0(13)	80.2549	70.4252
3825	78.6052	77.6(13)	80.5181	70.4672
3826	78.6252	80.3(13)	80.7670	70.5090
3827	78.6452	79.3(13)	80.9941	70.5508
3828	78.6651	80.1(14)	81.1934	70.5924
3829	78.6851	83.4(14)	81.3606	70.6342
3830	78.7051	81.8(14)	81.4892	70.6760

3831	78.7250	84.8(14)	81.5783	70.7176
3832	78.7449	83.3(14)	81.6265	70.7592
3833	78.7649	84.2(14)	81.6342	70.8010
3834	78.7850	82.4(14)	81.6032	70.8430
3835	78.8051	84.0(14)	81.5370	70.8850
3836	78.8251	83.9(14)	81.4408	70.9268
3837	78.8451	82.7(14)	81.3198	70.9687
3838	78.8652	82.2(14)	81.1790	71.0107
3839	78.8853	80.0(13)	81.0250	71.0527
3840	78.9053	77.5(13)	80.8641	71.0945
3841	78.9254	79.9(13)	80.6996	71.1365
3842	78.9453	80.6(13)	80.4944	71.1340
3843	78.9654	75.7(13)	80.2493	71.0883
3844	78.9855	78.4(13)	80.0126	71.0426
3845	79.0055	79.0(13)	79.7880	70.9971
3846	79.0255	77.9(13)	79.5761	70.9516
3847	79.0455	77.0(13)	79.3790	70.9061
3848	79.0652	77.2(13)	79.2003	70.8613
3849	79.0852	77.2(13)	79.0367	70.8158
3850	79.1052	81.3(14)	78.8906	70.7703
3851	79.1253	77.7(13)	78.7657	70.7246
3852	79.1454	78.3(13)	78.6628	70.6789
3853	79.1652	77.3(13)	78.5840	70.6339
3854	79.1853	76.5(13)	78.5275	70.5882
3855	79.2053	76.2(13)	78.4956	70.5427
3856	79.2252	78.7(13)	78.4879	70.4974
3857	79.2451	77.5(13)	78.5028	70.4522
3858	79.2650	74.3(13)	78.5387	70.4069
3859	79.2850	76.8(13)	78.5936	70.3614
3860	79.3051	76.5(13)	78.6640	70.3157
3861	79.3251	74.5(13)	78.7456	70.2702
3862	79.3452	75.3(13)	78.8340	70.2245
3863	79.3651	76.5(13)	78.9240	70.1792
3864	79.3853	75.6(13)	79.0117	70.1333
3865	79.4052	78.7(13)	79.0896	70.0880
3866	79.4254	78.7(13)	79.1566	70.0421
3867	79.4452	79.9(13)	79.2056	69.9970
3868	79.4652	80.4(14)	79.2348	69.9516
3869	79.4852	78.2(13)	79.2411	69.9061
3870	79.5052	80.5(13)	79.2227	69.8606
3871	79.5252	79.6(13)	79.1789	69.8151
3872	79.5452	78.5(13)	79.1098	69.7696
3873	79.5654	81.2(14)	79.0154	69.7236
3874	79.5854	78.7(13)	78.8985	69.6782
3875	79.6052	76.1(13)	78.7639	69.6331
3876	79.6252	76.3(13)	78.6108	69.5876
3877	79.6451	79.3(13)	78.4443	69.5424
3878	79.6651	76.8(13)	78.2646	69.4969
3879	79.6852	76.9(13)	78.0781	69.4512
3880	79.7051	77.1(13)	77.8907	69.4059
3881	79.7252	74.2(13)	77.7016	69.3602
3882	79.7452	76.5(13)	77.5193	69.3147
3883	79.7652	78.9(13)	77.3440	69.2692
3884	79.7854	74.2(13)	77.1805	69.2233

3885	79.8052	75.5(13)	77.0338	69.1782
3886	79.8253	73.4(13)	76.9015	69.1325
3887	79.8451	73.0(13)	76.7874	69.0875
3888	79.8651	76.8(13)	76.6884	69.0420
3889	79.8851	77.1(13)	76.6044	68.9965
3890	79.9051	73.7(13)	76.5337	68.9510
3891	79.9251	73.5(13)	76.4735	68.9055
3892	79.9452	74.6(13)	76.4207	68.8598
3893	79.9652	76.0(13)	76.4113	68.8530
3894	79.9851	74.7(13)	76.4104	68.8530
3895	80.0052	72.0(13)	76.4087	68.8530

_pd_proc_number_of_points 3867

loop_

_refln_index_h
 _refln_index_k
 _refln_index_l
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 _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	798.8241	718.3302	0.06	13.50169
1	1	0	4	1	o	55338.5195	56627.6992	0.18	11.97730
1	3	0	4	1	o	5840.4023	5888.3955	180.19	7.46560
0	4	0	2	1	o	9.6995	11.1536	359.99	6.75085
2	0	0	2	1	o	12054.4375	13244.6162	180.45	6.68189
2	2	0	4	1	o	635.9588	554.0869	0.21	5.98865
0	1	1	4	1	o	1083.3401	1451.3109	0.14	5.17388
1	5	0	4	1	o	5586.2998	6009.9077	0.24	5.00724
1	1	1	8	1	o	27.8674	24.0940	0.06	4.82490
2	4	0	4	1	o	80.1351	65.8073	180.32	4.74900
1	2	1	8	1	o	9.1772	8.3125	1.28	4.60922
0	3	1	4	1	o	5374.8589	5042.6030	0.28	4.54885
0	6	0	2	1	o	48878.0547	45714.7734	0.26	4.50056
3	1	0	4	1	o	802.6801	742.3189	180.94	4.39519
1	3	1	8	1	o	26963.2715	26399.0859	0.26	4.30622
2	1	1	8	1	o	1636.2565	1841.0647	0.12	4.09087
3	3	0	4	1	o	1093.8810	1117.6726	179.77	3.99243
1	4	1	8	1	o	2329.2869	2343.1108	0.11	3.96754
2	2	1	8	1	o	492.1551	466.5227	0.43	3.95692
0	5	1	4	1	o	719.6059	688.3837	179.92	3.77237
2	3	1	8	1	o	14035.0752	13436.0322	180.22	3.76021
2	6	0	4	1	o	31036.1582	30069.2969	180.24	3.73280
1	7	0	4	1	o	650.7233	590.6383	0.23	3.70630
1	5	1	8	1	o	271.5511	242.3568	180.21	3.63050
2	4	1	8	1	o	10280.6455	9903.5703	0.22	3.52837
3	5	0	4	1	o	2599.6584	2223.0359	180.60	3.43646
3	1	1	8	1	o	45.6145	42.8063	180.13	3.37578
0	8	0	2	1	o	2121.7361	2000.2260	0.04	3.37542
4	0	0	2	1	o	139357.5938	134927.9062	0.21	3.34094
1	6	1	8	1	o	674.9930	625.3115	0.11	3.31579

3 2 1 8 1 o	210.8663	195.8842	359.67	3.29932
2 5 1 8 1 o	241.3724	226.1862	179.73	3.28500
4 2 0 4 1 o	994.9515	1005.6575	359.97	3.24313
3 3 1 8 1 o	40599.6289	38243.2305	180.17	3.18267
0 7 1 4 1 o	2072.9233	1818.4686	180.16	3.11311
2 6 1 8 1 o	6797.4258	6392.5762	180.17	3.04639
3 4 1 8 1 o	3379.4670	3179.5439	180.30	3.03838
1 7 1 8 1 o	450.7435	422.0642	0.19	3.03193
2 8 0 4 1 o	741.8683	732.6266	0.09	3.01283
4 4 0 4 1 o	1095.6091	1157.5737	180.22	2.99432
1 9 0 4 1 o	1202.1534	1089.9995	0.18	2.92750
3 7 0 4 1 o	606.9686	546.0833	359.51	2.91614
3 5 1 8 1 o	187.1730	192.1961	0.34	2.87879
2 7 1 8 1 o	2795.6663	2255.8245	180.25	2.82187
4 1 1 8 1 o	491.0318	438.2232	0.23	2.80665
1 8 1 8 1 o	1582.3939	2059.1233	180.32	2.78042
4 2 1 8 1 o	342.8567	427.8650	180.73	2.76225
3 6 1 8 1 o	3098.6875	3080.6284	0.23	2.71413
0 10 0 2 1 o	129.4446	117.7106	0.43	2.70034
4 3 1 8 1 o	2036.9186	1830.0363	0.18	2.69271
4 6 0 4 1 o	17593.6387	15356.0879	0.23	2.68259
5 1 0 4 1 o	5412.3901	4678.5078	1.03	2.65976
0 0 2 2 1 o	5181.3027	4993.6147	0.37	2.63577
2 8 1 8 1 o	33078.1055	32465.7109	0.21	2.61576
0 9 1 4 1 o	1418.5269	1374.4136	0.52	2.60760
4 4 1 8 1 o	1229.5624	1190.8022	180.83	2.60362
0 2 2 4 1 o	935.0191	925.2792	180.18	2.58694
1 0 2 4 1 o	62164.5156	61413.6953	180.32	2.58596
1 1 2 8 1 o	47.1043	46.0659	358.98	2.57418
5 3 0 4 1 o	1158.2682	1130.3297	180.86	2.56219
1 9 1 8 1 o	62013.0508	60488.8555	0.33	2.55933
3 7 1 8 1 o	697.0454	677.9049	180.07	2.55173
1 2 2 8 1 o	261.8910	257.9224	0.08	2.53979
2 10 0 4 1 o	1271.4358	1154.6622	0.25	2.50362
4 5 1 8 1 o	170.7551	154.6469	0.17	2.50109
3 9 0 4 1 o	443.9280	391.8395	179.82	2.48853
1 3 2 8 1 o	146.6199	129.4838	179.89	2.48542
0 4 2 4 1 o	5175.0698	4919.1079	0.09	2.45527
2 0 2 4 1 o	15477.5996	14681.2383	180.55	2.45191
2 1 2 8 1 o	23933.8359	22778.9473	180.22	2.44186
2 9 1 8 1 o	10612.0938	10440.2559	180.57	2.42917
1 4 2 8 1 o	151.1980	153.3504	359.92	2.41485
1 11 0 4 1 o	256.5452	258.7583	359.80	2.41446
2 2 2 8 1 o	1992.3029	2010.7391	180.05	2.41245
3 8 1 8 1 o	20239.3125	20184.4688	180.34	2.39629
5 5 0 4 1 o	1656.6200	1649.8940	1.03	2.39546
4 6 1 8 1 o	0.5158	0.5109	156.80	2.39083
5 1 1 8 1 o	2446.0713	2487.0701	0.09	2.37462
4 8 0 4 1 o	3414.2878	3524.2302	0.07	2.37450
2 3 2 8 1 o	1360.0575	1401.4539	0.27	2.36571
1 10 1 8 1 o	101.0713	104.3858	359.82	2.36542
5 2 1 8 1 o	38.6595	37.5824	1.60	2.34755
1 5 2 8 1 o	706.9901	672.4449	0.16	2.33237
2 4 2 8 1 o	73.1336	73.8878	179.77	2.30461

5 3 1 8 1 o	954.2761	959.5378	0.25	2.30441
4 7 1 8 1 o	6208.1084	6274.5830	180.16	2.27759
0 6 2 4 1 o	12643.9199	12677.5596	179.89	2.27443
3 0 2 4 1 o	3552.7354	3471.6226	179.33	2.26842
2 10 1 8 1 o	9852.7441	9411.3105	0.29	2.26153
3 1 2 8 1 o	22357.8770	21531.2676	180.31	2.26046
3 9 1 8 1 o	11581.8018	11164.8516	359.63	2.25039
0 12 0 2 1 o	9565.3096	9247.0439	359.66	2.25028
5 4 1 8 1 o	3164.3613	3081.8491	0.31	2.24783
1 6 2 8 1 o	2246.0610	2205.4502	359.38	2.24218
3 2 2 8 1 o	1835.3132	1839.7789	180.11	2.23707
2 5 2 8 1 o	5783.8599	5896.4907	180.28	2.23259
6 0 0 2 1 o	22538.2559	22921.3926	179.87	2.22730
0 11 1 4 1 o	4.0165	4.0794	179.47	2.22539
3 3 2 8 1 o	7404.8228	8193.3613	0.22	2.19965
6 2 0 4 1 o	108.6493	121.0819	0.71	2.19760
5 7 0 4 1 o	697.1749	786.5688	179.50	2.19696
1 11 1 8 1 o	325.4451	366.9657	180.36	2.19516
5 5 1 8 1 o	864.1131	937.5972	180.25	2.18085
4 8 1 8 1 o	495.5389	534.3281	181.96	2.16500
2 6 2 8 1 o	94.3080	108.4023	182.11	2.15311
3 4 2 8 1 o	433.7245	488.3836	180.11	2.15028
3 11 0 4 1 o	2398.1597	2754.4751	0.33	2.15000
1 7 2 8 1 o	3001.5706	3470.9365	0.11	2.14799
2 12 0 4 1 o	5519.5967	5158.0122	179.67	2.13259
3 10 1 8 1 o	12255.4844	12052.1055	180.30	2.11516
6 4 0 4 1 o	1042.4330	1023.2498	179.90	2.11515
2 11 1 8 1 o	556.0682	554.0385	0.29	2.11137
5 6 1 8 1 o	631.7385	632.0796	359.84	2.10659
4 10 0 4 1 o	409.2825	414.2728	179.91	2.10013
3 5 2 8 1 o	5376.3936	5373.7554	180.32	2.09143
0 8 2 4 1 o	4.0325	3.6586	359.41	2.07744
4 0 2 4 1 o	28775.6230	26725.1543	180.08	2.06932
2 7 2 8 1 o	2418.1172	2203.7354	180.22	2.06929
4 1 2 8 1 o	3913.2695	3701.8005	0.70	2.06327
4 9 1 8 1 o	20485.9512	20178.4336	180.10	2.05560
1 8 2 8 1 o	1017.9419	1022.8792	0.09	2.05278
1 13 0 4 1 o	5544.2588	5556.2778	180.17	2.05254
6 1 1 8 1 o	3223.1997	3296.1440	0.11	2.04579
4 2 2 8 1 o	55.1301	56.4211	180.63	2.04544
1 12 1 8 1 o	1742.1050	1805.3779	0.14	2.04523
6 2 1 8 1 o	6233.8975	6316.5845	0.26	2.02840
5 7 1 8 1 o	0.1654	0.1673	352.24	2.02790
3 6 2 8 1 o	1988.5105	1998.9291	179.58	2.02566
4 3 2 8 1 o	720.4877	725.8223	180.58	2.01671
6 3 1 8 1 o	477.6206	518.2902	180.09	2.00038
6 6 0 4 1 o	4289.6528	4776.3394	0.17	1.99622
5 9 0 4 1 o	1937.5586	2177.1143	0.14	1.99574
3 11 1 8 1 o	303.6400	324.2585	0.39	1.99079
2 8 2 8 1 o	247.4993	233.7301	180.04	1.98377
4 4 2 8 1 o	140.5085	130.1057	0.02	1.97846
2 12 1 8 1 o	567.3709	511.9670	180.45	1.97695
6 4 1 8 1 o	4819.9443	4910.3193	0.45	1.96303
1 9 2 8 1 o	1265.2291	1350.3461	180.18	1.95881

3 7 2 8 1 o	0.9809	1.0524	185.83	1.95540
4 10 1 8 1 o	3420.6658	3711.1501	180.66	1.95100
5 8 1 8 1 o	6861.0439	7387.7290	179.99	1.94721
0 13 1 4 1 o	214.3268	227.5690	179.89	1.93257
4 5 2 8 1 o	5141.1841	5384.8013	0.44	1.93233
0 14 0 2 1 o	11571.4209	12070.9717	0.16	1.92881
6 5 1 8 1 o	314.1581	289.4099	179.68	1.91795
1 13 1 8 1 o	1099.8749	939.6520	0.22	1.91267
7 1 0 4 1 o	6132.7114	4830.2798	180.51	1.90436
2 9 2 8 1 o	18.7945	13.9859	180.01	1.89858
0 10 2 4 1 o	231.4640	200.3719	359.73	1.88619
3 8 2 8 1 o	1080.5171	983.3212	180.08	1.88276
3 13 0 4 1 o	7733.3159	7061.5767	0.33	1.88257
4 6 2 8 1 o	3886.8286	3616.9104	179.96	1.88011
3 12 1 8 1 o	2850.1050	2743.7668	0.28	1.87693
5 0 2 4 1 o	11431.9873	10809.7852	180.17	1.87671
5 1 2 8 1 o	5.2686	5.0964	174.67	1.87220
1 10 2 8 1 o	16.5758	16.6955	0.35	1.86768
7 3 0 4 1 o	284.3772	282.0557	1.21	1.86757
6 6 1 8 1 o	3455.6177	3424.6731	180.42	1.86685
5 9 1 8 1 o	7515.5952	7502.5166	0.20	1.86646
4 12 0 4 1 o	3734.9377	3746.3440	359.79	1.86640
6 8 0 4 1 o	412.4463	399.7033	180.13	1.85904
5 2 2 8 1 o	474.5594	454.7707	0.26	1.85884
2 13 1 8 1 o	360.9835	341.6319	180.22	1.85648
2 14 0 4 1 o	291.5233	268.0305	359.98	1.85315
4 11 1 8 1 o	13.4728	12.2653	0.17	1.85212
5 3 2 8 1 o	1260.4700	1195.9048	180.31	1.83720
4 7 2 8 1 o	397.1042	364.5341	0.70	1.82353
2 10 2 8 1 o	2570.8850	2566.5542	180.16	1.81525
6 7 1 8 1 o	159.7184	165.3746	180.36	1.81142
3 9 2 8 1 o	80.1257	84.5124	359.69	1.80947
5 4 2 8 1 o	1255.0475	1283.7511	0.20	1.80814
5 11 0 4 1 o	8736.7656	9211.4033	180.25	1.80798
7 5 0 4 1 o	1324.6034	1275.5195	180.83	1.79996
1 14 1 8 1 o	16.1751	15.3959	0.34	1.79496
7 1 1 8 1 o	497.6884	490.9341	0.00	1.79107
5 10 1 8 1 o	23.2372	23.6368	2.66	1.78711
1 15 0 4 1 o	5453.1953	5721.3965	0.14	1.78411
1 11 2 8 1 o	45.7093	50.5903	359.65	1.78039
7 2 1 8 1 o	525.6840	574.6336	180.36	1.77937
3 13 1 8 1 o	29.8973	34.4216	359.91	1.77291
5 5 2 8 1 o	1550.6313	1739.1211	0.45	1.77273
4 8 2 8 1 o	12.5526	13.5965	0.00	1.76419
7 3 1 8 1 o	226.2302	240.1230	179.29	1.76036
4 12 1 8 1 o	1765.9261	1882.0223	0.43	1.75938
0 1 3 4 1 o	1127.4535	1175.8734	180.15	1.75347
6 8 1 8 1 o	11892.6650	12267.0771	0.49	1.75322
2 14 1 8 1 o	2868.7395	2826.3076	0.42	1.74827
1 1 3 8 1 o	394.7610	357.0656	180.11	1.73857
3 10 2 8 1 o	786.0297	708.8762	180.13	1.73690
2 11 2 8 1 o	5.9087	5.2842	176.86	1.73480
7 4 1 8 1 o	2395.2607	2164.0996	180.37	1.73475
5 6 2 8 1 o	7443.8369	6684.8682	0.02	1.73215

1 2 3 8 1 o	809.7233	712.4782	0.21	1.72786
0 3 3 4 1 o	17607.7207	15458.0986	0.39	1.72463
6 10 0 4 1 o	7.8387	7.1068	2.43	1.71823
0 12 2 4 1 o	2449.6812	2376.0229	180.43	1.71141
7 7 0 4 1 o	2556.7261	2486.0933	180.39	1.71104
1 3 3 8 1 o	211.4964	207.3635	179.87	1.71044
5 11 1 8 1 o	243.7192	239.1048	180.42	1.71019
0 15 1 4 1 o	1395.4349	1431.8353	0.49	1.70363
4 9 2 8 1 o	64.3580	65.9832	180.14	1.70347
7 5 1 8 1 o	168.6560	172.1737	0.52	1.70340
6 0 2 4 1 o	42486.8320	43311.0664	180.15	1.70123
6 1 2 8 1 o	13928.6562	14240.1367	180.41	1.69787
1 12 2 8 1 o	5072.6592	5234.3359	0.46	1.69755
2 1 3 8 1 o	9.7285	10.0022	181.06	1.69605
6 9 1 8 1 o	10769.4492	11025.0957	180.22	1.69359
1 15 1 8 1 o	15788.1250	16114.9316	0.34	1.68995
6 2 2 8 1 o	151.0579	154.4836	0.18	1.68789
0 16 0 2 1 o	10293.6943	10521.4678	180.27	1.68771
5 7 2 8 1 o	4203.9385	4297.8110	0.21	1.68760
1 4 3 8 1 o	1298.3093	1326.8011	0.36	1.68692
2 2 3 8 1 o	91.2112	93.3602	180.04	1.68610
3 14 1 8 1 o	1053.2172	1096.1893	180.62	1.67795
4 13 1 8 1 o	1743.0448	1843.4467	180.11	1.67285
6 3 2 8 1 o	2284.4888	2406.3384	0.44	1.67164
0 5 3 4 1 o	159.3503	169.7527	180.46	1.67096
8 0 0 2 1 o	540.5123	572.0480	181.15	1.67047
4 14 0 4 1 o	3234.7312	3436.5479	0.26	1.67042
2 3 3 8 1 o	13770.4717	14642.1807	180.31	1.66990
3 15 0 4 1 o	2437.4099	2588.5884	180.32	1.66908
7 6 1 8 1 o	3376.4143	3573.8752	0.30	1.66730
3 11 2 8 1 o	112.2554	118.8852	179.54	1.66603
1 5 3 8 1 o	84.4224	88.8622	359.89	1.65805
2 12 2 8 1 o	9740.0635	10266.4941	0.26	1.65789
8 2 0 4 1 o	761.9211	804.9735	359.97	1.65783
2 15 1 8 1 o	3454.3560	3757.1189	180.38	1.65081
6 4 2 8 1 o	11.0657	11.9448	178.58	1.64966
2 4 3 8 1 o	441.2723	483.8636	0.14	1.64799
4 10 2 8 1 o	547.0307	587.3496	180.29	1.64250
5 8 2 8 1 o	20.7404	21.8763	359.95	1.64024
5 13 0 4 1 o	6478.7856	6839.9346	180.39	1.64011
5 12 1 8 1 o	409.9357	420.1147	359.90	1.63638
2 16 0 4 1 o	920.4489	944.6034	180.22	1.63632
6 10 1 8 1 o	5310.1626	5392.7642	0.58	1.63364
3 1 3 8 1 o	720.9930	733.7031	0.10	1.63162
7 7 1 8 1 o	1.7367	1.7996	176.04	1.62746
1 6 3 8 1 o	4330.8447	4586.1455	180.19	1.62470
3 2 3 8 1 o	616.8898	654.5806	180.58	1.62276
6 5 2 8 1 o	6423.7432	6771.1172	180.41	1.62263
8 4 0 4 1 o	60.1774	63.9005	181.27	1.62157
2 5 3 8 1 o	186.5729	199.7467	180.12	1.62104
1 13 2 8 1 o	926.3512	992.6912	180.23	1.61943
7 9 0 4 1 o	0.0183	0.0188	144.71	1.61070
3 3 3 8 1 o	318.1764	321.2815	180.21	1.60830
0 7 3 4 1 o	1759.9368	1671.5372	0.32	1.59910

3 12 2 8 1 o	4778.3452	4564.2520	180.36	1.59757
1 16 1 8 1 o	383.6183	368.5035	0.11	1.59584
4 14 1 8 1 o	4986.8779	4845.2192	180.51	1.59239
6 6 2 8 1 o	1587.6818	1547.5024	0.08	1.59134
3 15 1 8 1 o	12263.3223	11960.9004	180.29	1.59123
5 9 2 8 1 o	2489.7319	2428.5005	180.17	1.59110
2 6 3 8 1 o	637.4333	624.3545	180.18	1.58984
8 1 1 8 1 o	954.6608	932.7815	179.98	1.58967
3 4 3 8 1 o	1683.5042	1649.2928	180.62	1.58870
1 7 3 8 1 o	876.2203	861.3439	180.15	1.58777
2 13 2 8 1 o	874.1351	851.7248	0.51	1.58490
7 8 1 8 1 o	27545.8496	26787.1406	180.32	1.58486
6 12 0 4 1 o	17501.1191	16844.1191	180.14	1.58300
4 11 2 8 1 o	392.6523	375.8168	180.72	1.58219
8 2 1 8 1 o	14.7250	14.0915	356.87	1.58147
1 17 0 4 1 o	48276.4961	45245.4141	180.24	1.57733
6 11 1 8 1 o	392.4289	371.1635	179.81	1.57426
8 3 1 8 1 o	139.1514	144.6837	181.14	1.56808
8 6 0 4 1 o	1169.7068	1263.2561	180.64	1.56608
5 13 1 8 1 o	0.0130	0.0141	214.02	1.56607
3 5 3 8 1 o	47.3724	52.4067	0.28	1.56451
2 16 1 8 1 o	1200.2358	1348.9298	0.26	1.56277
6 7 2 8 1 o	7246.8125	7865.9033	180.24	1.55659
0 14 2 4 1 o	11.1613	12.3492	0.06	1.55656
2 7 3 8 1 o	1628.4788	1768.7073	0.18	1.55518
4 1 3 8 1 o	32.5348	33.9570	359.81	1.55262
8 4 1 8 1 o	3569.3835	3631.5151	180.37	1.54990
1 8 3 8 1 o	36525.7734	36630.4922	0.25	1.54814
7 0 2 4 1 o	240.4065	238.9272	181.54	1.54615
1 14 2 8 1 o	10.7567	10.6878	181.18	1.54610
4 2 3 8 1 o	57.1661	56.5347	180.19	1.54498
7 1 2 8 1 o	23760.7188	23323.3066	180.32	1.54362
5 10 2 8 1 o	746.8972	726.0923	0.14	1.54108
7 9 1 8 1 o	2287.3433	2215.5908	0.59	1.54040
3 6 3 8 1 o	6.2563	5.8652	4.02	1.53641
7 2 2 8 1 o	514.8840	479.8555	180.30	1.53611
4 3 3 8 1 o	9326.5654	8307.4404	0.28	1.53249
3 13 2 8 1 o	2.3412	2.0560	7.34	1.53195
8 5 1 8 1 o	2101.7739	1789.4409	0.09	1.52742
7 3 2 8 1 o	9615.9336	8335.2480	0.29	1.52383
4 12 2 8 1 o	543.5716	463.9654	180.36	1.52319
0 17 1 4 1 o	730.9837	640.4632	180.27	1.52089
6 8 2 8 1 o	212.3032	189.9504	180.17	1.51919
2 8 3 8 1 o	385.0697	348.0859	0.20	1.51788
4 15 1 8 1 o	50.8068	46.0338	0.83	1.51770
0 9 3 4 1 o	124099.9141	114057.3594	0.35	1.51628
6 12 1 8 1 o	2255.9644	2076.0586	180.51	1.51612
2 14 2 8 1 o	640.4487	590.3230	180.40	1.51597
4 4 3 8 1 o	65.8501	60.9247	359.83	1.51550
3 16 1 8 1 o	581.4643	553.2576	180.36	1.51193
1 17 1 8 1 o	10.9101	10.4219	180.68	1.51114
7 4 2 8 1 o	337.0742	324.7907	180.46	1.50712
7 11 0 4 1 o	3643.3408	3520.6743	0.37	1.50703
1 9 3 8 1 o	673.8012	651.8032	0.33	1.50662

4 16 0 4 1 o	2957.6821	2857.0698	180.30	1.50641
3 7 3 8 1 o	52.8031	50.9627	179.92	1.50506
8 6 1 8 1 o	4297.6572	4178.8687	0.39	1.50123
0 18 0 2 1 o	108617.8828	106037.7031	180.34	1.50019
5 14 1 8 1 o	123.0449	120.4777	1.28	1.49946
8 8 0 4 1 o	0.0018	0.0018	110.84	1.49716
3 17 0 4 1 o	629.5242	637.0171	1.01	1.49616
7 10 1 8 1 o	11179.3916	11451.9404	180.32	1.49488
4 5 3 8 1 o	560.9209	575.4561	180.41	1.49447
5 15 0 4 1 o	680.8764	709.2725	0.77	1.49312
5 11 2 8 1 o	1455.1962	1524.4539	180.33	1.49094
7 5 2 8 1 o	4139.0166	4343.9292	180.37	1.48643
2 17 1 8 1 o	76.4343	81.5427	180.42	1.48296
9 1 0 4 1 o	5958.8169	6350.8472	0.54	1.48262
6 9 2 8 1 o	39.5315	42.7000	0.19	1.47990
2 9 3 8 1 o	2477.0247	2726.0156	359.29	1.47869
1 15 2 8 1 o	1239.4131	1369.4370	0.16	1.47747
8 7 1 8 1 o	6119.9351	6424.9009	180.21	1.47195
3 8 3 8 1 o	627.4466	654.3893	180.93	1.47118
4 6 3 8 1 o	89.5608	90.8067	179.70	1.46991
3 14 2 8 1 o	1138.4408	1144.1305	179.97	1.46943
5 1 3 8 1 o	75.0953	72.1601	180.09	1.46612
4 13 2 8 1 o	453.8724	429.6215	181.03	1.46600
9 3 0 4 1 o	3879.5688	3672.9243	180.51	1.46506
1 10 3 8 1 o	9649.1807	8920.0117	0.29	1.46395
2 18 0 4 1 o	527.9186	494.7139	178.08	1.46375
7 6 2 8 1 o	9130.4697	8647.5479	180.21	1.46226
6 13 1 8 1 o	212.1762	201.0230	0.30	1.45969
5 2 3 8 1 o	4718.2764	4503.0264	0.31	1.45968
6 14 0 4 1 o	1540.7480	1475.3304	180.16	1.45807
2 15 2 8 1 o	1467.1259	1464.8892	180.26	1.45110
5 3 3 8 1 o	751.7802	753.6653	180.07	1.44913
7 11 1 8 1 o	247.9619	249.5408	0.31	1.44898
4 16 1 8 1 o	383.8226	387.2145	359.56	1.44843
4 7 3 8 1 o	844.5139	856.1827	0.25	1.44239
5 12 2 8 1 o	0.1064	0.1078	12.87	1.44126
8 8 1 8 1 o	15398.7812	15502.4951	180.36	1.44020
6 10 2 8 1 o	411.3754	412.3230	180.25	1.43939
3 17 1 8 1 o	0.5430	0.5458	1.61	1.43931
2 10 3 8 1 o	23.8325	23.8636	179.82	1.43828
5 15 1 8 1 o	2738.3799	2694.1213	0.21	1.43661
3 9 3 8 1 o	791.6036	768.9038	359.95	1.43541
7 7 2 8 1 o	2689.9419	2604.0396	180.24	1.43516
5 4 3 8 1 o	1403.4359	1353.4232	0.89	1.43474
1 18 1 8 1 o	348.4174	335.1681	180.43	1.43456
9 5 0 4 1 o	811.3328	760.3007	0.71	1.43174
0 11 3 4 1 o	26.7740	24.4859	181.61	1.42885
9 1 1 8 1 o	118.1394	110.1717	0.25	1.42725
0 16 2 4 1 o	6177.8228	5891.7056	0.18	1.42131
9 2 1 8 1 o	2.2680	2.1563	4.13	1.42131
1 11 3 8 1 o	54.1399	51.6405	180.47	1.42076
8 10 0 4 1 o	3346.8352	3185.0303	0.14	1.42062
5 5 3 8 1 o	451.8804	426.3287	0.07	1.41686
1 16 2 8 1 o	562.2052	531.0957	0.40	1.41334

1 19 0 4 1 o	2501.7776	2375.4441	180.34	1.41326
4 8 3 8 1 o	17.9239	17.1145	359.32	1.41248
9 3 1 8 1 o	10.6272	10.2566	187.54	1.41156
8 0 2 4 1 o	35343.7305	34302.3828	180.32	1.41097
4 14 2 8 1 o	339.6256	329.2744	180.09	1.41094
2 18 1 8 1 o	0.7314	0.7138	359.59	1.41039
3 15 2 8 1 o	80.7902	79.1070	359.24	1.41013
8 1 2 8 1 o	17126.0977	16867.0703	0.31	1.40905
8 9 1 8 1 o	34625.0508	34925.7383	180.29	1.40660
7 8 2 8 1 o	1036.7028	1043.8169	180.06	1.40569
7 13 0 4 1 o	11296.9482	11499.2295	0.29	1.40561
6 14 1 8 1 o	2651.0159	2696.4026	0.68	1.40531
8 2 2 8 1 o	161.0511	161.1611	180.32	1.40333
7 12 1 8 1 o	2446.9204	2475.0244	0.38	1.40326
3 10 3 8 1 o	889.4255	866.9406	180.89	1.39836
6 11 2 8 1 o	1199.5050	1170.0292	0.49	1.39828
9 4 1 8 1 o	76.9273	75.0943	0.60	1.39825
2 11 3 8 1 o	99.0901	95.6966	0.36	1.39727
5 6 3 8 1 o	2120.4175	2045.1862	180.55	1.39588
8 3 2 8 1 o	1446.1543	1394.8331	180.56	1.39395
5 13 2 8 1 o	148.6637	142.3767	358.98	1.39253
2 16 2 8 1 o	791.7637	765.2841	0.53	1.39021
9 7 0 4 1 o	5672.8740	5617.7949	179.97	1.38575
4 17 1 8 1 o	47.2909	46.9128	180.63	1.38421
9 5 1 8 1 o	438.6217	435.6149	180.26	1.38168
8 4 2 8 1 o	135.7005	135.0384	180.27	1.38113
4 9 3 8 1 o	4006.2368	3980.0676	0.81	1.38074
6 1 3 8 1 o	878.7344	883.6714	180.23	1.37775
1 12 3 8 1 o	1948.3757	1952.8671	180.29	1.37758
5 16 1 8 1 o	445.1374	446.9641	0.34	1.37745
7 9 2 8 1 o	418.3633	428.8368	359.97	1.37439
3 18 1 8 1 o	899.5925	937.8910	180.28	1.37268
6 2 3 8 1 o	89.0100	92.5616	0.20	1.37240
5 7 3 8 1 o	818.9871	855.1606	180.12	1.37225
0 19 1 4 1 o	453.4566	474.5525	180.33	1.37223
8 10 1 8 1 o	7544.7617	7935.6460	180.38	1.37168
4 18 0 4 1 o	6277.3018	6757.9004	180.60	1.36855
5 17 0 4 1 o	16678.2871	17976.7578	180.60	1.36549
8 5 2 8 1 o	4975.9546	5296.8804	0.35	1.36515
1 19 1 8 1 o	535.7990	575.5197	0.05	1.36506
6 3 3 8 1 o	10.4516	11.0904	178.34	1.36362
9 6 1 8 1 o	14.8964	15.8118	358.53	1.36221
3 11 3 8 1 o	663.1353	704.5187	180.03	1.36058
4 15 2 8 1 o	1.5945	1.6501	171.33	1.35819
7 13 1 8 1 o	34.3144	35.4682	178.89	1.35816
6 12 2 8 1 o	80.5338	81.6347	180.12	1.35706
2 12 3 8 1 o	6.7613	6.7493	180.91	1.35613
3 16 2 8 1 o	1.2176	1.1675	183.30	1.35406
3 19 0 4 1 o	8684.1797	8343.7832	0.38	1.35399
1 17 2 8 1 o	33.9212	32.2211	1.54	1.35349
6 15 1 8 1 o	220.5043	208.8649	180.16	1.35317
6 4 3 8 1 o	28.6543	27.2672	0.50	1.35161
0 20 0 2 1 o	2231.4094	2103.1782	0.40	1.35017
4 10 3 8 1 o	533.6407	508.5106	180.21	1.34767

5 8 3 8 1 o	19459.6367	18713.7773	0.55	1.34642
8 6 2 8 1 o	1546.5568	1491.0703	180.45	1.34635
6 16 0 4 1 o	3501.6885	3382.3101	180.34	1.34516
5 14 2 8 1 o	224.5324	217.0843	180.44	1.34508
2 19 1 8 1 o	319.3343	310.2397	180.29	1.34418
7 10 2 8 1 o	120.9605	119.4084	359.99	1.34177
0 13 3 4 1 o	207.9010	205.1821	0.49	1.34155
8 12 0 4 1 o	4117.8789	4077.4004	0.38	1.34129
9 7 1 8 1 o	1.4182	1.4171	184.27	1.34022
6 5 3 8 1 o	818.0641	835.1168	0.22	1.33663
10 0 0 2 1 o	45142.7148	46235.8008	0.47	1.33638
8 11 1 8 1 o	605.9056	623.2822	0.14	1.33597
1 13 3 8 1 o	165.2921	171.0417	180.18	1.33484
2 17 2 8 1 o	9723.1826	10047.3037	0.33	1.33313
9 9 0 4 1 o	818.0745	850.0912	0.18	1.33081
10 2 0 4 1 o	2.9508	3.0631	178.80	1.32988
8 7 2 8 1 o	1213.9121	1213.2656	0.40	1.32511
4 18 1 8 1 o	0.5870	0.5858	1.21	1.32464
2 20 0 4 1 o	476.6294	461.9167	180.27	1.32342
3 12 3 8 1 o	2.9252	2.7681	175.53	1.32251
5 17 1 8 1 o	171.4597	160.1474	0.12	1.32186
6 6 3 8 1 o	77.1408	70.8638	180.60	1.31897
5 9 3 8 1 o	240.6282	219.2842	0.19	1.31884
0 0 4 2 1 o	30.1307	27.0715	181.90	1.31789
6 13 2 8 1 o	604.9717	557.4818	0.91	1.31615
9 8 1 8 1 o	1137.4934	1050.8503	180.19	1.31612
2 13 3 8 1 o	265.3925	245.8743	359.93	1.31530
7 14 1 8 1 o	2058.4226	1939.0319	180.51	1.31403
4 11 3 8 1 o	856.1956	809.0417	180.38	1.31375
0 2 4 4 1 o	3790.3618	3662.3638	180.13	1.31165
1 0 4 4 1 o	65927.1328	63749.8633	180.34	1.31153
3 19 1 8 1 o	166.0961	160.3005	0.23	1.31142
10 4 0 4 1 o	0.1358	0.1312	171.28	1.31094
1 1 4 8 1 o	100.4831	98.2193	0.74	1.30998
7 15 0 4 1 o	10231.0898	9987.7432	180.30	1.30975
7 11 2 8 1 o	128.6663	125.1703	179.45	1.30828
4 16 2 8 1 o	3758.9922	3669.6470	0.26	1.30788
1 2 4 8 1 o	221.8861	212.9776	0.25	1.30538
0 18 2 4 1 o	17423.7051	16398.4434	180.29	1.30380
6 16 1 8 1 o	3958.5830	3708.7297	0.30	1.30339
8 8 2 8 1 o	972.2652	903.0538	180.07	1.30181
1 20 1 8 1 o	45.6297	42.1396	359.85	1.30173
3 17 2 8 1 o	12365.8242	11336.2139	0.45	1.30115
8 12 1 8 1 o	1658.8636	1515.4283	0.59	1.29988
5 15 2 8 1 o	808.7773	737.4129	179.73	1.29915
6 7 3 8 1 o	544.9061	501.6386	0.55	1.29898
1 3 4 8 1 o	103.8293	94.4386	180.43	1.29782
1 18 2 8 1 o	52526.3633	48032.6797	0.35	1.29764
10 1 1 8 1 o	809.0809	771.9730	0.18	1.29391
9 0 2 4 1 o	26503.4980	25373.3066	0.38	1.29370
0 4 4 4 1 o	785.9616	752.1271	180.25	1.29347
2 0 4 4 1 o	23427.3926	22564.8516	0.36	1.29298
1 14 3 8 1 o	2099.3035	2025.1565	0.40	1.29287
9 1 2 8 1 o	0.4860	0.4716	1.38	1.29222

2 1 4 8 1 o	6748.9023	6613.1470	180.37	1.29150
7 1 3 8 1 o	800.1336	781.6053	0.09	1.29142
9 9 1 8 1 o	43623.3047	43095.0977	180.33	1.29033
5 10 3 8 1 o	4715.2261	4672.4126	0.76	1.28993
10 2 1 8 1 o	3.6653	3.6355	3.42	1.28948
9 2 2 8 1 o	838.6718	836.8691	0.22	1.28780
1 4 4 8 1 o	5.5559	5.5932	0.01	1.28745
2 2 4 8 1 o	774.1561	779.1879	0.20	1.28709
7 2 3 8 1 o	2772.5037	2773.0437	180.39	1.28701
3 13 3 8 1 o	759.3815	763.8288	0.14	1.28456
2 20 1 8 1 o	94.2473	94.5915	359.40	1.28359
10 3 1 8 1 o	61.1768	61.4325	1.65	1.28219
10 6 0 4 1 o	13064.9033	13118.1758	0.40	1.28109
9 3 2 8 1 o	655.5159	662.4779	180.40	1.28054
1 21 0 4 1 o	553.6097	558.7297	0.40	1.27996
2 3 4 8 1 o	550.9053	553.7696	0.46	1.27984
7 3 3 8 1 o	39.6592	40.2754	0.25	1.27976
2 18 2 8 1 o	21830.3516	22009.0918	0.39	1.27966
4 12 3 8 1 o	132.8351	134.3920	0.42	1.27939
6 8 3 8 1 o	162.0915	169.7108	0.38	1.27701
8 9 2 8 1 o	33.4142	35.0788	359.99	1.27683
6 14 2 8 1 o	764.3953	818.3209	180.33	1.27587
2 14 3 8 1 o	0.8356	0.9130	178.56	1.27509
1 5 4 8 1 o	6.6388	7.3478	180.53	1.27448
7 12 2 8 1 o	869.6544	950.5121	0.44	1.27433
10 4 1 8 1 o	1.4633	1.6116	2.56	1.27219
7 15 1 8 1 o	60.5847	67.6201	178.79	1.27111
9 4 2 8 1 o	900.1064	980.1843	0.29	1.27058
9 11 0 4 1 o	189.4697	210.2566	180.79	1.27052
2 4 4 8 1 o	1101.9823	1222.6880	0.12	1.26990
7 4 3 8 1 o	2318.9001	2511.6160	180.54	1.26982
5 18 1 8 1 o	563.4842	620.9592	180.36	1.26969
4 19 1 8 1 o	2046.9067	2243.4932	180.21	1.26934
0 6 4 4 1 o	53.8695	54.8392	181.59	1.26478
8 13 1 8 1 o	1907.4752	1917.0110	180.22	1.26379
3 0 4 4 1 o	2260.9492	2270.0833	0.94	1.26374
9 10 1 8 1 o	57.4676	57.4387	179.80	1.26322
8 14 0 4 1 o	940.3260	931.5628	0.34	1.26274
3 1 4 8 1 o	5793.7627	5725.5488	0.44	1.26236
5 11 3 8 1 o	11.8498	11.6393	359.92	1.26009
4 17 2 8 1 o	781.4792	764.6592	181.47	1.26002
10 5 1 8 1 o	283.7554	280.2682	179.88	1.25967
1 6 4 8 1 o	5802.1162	5667.1934	180.50	1.25915
3 2 4 8 1 o	39.6800	39.2807	180.58	1.25824
9 5 2 8 1 o	756.1356	755.8647	0.30	1.25811
0 15 3 4 1 o	13782.8760	13731.1240	0.42	1.25746
2 5 4 8 1 o	1595.5658	1591.4919	180.49	1.25744
7 5 3 8 1 o	177.1147	178.1765	180.13	1.25737
6 17 1 8 1 o	1352.7399	1381.2883	180.21	1.25600
3 20 1 8 1 o	587.4610	608.9834	0.34	1.25497
5 16 2 8 1 o	30.2282	31.3857	359.84	1.25491
5 19 0 4 1 o	7402.2046	7693.1040	180.51	1.25485
6 9 3 8 1 o	611.7943	642.2899	0.99	1.25340
1 15 3 8 1 o	311.0183	333.6171	179.96	1.25193

4 20 0 4 1 o	2352.3508	2504.3252	0.35	1.25181
3 3 4 8 1 o	1561.5414	1665.4296	180.26	1.25147
3 18 2 8 1 o	4609.8203	4920.3325	180.61	1.25130
8 10 2 8 1 o	31.2103	32.9458	180.94	1.25055
0 21 1 4 1 o	2810.9824	2957.6396	180.34	1.24925
3 14 3 8 1 o	3978.4971	4099.8467	180.45	1.24703
1 19 2 8 1 o	2.8743	2.9062	182.15	1.24552
4 13 3 8 1 o	51.8033	52.0327	180.24	1.24493
10 6 1 8 1 o	332.9505	334.1201	180.91	1.24486
6 18 0 4 1 o	124.2937	123.9761	358.44	1.24427
1 21 1 8 1 o	4441.9336	4412.0586	180.48	1.24382
9 6 2 8 1 o	8690.9727	8601.1602	0.35	1.24335
2 6 4 8 1 o	45.1175	44.3388	2.07	1.24271
7 6 3 8 1 o	1874.5020	1843.9697	0.51	1.24264
10 8 0 4 1 o	1918.1239	1883.3027	180.16	1.24254
3 4 4 8 1 o	205.0385	200.6011	180.23	1.24216
1 7 4 8 1 o	329.7260	321.1648	180.22	1.24172
7 13 2 8 1 o	354.9033	341.6299	0.66	1.24027
6 15 2 8 1 o	1335.3276	1245.4363	180.52	1.23647
2 15 3 8 1 o	6413.0220	5939.5142	180.45	1.23577
3 21 0 4 1 o	740.6007	689.4422	180.43	1.23543
9 11 1 8 1 o	48.0440	44.7270	180.10	1.23516
3 5 4 8 1 o	937.6614	881.5236	0.51	1.23050
5 12 3 8 1 o	4456.5410	4202.1689	180.44	1.22967
2 19 2 8 1 o	2487.2986	2342.1206	0.43	1.22960
7 16 1 8 1 o	2150.8931	2025.6279	180.27	1.22958
6 10 3 8 1 o	0.1614	0.1530	6.34	1.22851
10 7 1 8 1 o	111.6884	106.1255	359.88	1.22801
8 14 1 8 1 o	2534.0693	2399.1306	180.53	1.22800
2 21 1 8 1 o	4165.0845	3948.5012	0.32	1.22797
0 8 4 4 1 o	322.3948	304.4055	180.13	1.22763
0 22 0 2 1 o	3300.4436	3141.9395	180.31	1.22743
9 7 2 8 1 o	19.8509	19.0754	1.35	1.22656
4 0 4 4 1 o	1264.4268	1217.0961	0.27	1.22595
2 7 4 8 1 o	116.1574	111.3620	180.71	1.22595
7 7 3 8 1 o	368.7429	356.3878	0.09	1.22588
4 1 4 8 1 o	815.7827	796.1878	1.32	1.22469
8 11 2 8 1 o	154.1757	153.0859	359.26	1.22330
1 8 4 8 1 o	10.5916	10.6512	0.43	1.22249
7 17 0 4 1 o	12413.5596	12675.0469	0.38	1.22105
4 2 4 8 1 o	15.5383	15.8445	179.74	1.22093
5 19 1 8 1 o	12.9096	13.2100	359.68	1.22074
4 20 1 8 1 o	2329.5232	2426.1880	0.35	1.21794
3 6 4 8 1 o	4244.0903	4447.0518	0.42	1.21669
4 3 4 8 1 o	70.3449	74.5626	181.82	1.21474
4 18 2 8 1 o	146.1676	155.3383	359.83	1.21459
11 1 0 4 1 o	10640.2246	11359.8955	0.22	1.21366
5 17 2 8 1 o	2202.1589	2390.1208	359.89	1.21245
1 16 3 8 1 o	936.5143	1023.7687	0.26	1.21219
6 18 1 8 1 o	208.4619	228.9106	180.20	1.21099
4 14 3 8 1 o	236.1095	259.6344	180.27	1.21068
3 15 3 8 1 o	10.8741	12.0037	359.53	1.21017
8 1 3 8 1 o	158.5467	169.9960	180.17	1.20948
10 8 1 8 1 o	698.3026	759.4572	179.71	1.20940

9 8 2 8 1 o	152.7950	163.2966	0.01	1.20801
9 13 0 4 1 o	1795.9387	1941.0594	180.30	1.20796
2 8 4 8 1 o	697.1238	750.3583	0.14	1.20743
7 8 3 8 1 o	7201.2676	7618.4326	180.42	1.20736
2 22 0 4 1 o	557.3737	592.4491	0.28	1.20723
9 12 1 8 1 o	52.7343	55.3374	359.47	1.20647
7 14 2 8 1 o	10.5774	11.0770	178.82	1.20639
4 4 4 8 1 o	658.5030	687.2409	180.15	1.20622
8 2 3 8 1 o	0.0541	0.0557	183.89	1.20586
3 19 2 8 1 o	376.1380	377.5639	0.88	1.20437
11 3 0 4 1 o	432.5282	431.4735	0.57	1.20397
3 21 1 8 1 o	3292.5220	3213.5378	0.41	1.20284
6 11 3 8 1 o	205.5501	200.5526	0.28	1.20265
1 9 4 8 1 o	104.6672	99.8029	0.43	1.20173
0 20 2 4 1 o	43.7429	41.9342	179.94	1.20168
3 7 4 8 1 o	27.2297	25.9030	0.93	1.20094
8 3 3 8 1 o	47.4153	45.6674	357.58	1.19989
5 13 3 8 1 o	169.3382	161.1853	180.16	1.19899
6 16 2 8 1 o	736.0975	703.0219	0.36	1.19814
10 10 0 4 1 o	1769.4865	1695.3812	0.22	1.19773
2 16 3 8 1 o	49.7654	47.6113	0.15	1.19750
1 20 2 8 1 o	125.1152	120.4138	359.57	1.19685
4 5 4 8 1 o	1496.5448	1451.9078	0.76	1.19554
8 12 2 8 1 o	1017.4114	988.3002	0.50	1.19541
8 15 1 8 1 o	1291.7542	1268.5433	180.45	1.19275
10 0 2 4 1 o	179.4863	177.7866	178.92	1.19193
8 4 3 8 1 o	50.4358	50.0418	180.32	1.19168
10 1 2 8 1 o	67.7682	67.6744	181.20	1.19077
1 22 1 8 1 o	76.8377	76.7541	180.64	1.19069
7 17 1 8 1 o	110.7010	111.9098	359.99	1.18956
10 9 1 8 1 o	913.4669	924.4752	0.54	1.18929
9 9 2 8 1 o	344.4781	351.5711	180.31	1.18797
2 9 4 8 1 o	56.9676	58.7633	180.09	1.18741
7 9 3 8 1 o	0.2982	0.3053	3.24	1.18735
10 2 2 8 1 o	0.0053	0.0054	337.39	1.18731
8 16 0 4 1 o	30.6578	31.5932	180.22	1.18725
11 5 0 4 1 o	2289.7820	2359.7683	0.24	1.18527
0 10 4 4 1 o	439.0363	455.0546	179.91	1.18436
3 8 4 8 1 o	0.3442	0.3557	180.80	1.18351
4 6 4 8 1 o	216.6203	223.2988	359.90	1.18285
11 1 1 8 1 o	1516.3768	1557.7266	180.14	1.18272
2 20 2 8 1 o	827.1102	853.3458	180.46	1.18271
5 0 4 4 1 o	14174.4551	14556.8398	180.20	1.18201
10 3 2 8 1 o	580.9951	594.4023	0.67	1.18161
8 5 3 8 1 o	873.7852	893.2094	180.38	1.18138
5 1 4 8 1 o	416.3634	426.2377	359.83	1.18088
1 10 4 8 1 o	73.7191	75.5184	0.19	1.17974
11 2 1 8 1 o	1093.3104	1110.9764	180.15	1.17933
0 17 3 4 1 o	338.6508	343.7493	0.19	1.17835
5 2 4 8 1 o	158.5499	159.4500	0.42	1.17750
9 13 1 8 1 o	583.0692	586.7948	180.42	1.17745
4 15 3 8 1 o	5207.7607	5218.2021	0.35	1.17686
2 22 1 8 1 o	1144.9478	1145.7839	180.41	1.17676
6 12 3 8 1 o	0.5442	0.5418	185.49	1.17612

5 20 1 8 1 o	708.7089	698.0244	180.37	1.17482
3 16 3 8 1 o	101.4660	99.3929	359.34	1.17417
1 17 3 8 1 o	33.7639	32.9740	180.26	1.17379
10 4 2 8 1 o	428.8616	420.6024	0.27	1.17377
11 3 1 8 1 o	2574.3516	2522.0347	0.64	1.17375
7 15 2 8 1 o	871.2310	848.3226	180.51	1.17292
5 3 4 8 1 o	554.6878	538.9819	0.13	1.17195
5 18 2 8 1 o	10976.9551	10639.6992	0.20	1.17181
4 19 2 8 1 o	534.8917	518.1215	181.21	1.17153
4 21 1 8 1 o	1958.5369	1896.3810	180.22	1.17012
1 23 0 4 1 o	1575.8024	1527.1257	180.48	1.16956
8 6 3 8 1 o	359.0888	348.6427	0.30	1.16913
4 7 4 8 1 o	33.4388	32.4222	178.28	1.16837
6 19 1 8 1 o	153.3510	148.6749	180.36	1.16830
5 14 3 8 1 o	7131.8872	6915.2378	0.54	1.16830
10 10 1 8 1 o	0.0572	0.0554	34.48	1.16796
8 13 2 8 1 o	81.4989	79.0906	181.45	1.16716
9 10 2 8 1 o	431.7620	419.1161	0.16	1.16672
2 10 4 8 1 o	1486.1271	1442.5027	0.19	1.16619
7 10 3 8 1 o	4224.9048	4101.3633	180.52	1.16612
11 4 1 8 1 o	423.2300	410.8618	0.17	1.16606
3 9 4 8 1 o	82.7848	80.3406	179.81	1.16465
5 4 4 8 1 o	112.8878	109.5735	0.52	1.16430
10 5 2 8 1 o	613.2147	595.2676	180.29	1.16392
6 17 2 8 1 o	6422.6963	6249.7417	0.62	1.16102
2 17 3 8 1 o	388.2167	378.4571	0.35	1.16044
3 20 2 8 1 o	10.2715	10.0030	1.93	1.16021
11 7 0 4 1 o	199.6812	193.3268	180.38	1.15878
5 21 0 4 1 o	5308.6948	5150.0225	0.39	1.15875
8 16 1 8 1 o	97.2631	94.0801	181.07	1.15824
1 11 4 8 1 o	363.4035	346.1088	0.24	1.15678
11 5 1 8 1 o	0.0830	0.0784	355.92	1.15640
8 7 3 8 1 o	716.5872	665.5652	0.08	1.15514
5 5 4 8 1 o	238.0515	218.9069	180.74	1.15468
3 22 1 8 1 o	4.5219	4.1430	177.39	1.15460
6 20 0 4 1 o	2.5316	2.3153	0.09	1.15459
4 8 4 8 1 o	134.4545	120.4244	180.14	1.15230
10 6 2 8 1 o	1010.9807	916.4840	0.58	1.15221
4 22 0 4 1 o	129.4592	115.9968	180.37	1.15213
1 21 2 8 1 o	380.7002	340.5502	180.14	1.15138
7 18 1 8 1 o	697.9359	624.5864	180.31	1.15111
6 13 3 8 1 o	83.0921	75.9064	0.85	1.14919
10 12 0 4 1 o	11255.5596	10280.7969	180.41	1.14903
9 14 1 8 1 o	458.8253	422.9050	0.32	1.14834
0 23 1 4 1 o	2.1599	2.0605	359.89	1.14598
10 11 1 8 1 o	301.4519	288.8110	180.02	1.14567
9 15 0 4 1 o	1089.6185	1047.1329	0.66	1.14549
11 6 1 8 1 o	894.0827	864.7125	0.41	1.14491
3 10 4 8 1 o	489.0075	475.7863	180.17	1.14460
9 11 2 8 1 o	1.1731	1.1402	185.60	1.14450
2 11 4 8 1 o	6.1101	5.9937	2.81	1.14400
7 11 3 8 1 o	93.1133	91.0513	180.20	1.14394
4 16 3 8 1 o	11.4554	11.2655	360.00	1.14367
5 6 4 8 1 o	32.7347	32.2581	181.01	1.14324

1 23 1 8 1 o	994.7725	993.3506	0.31	1.14179
7 16 2 8 1 o	8.9863	9.0581	2.00	1.14006
7 19 0 4 1 o	9665.9668	9767.0273	0.39	1.14002
8 8 3 8 1 o	539.8552	540.4073	180.24	1.13961
3 17 3 8 1 o	32.1897	32.5424	180.04	1.13917
10 7 2 8 1 o	221.8753	221.8170	180.48	1.13881
8 14 2 8 1 o	591.9478	594.6868	180.20	1.13880
2 21 2 8 1 o	88.2679	88.9133	180.72	1.13877
5 15 3 8 1 o	555.4589	555.2049	180.10	1.13782
0 12 4 4 1 o	16.4686	16.4039	2.49	1.13721
1 18 3 8 1 o	604.1808	597.7493	0.33	1.13681
3 23 0 4 1 o	2798.5000	2716.1511	0.55	1.13529
4 9 4 8 1 o	143.7993	138.8651	0.09	1.13487
6 0 4 4 1 o	12719.2979	12262.7012	0.24	1.13421
6 1 4 8 1 o	3837.1362	3679.9314	180.71	1.13321
9 1 3 8 1 o	383.2545	368.7429	180.09	1.13316
1 12 4 8 1 o	7.2716	6.9094	170.45	1.13312
5 19 2 8 1 o	91.3673	87.0791	181.74	1.13300
11 7 1 8 1 o	0.6851	0.6537	2.46	1.13176
5 21 1 8 1 o	255.7470	243.2405	180.35	1.13173
4 20 2 8 1 o	218.5695	207.8568	180.14	1.13076
6 2 4 8 1 o	1779.0308	1700.1332	0.10	1.13023
9 2 3 8 1 o	87.3637	83.7800	179.18	1.13018
5 7 4 8 1 o	389.4984	371.3151	180.43	1.13014
2 23 1 8 1 o	14.9206	14.2196	358.64	1.12949
6 20 1 8 1 o	1528.6655	1457.7865	180.46	1.12786
11 9 0 4 1 o	613.6555	592.2830	0.28	1.12608
4 22 1 8 1 o	650.5292	630.3197	0.74	1.12556
6 3 4 8 1 o	712.3489	695.3030	0.81	1.12531
9 3 3 8 1 o	0.0557	0.0546	188.76	1.12526
6 18 2 8 1 o	11168.0244	10865.5068	0.20	1.12519
0 24 0 2 1 o	684.9307	668.3114	181.49	1.12514
2 18 3 8 1 o	48.0037	46.9888	180.14	1.12466
8 17 1 8 1 o	21.8353	21.4192	359.66	1.12460
10 8 2 8 1 o	398.5062	396.0774	180.21	1.12391
3 11 4 8 1 o	0.0357	0.0356	339.03	1.12360
8 9 3 8 1 o	7975.1221	8057.1968	180.39	1.12274
10 12 1 8 1 o	1744.1646	1767.0183	180.47	1.12267
6 14 3 8 1 o	9.6354	9.8453	0.94	1.12208
9 12 2 8 1 o	1796.3420	1844.6670	180.58	1.12156
2 12 4 8 1 o	61.4867	63.8724	181.52	1.12109
7 12 3 8 1 o	288.3803	297.6760	1.02	1.12104
9 15 1 8 1 o	250.8293	262.2579	181.48	1.11936
3 21 2 8 1 o	150.0367	157.0819	180.88	1.11865
6 4 4 8 1 o	94.8840	98.9459	180.51	1.11854
9 4 3 8 1 o	784.0792	815.4078	0.53	1.11848
11 8 1 8 1 o	3217.5889	3362.4600	180.35	1.11714
4 10 4 8 1 o	14.3109	14.9792	179.07	1.11630
8 18 0 4 1 o	2291.7363	2399.7891	0.66	1.11616
5 8 4 8 1 o	326.0693	340.8888	180.16	1.11558
7 19 1 8 1 o	1062.9639	1110.7296	180.09	1.11426
12 0 0 2 1 o	1499.0050	1560.3143	359.07	1.11365
0 22 2 4 1 o	373.4221	387.4746	0.04	1.11269
4 17 3 8 1 o	156.3603	160.6473	0.32	1.11125

8 15 2 8 1 o	1772.3029	1813.5209	0.46	1.11052
6 5 4 8 1 o	1229.6040	1257.1407	180.82	1.11000
9 5 3 8 1 o	38.3981	39.3383	0.27	1.10995
12 2 0 4 1 o	949.3904	969.6728	0.29	1.10988
3 23 1 8 1 o	495.9847	505.5311	359.87	1.10984
2 24 0 4 1 o	994.7555	1013.1846	179.36	1.10952
1 13 4 8 1 o	120.1124	121.4665	179.86	1.10897
1 22 2 8 1 o	348.2944	353.3261	0.49	1.10886
7 17 2 8 1 o	17757.8203	18008.1270	0.40	1.10794
5 16 3 8 1 o	398.5037	403.9573	0.76	1.10775
10 9 2 8 1 o	5.4205	5.5253	179.82	1.10772
3 18 3 8 1 o	345.5789	354.9661	0.43	1.10526
0 19 3 4 1 o	561.2580	577.6567	0.22	1.10503
8 10 3 8 1 o	1.5694	1.6317	181.59	1.10474
11 0 2 4 1 o	2865.2607	3038.3499	181.01	1.10333
11 1 2 8 1 o	603.2601	648.4905	180.53	1.10241
3 12 4 8 1 o	0.0835	0.0908	263.31	1.10187
1 19 3 8 1 o	24.2257	26.6969	180.08	1.10127
11 9 1 8 1 o	6862.2837	7539.7095	0.72	1.10123
6 6 4 8 1 o	309.9450	347.9048	0.15	1.09982
9 6 3 8 1 o	1724.0421	1926.5234	180.58	1.09977
5 9 4 8 1 o	1500.6694	1693.3845	0.21	1.09974
11 2 2 8 1 o	4.8086	5.3825	179.98	1.09966
10 13 1 8 1 o	843.8242	960.9715	0.24	1.09917
12 4 0 4 1 o	509.2420	579.3971	0.13	1.09880
10 14 0 4 1 o	8.7456	10.0563	178.94	1.09848
9 13 2 8 1 o	59.6094	68.2554	359.56	1.09813
2 13 4 8 1 o	1538.2151	1786.7928	0.39	1.09769
7 13 3 8 1 o	183.7416	210.6740	0.14	1.09764
2 22 2 8 1 o	5.2038	6.0050	178.18	1.09758
4 11 4 8 1 o	1252.8656	1443.7537	180.42	1.09679
1 24 1 8 1 o	527.4031	604.8386	0.28	1.09665
5 20 2 8 1 o	165.1150	189.0628	359.79	1.09600
11 3 2 8 1 o	794.0524	892.9199	0.48	1.09513
6 15 3 8 1 o	136.4730	154.1875	179.71	1.09500
4 21 2 8 1 o	376.1407	411.4518	0.64	1.09218
8 18 1 8 1 o	4.2281	4.6168	179.47	1.09195
5 22 1 8 1 o	197.8145	215.4682	180.84	1.09127
6 19 2 8 1 o	1154.8811	1256.8978	0.84	1.09070
9 16 1 8 1 o	102.0900	111.1042	179.87	1.09069
10 10 2 8 1 o	347.8403	379.7057	360.00	1.09043
2 19 3 8 1 o	921.8890	1002.7731	0.29	1.09022
6 21 1 8 1 o	608.5398	664.0312	0.11	1.08957
11 4 2 8 1 o	183.8682	201.5303	180.27	1.08888
11 11 0 4 1 o	2767.1238	3030.2378	0.20	1.08885
12 1 1 8 1 o	115.5876	126.7137	179.95	1.08871
6 7 4 8 1 o	1052.3950	1155.7463	180.47	1.08815
0 14 4 4 1 o	366.6823	403.0491	179.98	1.08814
9 7 3 8 1 o	5.2111	5.7237	0.60	1.08810
12 2 1 8 1 o	475.6592	524.0504	180.14	1.08607
8 11 3 8 1 o	1241.6140	1367.9105	180.25	1.08582
2 24 1 8 1 o	1729.0270	1905.2678	0.27	1.08573
9 17 0 4 1 o	10850.4482	11935.4082	180.49	1.08473
7 0 4 4 1 o	284.8164	313.7133	358.98	1.08457

1 14 4 8 1 o	389.1092	427.5514	180.36	1.08455
11 10 1 8 1 o	1.3482	1.4832	355.94	1.08424
4 23 1 8 1 o	77.5968	85.3008	180.14	1.08399
7 1 4 8 1 o	6208.9810	6841.4155	0.42	1.08369
5 10 4 8 1 o	386.1885	425.2108	0.20	1.08281
8 16 2 8 1 o	1347.8378	1485.5134	0.43	1.08250
12 3 1 8 1 o	587.8979	651.7194	180.71	1.08170
7 2 4 8 1 o	45.9379	51.1506	180.62	1.08109
12 6 0 4 1 o	5815.6499	6475.2095	180.47	1.08104
11 5 2 8 1 o	3.4710	3.8672	180.39	1.08100
4 18 3 8 1 o	125.6902	141.6651	180.12	1.07972
3 13 4 8 1 o	109.9812	124.1030	180.73	1.07963
3 22 2 8 1 o	36.2403	40.8974	180.62	1.07953
7 20 1 8 1 o	177.5033	201.1156	0.60	1.07901
5 17 3 8 1 o	17.7579	20.1935	0.13	1.07821
7 3 4 8 1 o	2029.9967	2304.0225	180.31	1.07678
7 18 2 8 1 o	358.6410	408.2261	179.22	1.07667
1 25 0 4 1 o	1642.4673	1867.7517	180.27	1.07662
4 12 4 8 1 o	324.7869	369.7822	179.99	1.07656
12 4 1 8 1 o	335.7335	381.1008	0.62	1.07568
10 14 1 8 1 o	93.3495	105.9992	0.68	1.07538
6 8 4 8 1 o	154.0871	174.8047	0.17	1.07514
9 8 3 8 1 o	8023.9629	9097.5586	0.50	1.07509
6 22 0 4 1 o	168.9559	191.6992	180.70	1.07500
5 23 0 4 1 o	6150.0518	6976.3145	180.57	1.07492
9 14 2 8 1 o	188.2146	213.2489	0.02	1.07441
2 14 4 8 1 o	660.4614	747.3470	0.25	1.07399
7 14 3 8 1 o	2830.8132	3204.4810	180.55	1.07395
3 19 3 8 1 o	196.8679	222.0681	0.13	1.07252
10 11 2 8 1 o	0.0333	0.0376	151.02	1.07222
11 6 2 8 1 o	6427.9229	7275.0620	180.42	1.07160
7 4 4 8 1 o	2.8433	3.2229	183.17	1.07084
1 23 2 8 1 o	58.0900	66.2582	359.97	1.06904
3 24 1 8 1 o	17.1263	19.7689	180.49	1.06825
6 16 3 8 1 o	199.0952	230.2782	0.17	1.06812
12 5 1 8 1 o	838.0211	972.0392	0.26	1.06808
1 20 3 8 1 o	30.2393	35.6093	359.48	1.06720
7 21 0 4 1 o	789.6318	947.0355	180.64	1.06651
11 11 1 8 1 o	42.2068	50.7914	180.75	1.06634
4 24 0 4 1 o	61.5420	74.1819	358.21	1.06630
8 12 3 8 1 o	56.7335	68.4348	0.53	1.06618
5 11 4 8 1 o	141.4137	176.4872	0.60	1.06498
7 5 4 8 1 o	598.6133	759.1117	0.55	1.06334
10 1 3 8 1 o	2495.1030	3141.1194	180.19	1.06288
9 17 1 8 1 o	1.7502	2.2839	1.53	1.06247
6 9 4 8 1 o	26.2276	33.4225	180.03	1.06094
9 9 3 8 1 o	556.8409	702.2306	180.28	1.06089
11 7 2 8 1 o	350.7529	442.0950	180.22	1.06079
5 21 2 8 1 o	15.5445	19.9748	178.56	1.06077
10 2 3 8 1 o	180.8086	224.6203	0.18	1.06042
8 19 1 8 1 o	836.9738	1066.7986	180.26	1.06034
1 15 4 8 1 o	114.3300	145.7208	0.10	1.06004
12 6 1 8 1 o	305.9888	373.1331	0.48	1.05901
2 23 2 8 1 o	970.6050	1187.1876	0.57	1.05892

0 25 1 4 1 o	375.1901	448.3972	0.35	1.05815
6 20 2 8 1 o	206.8073	243.5647	180.55	1.05758
12 8 0 4 1 o	266.1712	313.5603	0.22	1.05757
2 20 3 8 1 o	112.9795	131.5657	0.10	1.05714
3 14 4 8 1 o	8.0131	9.3135	178.53	1.05706
10 3 3 8 1 o	1139.6948	1315.3511	0.91	1.05635
4 13 4 8 1 o	1251.6886	1425.4636	180.61	1.05578
4 22 2 8 1 o	513.6355	584.6516	0.22	1.05568
8 17 2 8 1 o	5680.2998	6429.9146	180.49	1.05489
1 25 1 8 1 o	304.2041	344.4859	180.60	1.05485
7 6 4 8 1 o	585.7346	662.9955	180.53	1.05438
0 1 5 4 1 o	361.0070	406.5547	0.21	1.05351
6 22 1 8 1 o	1237.6278	1394.2419	180.54	1.05332
10 12 2 8 1 o	1532.8558	1727.2375	180.44	1.05330
5 23 1 8 1 o	867.7014	977.4384	0.30	1.05325
10 15 1 8 1 o	182.2625	204.1176	0.92	1.05147
10 4 3 8 1 o	118.9792	132.2381	180.10	1.05074
9 15 2 8 1 o	11.3906	12.6583	2.74	1.05056
1 1 5 8 1 o	49.8774	55.3181	0.06	1.05025
2 15 4 8 1 o	1913.5044	2120.2693	180.29	1.05018
7 15 3 8 1 o	256.2187	283.5013	0.19	1.05013
8 20 0 4 1 o	1282.6871	1418.7728	0.26	1.05006
3 25 0 4 1 o	109.8757	121.0209	0.55	1.04972
5 18 3 8 1 o	38.8184	42.5497	0.72	1.04933
4 19 3 8 1 o	27.1122	29.6380	179.81	1.04913
11 8 2 8 1 o	117.6190	128.2991	0.24	1.04872
11 13 0 4 1 o	36.9851	40.2338	359.44	1.04869
12 7 1 8 1 o	1031.3265	1122.3678	180.29	1.04857
1 2 5 8 1 o	13.0621	14.0459	179.43	1.04787
11 12 1 8 1 o	1294.1417	1395.1971	0.39	1.04771
10 16 0 4 1 o	3868.1238	4161.5303	180.37	1.04770
0 3 5 4 1 o	575.6956	614.9334	0.79	1.04715
5 12 4 8 1 o	1347.2792	1440.5778	180.03	1.04643
7 19 2 8 1 o	112.3463	120.0204	1.54	1.04634
8 13 3 8 1 o	4.0287	4.3162	356.44	1.04599
6 10 4 8 1 o	766.8939	820.9168	0.24	1.04571
9 10 3 8 1 o	3593.0168	3856.5803	0.50	1.04567
7 21 1 8 1 o	45.3745	48.4364	181.47	1.04534
4 24 1 8 1 o	150.9111	161.3737	359.32	1.04513
2 25 1 8 1 o	2549.3018	2727.9915	0.41	1.04513
7 7 4 8 1 o	83.4044	89.8415	0.66	1.04409
1 3 5 8 1 o	4484.3926	4814.7495	180.45	1.04395
10 5 3 8 1 o	518.7518	560.4615	0.11	1.04366
3 23 2 8 1 o	1803.9497	1958.4741	0.53	1.04268
6 17 3 8 1 o	343.6899	375.0509	0.25	1.04157
3 20 3 8 1 o	0.1776	0.1941	157.98	1.04098
2 1 5 8 1 o	31.2186	34.1153	0.54	1.04065
0 16 4 4 1 o	1122.8368	1209.9159	180.23	1.03872
0 26 0 2 1 o	3.2070	3.4521	358.85	1.03859
1 4 5 8 1 o	441.0803	474.3683	0.29	1.03853
2 2 5 8 1 o	139.4752	149.7189	180.59	1.03834
0 21 3 4 1 o	5543.5215	5913.0713	180.49	1.03770
12 8 1 8 1 o	468.8505	498.2346	0.55	1.03691
1 16 4 8 1 o	418.9617	438.7785	0.37	1.03559

11 9 2 8 1 o	14.4543	15.2820 180.72 1.03553
10 6 3 8 1 o	21.3072	22.5846 359.76 1.03519
0 24 2 4 1 o	1568.5006	1647.7208 180.49 1.03480
9 18 1 8 1 o	222.1857	233.2004 180.51 1.03480
0 5 5 4 1 o	167.6097	175.2128 180.17 1.03478
8 0 4 4 1 o	3269.5593	3466.0972 0.62 1.03466
4 14 4 8 1 o	23.4935	24.6440 179.83 1.03465
1 21 3 8 1 o	315.7856	330.9384 180.26 1.03459
2 3 5 8 1 o	2902.5942	3040.0474 180.44 1.03452
3 15 4 8 1 o	133.9728	140.4303 179.97 1.03433
8 1 4 8 1 o	4425.6436	4702.5459 0.51 1.03390
10 13 2 8 1 o	255.0462	269.6827 180.06 1.03382
7 8 4 8 1 o	61.7030	66.0256 179.97 1.03257
1 24 2 8 1 o	2758.0664	2972.4353 0.59 1.03171
1 5 5 8 1 o	4.3903	4.7257 180.12 1.03169
8 2 4 8 1 o	259.4107	280.8703 0.38 1.03164
8 20 1 8 1 o	6.0777	6.7249 4.00 1.02983
6 11 4 8 1 o	1679.7982	1862.2390 0.42 1.02963
9 11 3 8 1 o	736.7922	816.7990 0.20 1.02958
12 10 0 4 1 o	910.2273	1010.3843 0.26 1.02953
3 25 1 8 1 o	16.3016	18.1035 178.96 1.02950
2 4 5 8 1 o	391.6366	436.7208 180.64 1.02925
11 13 1 8 1 o	17.5144	19.6626 1.03 1.02854
8 3 4 8 1 o	797.9006	899.4921 180.73 1.02789
8 18 2 8 1 o	7607.0400	8607.5107 0.45 1.02780
10 16 1 8 1 o	272.1874	308.6566 179.86 1.02760
5 13 4 8 1 o	499.5213	567.9374 0.51 1.02732
13 1 0 4 1 o	25.7127	29.2106 358.29 1.02724
5 22 2 8 1 o	19.7185	22.4456 180.61 1.02723
9 16 2 8 1 o	269.7118	308.2358 180.54 1.02675
9 19 0 4 1 o	3565.7771	4081.3513 180.38 1.02672
2 16 4 8 1 o	74.0258	85.0943 181.35 1.02639
7 16 3 8 1 o	1194.2133	1370.1255 180.41 1.02635
2 26 0 4 1 o	1959.9839	2249.7397 180.30 1.02627
12 0 2 4 1 o	4307.3901	4947.8340 180.76 1.02584
6 21 2 8 1 o	717.5627	828.4564 180.60 1.02581
10 7 3 8 1 o	252.8604	291.4376 0.65 1.02544
8 14 3 8 1 o	147.6314	170.7163 180.29 1.02543
2 21 3 8 1 o	4316.7549	5008.9858 0.43 1.02541
3 1 5 8 1 o	0.0326	0.0378 176.60 1.02523
12 1 2 8 1 o	0.4377	0.5059 192.86 1.02510
12 9 1 8 1 o	8266.7109	9662.9453 180.53 1.02416
1 6 5 8 1 o	158.5217	187.3678 180.21 1.02350
3 2 5 8 1 o	36.5700	43.2466 359.43 1.02302
12 2 2 8 1 o	76.4669	89.6808 179.94 1.02289
8 4 4 8 1 o	147.5933	173.2179 179.97 1.02272
2 24 2 8 1 o	2305.3413	2727.7461 0.47 1.02261
2 5 5 8 1 o	532.2006	631.6693 0.35 1.02259
11 10 2 8 1 o	374.4155	442.6280 180.14 1.02136
13 3 0 4 1 o	572.1933	677.0371 180.39 1.02134
5 19 3 8 1 o	112.4710	133.7135 180.16 1.02119
4 23 2 8 1 o	1564.4540	1859.2999 180.71 1.02115
7 9 4 8 1 o	11.9327	14.1345 179.50 1.01997
4 20 3 8 1 o	119.7751	142.5996 0.21 1.01955

3 3 5 8 1 o	1622.5979	1932.0607	0.47	1.01937
12 3 2 8 1 o	75.8708	89.6965	180.86	1.01924
6 23 1 8 1 o	1042.3019	1240.1578	180.29	1.01901
5 24 1 8 1 o	168.8033	201.2220	0.70	1.01750
0 7 5 4 1 o	156.0583	186.9470	180.50	1.01701
7 20 2 8 1 o	92.3792	110.3403	179.91	1.01699
8 5 4 8 1 o	907.8966	1079.1450	0.65	1.01618
1 26 1 8 1 o	123.0464	147.3420	0.61	1.01605
6 18 3 8 1 o	19.1188	23.0205	180.18	1.01546
2 6 5 8 1 o	66.8910	81.3934	0.62	1.01462
10 8 3 8 1 o	47.3669	56.4473	0.32	1.01452
3 4 5 8 1 o	933.1238	1133.1487	180.50	1.01432
12 4 2 8 1 o	151.4333	180.4431	0.33	1.01420
1 7 5 8 1 o	132.5782	161.9536	180.43	1.01408
10 14 2 8 1 o	14.3684	17.2839	180.55	1.01395
4 15 4 8 1 o	55.1107	66.7295	1.64	1.01330
7 22 1 8 1 o	12.7709	15.4180	178.80	1.01320
6 12 4 8 1 o	412.3685	492.3093	0.14	1.01283
9 12 3 8 1 o	1898.4948	2249.9038	180.57	1.01279
3 16 4 8 1 o	81.3374	95.6500	180.38	1.01158
1 17 4 8 1 o	892.7103	1045.0902	180.39	1.01134
3 21 3 8 1 o	114.4992	130.5872	0.28	1.01064
12 10 1 8 1 o	568.2819	640.6406	0.50	1.01044
13 5 0 4 1 o	1709.2393	1892.4419	180.49	1.00985
11 14 1 8 1 o	419.1030	452.6776	180.23	1.00897
4 25 1 8 1 o	755.3927	811.2805	0.43	1.00876
8 6 4 8 1 o	1039.1732	1104.9587	0.41	1.00836
13 1 1 8 1 o	821.7255	871.8459	180.16	1.00827
3 24 2 8 1 o	601.7239	632.7692	180.82	1.00796
3 5 5 8 1 o	501.7620	527.0001	0.08	1.00794
12 5 2 8 1 o	78.4946	82.4620	181.11	1.00782
5 14 4 8 1 o	569.8183	597.1771	180.34	1.00782
9 19 1 8 1 o	99.3177	103.9651	180.22	1.00778
2 26 1 8 1 o	7494.2017	7779.3350	180.39	1.00736
11 15 0 4 1 o	49.6599	51.1576	181.64	1.00703
7 10 4 8 1 o	210.2832	214.7628	0.05	1.00642
11 11 2 8 1 o	186.5035	190.2684	0.25	1.00636
13 2 1 8 1 o	543.5901	553.0951	0.11	1.00617
2 7 5 8 1 o	1567.1620	1569.1830	180.24	1.00543
4 1 5 8 1 o	477.7355	474.4660	0.24	1.00474
8 15 3 8 1 o	30.3424	30.1291	182.99	1.00464
6 24 0 4 1 o	2400.7368	2368.3718	180.26	1.00428
10 17 1 8 1 o	1677.4375	1646.0427	180.24	1.00389
1 8 5 8 1 o	61.5295	59.9492	180.82	1.00352
1 22 3 8 1 o	61.8294	60.2153	180.63	1.00341
9 17 2 8 1 o	894.9418	869.5999	0.14	1.00310
2 17 4 8 1 o	7870.0952	7592.2764	0.39	1.00276
7 17 3 8 1 o	5.1230	4.9539	180.33	1.00273
13 3 1 8 1 o	293.8516	284.8239	181.36	1.00270
4 2 5 8 1 o	53.1823	51.3519	1.42	1.00266
10 9 3 8 1 o	37064.4805	35919.5078	0.48	1.00257
5 25 0 4 1 o	2270.1799	2159.9170	180.42	1.00145
8 19 2 8 1 o	1381.7898	1312.2850	180.62	1.00131
8 21 1 8 1 o	172.8312	162.4161	179.45	1.00043

3 6 5 8 1 o	784.9014	735.9938	0.53	1.00030
12 6 2 8 1 o	2726.9714	2577.6565	180.48	1.00019
7 23 0 4 1 o	2238.9185	2097.2639	0.68	1.00008
8 7 4 8 1 o	54.5660	51.2768	178.84	0.99934
4 3 5 8 1 o	361.6217	336.9080	0.47	0.99922
11 1 3 8 1 o	1.1814	1.1109	180.69	0.99862
12 12 0 4 1 o	6436.5342	5978.2490	0.45	0.99811
13 4 1 8 1 o	1359.3016	1268.1890	180.39	0.99789
10 18 0 4 1 o	21059.7520	19505.2598	180.58	0.99787
1 27 0 4 1 o	469.1066	436.4457	180.40	0.99734
1 25 2 8 1 o	11.2038	10.4161	179.70	0.99668
11 2 3 8 1 o	418.3741	393.1861	180.34	0.99658
12 11 1 8 1 o	1173.9298	1097.8927	0.29	0.99591
6 13 4 8 1 o	2549.3550	2389.2874	0.50	0.99548
9 13 3 8 1 o	368.1616	345.9251	180.13	0.99544
6 22 2 8 1 o	6.0006	5.6180	359.74	0.99539
5 23 2 8 1 o	376.6892	352.8460	180.86	0.99534
2 8 5 8 1 o	3348.2891	3134.5510	180.45	0.99514
2 22 3 8 1 o	156.6598	146.9563	180.20	0.99503
0 9 5 4 1 o	5975.7607	5614.1875	0.44	0.99469
4 4 5 8 1 o	1699.2865	1603.9191	0.57	0.99447
5 20 3 8 1 o	1344.4299	1275.8135	180.51	0.99385
10 15 2 8 1 o	226.0142	214.7529	180.91	0.99383
3 26 1 8 1 o	7206.6763	6875.2920	0.48	0.99334
13 7 0 4 1 o	89.8664	85.7888	180.46	0.99332
11 3 3 8 1 o	590.1699	564.9954	0.25	0.99320
7 11 4 8 1 o	432.2482	416.4550	180.38	0.99206
1 9 5 8 1 o	6303.2520	6083.3950	180.68	0.99194
4 16 4 8 1 o	2385.0610	2301.5925	180.28	0.99188
13 5 1 8 1 o	210.3311	202.9026	0.58	0.99182
4 26 0 4 1 o	74.0008	71.4264	180.61	0.99177
3 7 5 8 1 o	495.8016	479.4796	180.08	0.99150
12 7 2 8 1 o	2097.2114	2026.6589	0.15	0.99139
4 21 3 8 1 o	2398.8567	2323.6792	180.39	0.99100
11 12 2 8 1 o	3620.1218	3505.6943	0.51	0.99066
0 18 4 4 1 o	1361.2500	1320.2704	0.48	0.99010
6 19 3 8 1 o	6.1155	5.9262	178.18	0.98990
10 10 3 8 1 o	42.7023	41.3520	0.28	0.98969
8 8 4 8 1 o	3.1809	3.0787	180.12	0.98923
11 15 1 8 1 o	654.8617	633.7526	1.13	0.98914
8 22 0 4 1 o	75.5607	73.1256	1.03	0.98912
3 17 4 8 1 o	5498.4302	5318.8735	180.50	0.98894
7 21 2 8 1 o	61.0843	59.0436	181.84	0.98865
11 4 3 8 1 o	55.1238	53.3032	0.80	0.98853
4 24 2 8 1 o	71.1774	68.7680	180.72	0.98847
2 25 2 8 1 o	155.9984	150.7190	0.51	0.98847
4 5 5 8 1 o	76.0465	73.4679	180.24	0.98845
5 15 4 8 1 o	32.6018	31.4624	359.63	0.98806
1 18 4 8 1 o	14012.3311	13492.2041	0.56	0.98739
6 24 1 8 1 o	868.9885	834.5064	0.60	0.98653
9 0 4 4 1 o	13072.6943	12535.7393	0.51	0.98566
9 1 4 8 1 o	766.7899	733.1461	0.21	0.98500
13 6 1 8 1 o	30.3218	28.8476	0.23	0.98454
5 25 1 8 1 o	1.6062	1.5177	179.69	0.98385

2 9 5 8 1 o	6412.3540	6043.3882	180.68	0.98385
8 16 3 8 1 o	0.0247	0.0234	356.33	0.98375
9 2 4 8 1 o	0.6650	0.6310	1.96	0.98304
11 5 3 8 1 o	412.5049	391.1490	180.22	0.98262
0 27 1 4 1 o	3014.5920	2836.5596	180.52	0.98260
7 23 1 8 1 o	76.3414	71.6184	180.51	0.98255
3 8 5 8 1 o	4920.8267	4608.1328	180.58	0.98162
3 22 3 8 1 o	1539.3330	1442.9934	0.54	0.98152
12 8 2 8 1 o	18.9014	17.8866	179.98	0.98151
9 20 1 8 1 o	132.7321	124.5561	359.79	0.98148
4 6 5 8 1 o	234.2260	220.2190	180.68	0.98125
12 12 1 8 1 o	100.7327	95.3773	0.86	0.98068
10 18 1 8 1 o	0.3272	0.3096	357.62	0.98046
5 1 5 8 1 o	61.1433	58.2640	0.05	0.98012
1 27 1 8 1 o	6872.4995	6561.9570	180.71	0.97995
9 3 4 8 1 o	69.2392	66.6993	0.40	0.97980
9 18 2 8 1 o	6624.6411	6339.5869	180.61	0.97972
1 10 5 8 1 o	0.0840	0.0804	0.03	0.97947
2 18 4 8 1 o	7009.1338	6719.1846	180.49	0.97941
7 18 3 8 1 o	268.3076	258.2561	0.52	0.97937
5 2 5 8 1 o	207.2039	204.0199	0.69	0.97819
8 9 4 8 1 o	119.4458	117.7933	0.08	0.97813
6 14 4 8 1 o	1380.1536	1371.5818	0.28	0.97770
9 14 3 8 1 o	2126.9260	2114.4509	0.51	0.97767
7 12 4 8 1 o	2169.2332	2180.3232	0.35	0.97701
0 23 3 4 1 o	2569.1995	2619.7822	0.31	0.97621
13 7 1 8 1 o	219.5538	223.1195	0.31	0.97614
10 11 3 8 1 o	172.6446	175.4718	359.87	0.97602
3 27 0 4 1 o	675.4572	689.5416	180.39	0.97583
11 6 3 8 1 o	42.3130	43.1172	1.53	0.97555
8 20 2 8 1 o	229.5195	235.2129	180.44	0.97550
9 4 4 8 1 o	163.4349	166.7966	0.48	0.97532
3 25 2 8 1 o	64.5989	66.3033	179.36	0.97522
5 3 5 8 1 o	1150.7694	1180.8474	180.25	0.97499
4 26 1 8 1 o	838.8588	862.0658	1.36	0.97468
11 13 2 8 1 o	317.3091	325.8477	180.30	0.97440
1 23 3 8 1 o	67.2367	69.1345	0.38	0.97361
10 16 2 8 1 o	605.2215	622.0342	0.32	0.97360
4 7 5 8 1 o	34.8040	35.7644	181.11	0.97293
13 9 0 4 1 o	52.2339	53.7283	179.87	0.97249
8 22 1 8 1 o	571.5294	587.9743	0.52	0.97216
2 27 1 8 1 o	2568.5994	2644.2939	0.67	0.97214
9 21 0 4 1 o	2175.1248	2238.2566	0.55	0.97205
2 10 5 8 1 o	3221.8345	3319.2744	180.40	0.97167
3 9 5 8 1 o	7.9658	8.2618	170.23	0.97078
12 9 2 8 1 o	0.5932	0.6161	359.45	0.97067
5 4 5 8 1 o	584.7599	607.6783	0.66	0.97057
4 17 4 8 1 o	854.5867	888.3469	181.31	0.97051
9 5 4 8 1 o	56.8896	59.4975	359.83	0.96964
11 16 1 8 1 o	67.2465	70.6314	180.42	0.96919
0 11 5 4 1 o	474.5640	500.5329	180.29	0.96874
5 16 4 8 1 o	4.2887	4.5351	359.43	0.96817
11 7 3 8 1 o	211.5545	224.1586	0.06	0.96737
5 21 3 8 1 o	116.1601	123.4290	180.19	0.96735

13	8	1	8	1	o	456.5291	486.1209	181.11	0.96671
3	18	4	8	1	o	43.1064	46.0522	185.02	0.96652
6	23	2	8	1	o	1445.6191	1545.0679	0.79	0.96629
0	26	2	4	1	o	681.1296	727.7905	0.40	0.96628
1	11	5	8	1	o	119.8744	128.3758	180.03	0.96621
8	10	4	8	1	o	54.6574	58.3135	0.56	0.96617
2	23	3	8	1	o	248.4575	266.1761	359.96	0.96595
5	24	2	8	1	o	169.5098	182.2029	0.48	0.96500
11	17	0	4	1	o	3750.3823	4032.5330	180.33	0.96500
5	5	5	8	1	o	29.7229	31.9136	0.75	0.96498
6	20	3	8	1	o	41.6048	44.7273	0.02	0.96493
12	13	1	8	1	o	258.5553	277.6588	180.24	0.96491
12	14	0	4	1	o	152.1019	163.5582	359.89	0.96444
0	28	0	2	1	o	1929.3986	2071.6448	180.17	0.96441
1	19	4	8	1	o	520.3462	560.6038	0.25	0.96384
1	26	2	8	1	o	45.4578	48.8196	359.88	0.96377
4	8	5	8	1	o	779.4088	836.9590	1.12	0.96359
4	22	3	8	1	o	261.5005	280.7587	180.09	0.96349
8	17	3	8	1	o	278.6639	297.4344	179.90	0.96289
9	6	4	8	1	o	1636.4163	1742.4861	0.64	0.96284
10	12	3	8	1	o	74.2626	78.4481	180.36	0.96168
7	13	4	8	1	o	0.8940	0.9418	353.49	0.96141
7	22	2	8	1	o	2.3134	2.4329	175.89	0.96133
6	15	4	8	1	o	1759.2960	1842.7667	180.51	0.95963
9	15	3	8	1	o	95.5383	100.2210	180.34	0.95960
3	27	1	8	1	o	24.8451	26.0378	174.13	0.95953
3	10	5	8	1	o	3008.0273	3151.8135	180.50	0.95908
12	10	2	8	1	o	123.1924	129.6030	180.41	0.95897
2	11	5	8	1	o	189.4040	198.8014	0.62	0.95872
5	6	5	8	1	o	11.1112	11.7189	357.33	0.95827
11	8	3	8	1	o	5761.8340	6088.5601	0.30	0.95819
13	0	2	4	1	o	2562.7742	2714.4141	0.88	0.95772
11	14	2	8	1	o	1.3357	1.4143	182.04	0.95771
4	25	2	8	1	o	133.5867	141.5917	359.53	0.95754
10	19	1	8	1	o	194.2458	206.1133	359.93	0.95739
13	1	2	8	1	o	1119.8427	1189.6416	180.70	0.95712
9	19	2	8	1	o	46.5177	49.5733	180.99	0.95670
2	19	4	8	1	o	1883.6573	2012.5874	0.46	0.95641
7	19	3	8	1	o	25.6326	27.3604	0.22	0.95637
13	9	1	8	1	o	6657.6890	7101.9170	180.63	0.95635
2	26	2	8	1	o	589.7499	629.6614	0.29	0.95633
9	21	1	8	1	o	281.2411	300.8314	1.17	0.95593
6	25	1	8	1	o	2124.6116	2272.8464	0.31	0.95577
13	2	2	8	1	o	94.1940	100.5736	180.59	0.95532
9	7	4	8	1	o	0.6057	0.6467	184.45	0.95498
14	0	0	2	1	o	15998.7598	17085.2695	0.53	0.95456
2	28	0	4	1	o	101.0140	107.9153	180.55	0.95452
3	23	3	8	1	o	0.1974	0.2101	357.08	0.95358
8	11	4	8	1	o	41.5527	44.1925	181.63	0.95344
10	17	2	8	1	o	335.9660	357.1590	179.62	0.95337
7	24	1	8	1	o	355.2636	377.6053	180.38	0.95334
4	9	5	8	1	o	1299.8917	1381.5674	180.08	0.95333
6	1	5	8	1	o	88.1180	93.1967	0.25	0.95235
13	3	2	8	1	o	238.2168	252.2556	0.28	0.95235

1 12 5 8 1 o	60.6142	63.9050	0.19	0.95229
14 2 0 4 1 o	246.6607	260.7127	180.59	0.95218
5 26 1 8 1 o	144.2815	152.2497	359.39	0.95215
6 2 5 8 1 o	829.7007	873.2855	180.49	0.95058
5 7 5 8 1 o	3.3877	3.5587	1.14	0.95052
8 21 2 8 1 o	450.3004	472.5919	0.78	0.95041
10 20 0 4 1 o	182.7928	191.9891	0.76	0.94980
4 18 4 8 1 o	231.2435	243.5905	180.19	0.94929
11 17 1 8 1 o	347.4370	366.7527	180.27	0.94922
12 14 1 8 1 o	1545.9354	1641.8792	0.37	0.94869
5 17 4 8 1 o	161.5871	172.2989	179.83	0.94827
13 4 2 8 1 o	119.2514	127.7398	180.44	0.94823
13 11 0 4 1 o	46.1121	49.2748	0.65	0.94820
11 9 3 8 1 o	3.7431	4.0155	2.48	0.94810
6 3 5 8 1 o	2.4594	2.6497	0.20	0.94764
10 13 3 8 1 o	346.9618	378.3448	0.50	0.94678
3 11 5 8 1 o	165.1255	180.4658	180.32	0.94662
12 11 2 8 1 o	7.3286	8.0200	180.09	0.94652
1 28 1 8 1 o	321.4346	352.9554	180.46	0.94628
9 8 4 8 1 o	54.3375	59.7479	180.39	0.94614
7 14 4 8 1 o	123.9924	137.7761	0.45	0.94536
1 24 3 8 1 o	498.7578	555.9470	0.19	0.94517
13 10 1 8 1 o	1310.4091	1459.7101	180.52	0.94515
14 4 0 4 1 o	264.0770	294.1067	180.65	0.94515
2 12 5 8 1 o	111.6065	124.5230	0.52	0.94512
8 23 1 8 1 o	0.4111	0.4592	182.17	0.94499
3 19 4 8 1 o	136.0046	153.1013	181.01	0.94439
3 26 2 8 1 o	13.0924	14.7438	179.82	0.94432
6 4 5 8 1 o	849.7568	965.3834	180.70	0.94359
0 20 4 4 1 o	130.2353	149.3813	0.44	0.94309
13 5 2 8 1 o	517.7749	591.9196	180.59	0.94301
4 27 1 8 1 o	9.9545	11.4683	358.63	0.94267
4 10 5 8 1 o	305.4950	354.6307	1.39	0.94224
8 18 3 8 1 o	3.5453	4.1134	0.24	0.94216
5 8 5 8 1 o	1003.6170	1170.3214	179.82	0.94181
5 22 3 8 1 o	868.5463	1015.5773	180.62	0.94172
6 16 4 8 1 o	492.6734	577.7738	180.37	0.94138
9 16 3 8 1 o	95.8723	112.2383	179.37	0.94135
6 26 0 4 1 o	1090.1930	1280.4260	180.28	0.94129
1 20 4 8 1 o	329.0011	389.8923	180.53	0.94075
11 15 2 8 1 o	0.1395	0.1644	345.63	0.94071
6 21 3 8 1 o	11.7493	13.8938	358.98	0.94062
0 13 5 4 1 o	226.0497	269.2957	0.20	0.94014
7 25 0 4 1 o	3079.9551	3654.6604	0.26	0.94010
12 1 3 8 1 o	0.1941	0.2281	356.80	0.94008
8 12 4 8 1 o	2580.5334	3047.5620	180.30	0.94005
2 28 1 8 1 o	730.5948	867.2501	180.55	0.93924
14 1 1 8 1 o	573.5936	679.3566	0.25	0.93871
6 24 2 8 1 o	57.7481	68.6811	0.29	0.93846
6 5 5 8 1 o	45.8613	54.4083	0.82	0.93844
12 2 3 8 1 o	234.7029	277.1715	180.18	0.93837
10 0 4 4 1 o	1328.4744	1568.6549	359.99	0.93836
2 24 3 8 1 o	274.2772	326.3387	0.24	0.93816
1 13 5 8 1 o	18.5427	22.0830	181.00	0.93782

10	1	4	8	1	o	247.3445	292.2883	359.66	0.93779
11	10	3	8	1	o	1078.0326	1276.6876	0.34	0.93719
4	23	3	8	1	o	3.0939	3.6743	4.35	0.93703
14	2	1	8	1	o	1143.7960	1355.6102	180.29	0.93702
13	6	2	8	1	o	3548.7886	4204.4458	0.45	0.93675
5	27	0	4	1	o	39.0024	46.2875	359.58	0.93670
9	9	4	8	1	o	609.5477	722.4355	0.26	0.93642
5	25	2	8	1	o	171.2644	203.3423	0.00	0.93616
10	2	4	8	1	o	0.0908	0.1075	184.62	0.93610
12	3	3	8	1	o	631.8770	750.2344	181.00	0.93555
7	23	2	8	1	o	776.4698	926.1342	0.75	0.93504
10	20	1	8	1	o	875.1625	1046.2651	180.32	0.93475
14	3	1	8	1	o	1.5077	1.8093	175.16	0.93421
9	20	2	8	1	o	21.4937	25.8593	0.35	0.93411
2	20	4	8	1	o	608.0739	734.8439	0.32	0.93384
7	20	3	8	1	o	1.3592	1.6413	9.38	0.93381
14	6	0	4	1	o	2416.2156	2914.2344	0.53	0.93378
3	12	5	8	1	o	758.4728	920.6432	0.53	0.93352
12	12	2	8	1	o	2114.9768	2560.4700	0.45	0.93342
10	3	4	8	1	o	261.6405	315.8542	0.90	0.93330
10	18	2	8	1	o	446.6734	543.1805	180.90	0.93323
13	11	1	8	1	o	198.1707	240.7258	0.67	0.93323
8	24	0	4	1	o	2924.8826	3563.1919	0.40	0.93320
1	27	2	8	1	o	163.2958	199.8130	0.54	0.93279
6	6	5	8	1	o	442.9463	543.8362	0.60	0.93227
5	9	5	8	1	o	61.9675	76.3474	180.92	0.93222
12	15	1	8	1	o	589.6590	726.8096	180.69	0.93216
12	4	3	8	1	o	99.2305	121.3568	0.21	0.93165
10	14	3	8	1	o	416.7644	513.8391	0.19	0.93145
9	22	1	8	1	o	28.7069	35.7287	180.82	0.93117
2	13	5	8	1	o	135.2482	169.1802	180.21	0.93097
4	11	5	8	1	o	11.6997	14.5489	359.70	0.93042
14	4	1	8	1	o	412.4381	507.6577	180.91	0.93032
12	16	0	4	1	o	199.7807	245.8042	180.38	0.92952
13	7	2	8	1	o	137.1978	167.4647	0.08	0.92950
10	4	4	8	1	o	183.6549	223.2299	180.42	0.92942
11	18	1	8	1	o	27.6496	33.9349	180.79	0.92934
7	15	4	8	1	o	228.0024	277.8307	179.90	0.92900
1	29	0	4	1	o	52.8450	64.2760	179.64	0.92890
5	18	4	8	1	o	1462.4709	1770.6108	0.35	0.92844
4	19	4	8	1	o	1623.1328	1961.4989	180.67	0.92831
4	26	2	8	1	o	107.9465	130.1998	0.64	0.92824
3	28	1	8	1	o	2.2211	2.6629	4.24	0.92785
3	24	3	8	1	o	258.8067	306.6156	180.74	0.92681
12	5	3	8	1	o	46.1187	54.6719	179.97	0.92669
6	26	1	8	1	o	5339.4097	6319.7607	180.63	0.92663
4	28	0	4	1	o	65.7616	77.8329	0.09	0.92658
8	13	4	8	1	o	1385.4006	1637.4359	180.43	0.92613
8	22	2	8	1	o	32.7408	38.6540	1.18	0.92606
2	27	2	8	1	o	70.3107	83.0209	0.11	0.92605
9	10	4	8	1	o	113.0340	133.5861	0.26	0.92590
11	11	3	8	1	o	74.8736	88.4650	180.39	0.92556
7	25	1	8	1	o	124.1036	146.4777	180.62	0.92550
14	5	1	8	1	o	138.2850	163.3739	180.32	0.92539

6 7 5 8 1 o	45.9385	54.2891	180.46	0.92513
10 5 4 8 1 o	0.0457	0.0541	342.65	0.92451
11 16 2 8 1 o	6.3254	7.5386	2.02	0.92350
11 19 0 4 1 o	31.7500	37.8846	180.72	0.92347
6 17 4 8 1 o	4892.5835	5853.8726	0.64	0.92305
9 17 3 8 1 o	103.2648	123.4577	0.22	0.92302
1 14 5 8 1 o	11.7395	14.0935	179.61	0.92292
3 20 4 8 1 o	324.1141	389.6781	0.49	0.92264
7 1 5 8 1 o	274.6150	329.0480	180.12	0.92239
5 27 1 8 1 o	23.8526	28.7047	181.53	0.92225
5 10 5 8 1 o	183.9570	221.9827	1.02	0.92184
8 19 3 8 1 o	576.7791	696.4050	0.23	0.92163
13 8 2 8 1 o	420.3098	505.7457	0.14	0.92135
13 13 0 4 1 o	71.1450	86.0214	1.74	0.92133
9 23 0 4 1 o	2796.0740	3392.7263	180.47	0.92096
7 2 5 8 1 o	0.5459	0.6581	187.81	0.92078
12 6 3 8 1 o	0.0108	0.0130	0.25	0.92075
13 12 1 8 1 o	104.2438	126.0797	0.27	0.92067
0 25 3 4 1 o	4190.9199	5087.4653	180.42	0.92019
3 13 5 8 1 o	8.7653	10.6477	0.59	0.91988
12 13 2 8 1 o	904.5939	1091.2240	0.41	0.91979
14 6 1 8 1 o	15.8156	19.0411	0.64	0.91947
8 24 1 8 1 o	1381.4460	1667.0656	180.48	0.91891
10 6 4 8 1 o	2.0788	2.4824	185.38	0.91860
14 8 0 4 1 o	539.2079	647.1108	0.17	0.91853
1 21 4 8 1 o	29.1593	35.1101	0.45	0.91819
7 3 5 8 1 o	0.1524	0.1821	199.07	0.91811
1 25 3 8 1 o	64.3695	77.3086	180.11	0.91801
4 12 5 8 1 o	74.7446	89.7497	180.97	0.91797
6 8 5 8 1 o	2550.4736	3036.9163	180.69	0.91709
6 22 3 8 1 o	0.3600	0.4296	181.71	0.91701
5 23 3 8 1 o	81.2401	96.9483	0.22	0.91696
0 29 1 4 1 o	282.9538	336.7741	180.19	0.91696
2 14 5 8 1 o	658.5964	785.3843	180.58	0.91638
10 15 3 8 1 o	611.5288	720.6302	1.17	0.91579
12 16 1 8 1 o	1101.9227	1298.5592	180.17	0.91540
3 27 2 8 1 o	763.4241	897.4402	0.32	0.91513
1 29 1 8 1 o	307.1179	358.9549	0.62	0.91481
9 11 4 8 1 o	33.0922	38.4605	0.76	0.91468
7 4 5 8 1 o	1172.7720	1359.2021	180.49	0.91442
12 7 3 8 1 o	968.1948	1109.1093	0.28	0.91387
11 12 3 8 1 o	81.1909	92.2397	1.01	0.91330
10 19 2 8 1 o	335.1897	381.6675	179.93	0.91327
14 7 1 8 1 o	76.8951	86.2762	180.81	0.91262
10 21 1 8 1 o	71.5804	80.3738	359.12	0.91260
4 28 1 8 1 o	1045.8909	1173.5553	0.71	0.91259
7 16 4 8 1 o	41.0186	45.8608	0.85	0.91241
13 9 2 8 1 o	77.3120	86.3161	180.45	0.91237
9 21 2 8 1 o	33.3319	36.9871	1.30	0.91201
6 25 2 8 1 o	354.9360	392.9126	0.57	0.91187
10 7 4 8 1 o	177.2228	195.8584	359.80	0.91177
8 14 4 8 1 o	35.7693	39.5390	0.22	0.91176
2 21 4 8 1 o	199.5950	220.4432	180.58	0.91175
7 21 3 8 1 o	123.5133	136.4154	0.10	0.91172

4 24 3 8 1 o	46.5274	51.2736 359.79 0.91159
2 25 3 8 1 o	103.4359	113.9790 180.27 0.91159
3 29 0 4 1 o	88.8742	97.7932 180.97 0.91145
5 11 5 8 1 o	177.7948	194.1364 179.94 0.91077
0 15 5 4 1 o	1090.9325	1184.4514 0.61 0.90977
7 24 2 8 1 o	608.1159	659.2498 0.49 0.90975
7 5 5 8 1 o	104.4801	113.0552 359.76 0.90974
11 19 1 8 1 o	11.7127	12.6864 0.10 0.90962
5 19 4 8 1 o	2.6319	2.8307 174.04 0.90878
5 26 2 8 1 o	171.1598	183.8397 0.14 0.90872
2 29 1 8 1 o	304.7762	325.7971 180.61 0.90844
6 9 5 8 1 o	4968.0957	5293.4873 180.28 0.90823
1 15 5 8 1 o	3207.2534	3398.8591 180.52 0.90767
4 20 4 8 1 o	10.6008	11.2081 179.47 0.90762
13 13 1 8 1 o	217.9516	229.7171 0.26 0.90757
9 23 1 8 1 o	423.5056	443.8873 180.18 0.90722
11 17 2 8 1 o	431.7081	442.3161 0.76 0.90617
12 8 3 8 1 o	230.6514	235.9588 180.15 0.90612
3 14 5 8 1 o	594.4611	604.1078 180.78 0.90580
12 14 2 8 1 o	412.7061	418.8242 180.47 0.90571
0 28 2 4 1 o	161.4158	163.6954 0.39 0.90569
4 13 5 8 1 o	24.6763	24.6654 180.47 0.90499
14 8 1 8 1 o	844.5449	843.8094 180.95 0.90490
6 18 4 8 1 o	1876.3015	1867.2478 180.31 0.90474
9 18 3 8 1 o	489.7814	487.4262 0.29 0.90471
7 6 5 8 1 o	2112.6731	2082.2971 0.48 0.90411
10 8 4 8 1 o	9.7934	9.6574 0.22 0.90407
10 22 0 4 1 o	1984.0093	1947.8762 180.40 0.90399
1 28 2 8 1 o	5.1059	4.9856 359.51 0.90361
9 12 4 8 1 o	2379.5906	2299.6873 180.54 0.90285
13 10 2 8 1 o	451.3253	434.6942 180.21 0.90263
8 23 2 8 1 o	1173.1857	1125.0365 180.69 0.90249
2 15 5 8 1 o	2673.6848	2517.0735 180.49 0.90145
8 20 3 8 1 o	204.6729	192.9286 180.10 0.90138
3 21 4 8 1 o	21.1871	19.9159 179.27 0.90132
3 25 3 8 1 o	56.1029	52.6407 0.12 0.90116
11 13 3 8 1 o	37.7359	35.2254 0.05 0.90051
4 27 2 8 1 o	46.5907	43.3028 0.29 0.90047
0 30 0 2 1 o	2767.2427	2564.8596 0.60 0.90011
14 10 0 4 1 o	386.6730	357.7481 180.11 0.89998
10 16 3 8 1 o	40.7150	37.6581 180.08 0.89988
5 12 5 8 1 o	32.2068	29.4706 181.69 0.89908
6 27 1 8 1 o	1279.8965	1170.5974 0.23 0.89900
7 26 1 8 1 o	8069.5098	7375.2710 0.50 0.89896
6 10 5 8 1 o	2591.6042	2366.6384 180.65 0.89863
12 17 1 8 1 o	113.6948	103.6231 0.00 0.89852
0 22 4 4 1 o	408.9221	370.9724 180.05 0.89820
3 29 1 8 1 o	708.3845	644.4615 180.46 0.89813
7 7 5 8 1 o	187.6501	170.4118 180.50 0.89759
12 9 3 8 1 o	912.5988	830.4247 181.45 0.89757
14 0 2 4 1 o	5.9453	5.4076 3.24 0.89751
2 28 2 8 1 o	379.1689	343.2574 180.08 0.89748
8 15 4 8 1 o	2675.8840	2418.6526 0.46 0.89705
14 1 2 8 1 o	20.4174	18.5022 4.95 0.89702

14 9 1 8 1 o	278.1950	250.1543	0.47	0.89638
1 22 4 8 1 o	814.4001	727.9568	0.37	0.89618
7 17 4 8 1 o	5781.4995	5156.7715	180.53	0.89569
10 9 4 8 1 o	45.6073	40.8404	180.05	0.89558
14 2 2 8 1 o	247.5621	221.5630	180.54	0.89554
12 18 0 4 1 o	3.5523	3.1130	22.83	0.89420
6 23 3 8 1 o	123.2572	107.9351	180.35	0.89410
13 14 1 8 1 o	12.8486	11.2768	357.09	0.89404
5 28 1 8 1 o	151.1802	132.5021	181.32	0.89402
8 25 1 8 1 o	779.8690	681.6166	0.66	0.89390
10 20 2 8 1 o	7.5952	6.6357	0.05	0.89356
11 0 4 4 1 o	1536.8682	1362.6332	181.41	0.89325
14 3 2 8 1 o	282.0328	248.8298	180.24	0.89308
5 24 3 8 1 o	17.3904	15.1404	177.61	0.89308
11 1 4 8 1 o	34.1010	30.2624	1.58	0.89276
13 15 0 4 1 o	55.0800	48.0918	0.55	0.89269
13 11 2 8 1 o	86.6661	76.4660	0.28	0.89222
1 16 5 8 1 o	77.1891	67.0902	0.24	0.89218
1 26 3 8 1 o	9473.1055	8286.1885	180.41	0.89210
2 30 0 4 1 o	1540.9069	1356.6326	180.65	0.89206
4 14 5 8 1 o	661.9776	583.1905	0.96	0.89157
3 15 5 8 1 o	1146.8936	1012.7827	0.61	0.89137
11 2 4 8 1 o	16.1542	14.5503	0.65	0.89130
12 15 2 8 1 o	482.1166	429.9827	0.44	0.89129
8 1 5 8 1 o	198.2811	178.4588	179.94	0.89110
10 22 1 8 1 o	1.0524	0.9405	0.02	0.89098
9 13 4 8 1 o	216.5472	197.1079	0.38	0.89049
15 1 0 4 1 o	8808.3389	8025.0278	0.58	0.89043
9 22 2 8 1 o	242.7593	220.3675	180.71	0.89043
7 8 5 8 1 o	7746.1572	7088.7705	180.53	0.89025
2 22 4 8 1 o	46.9426	42.8219	359.44	0.89019
7 22 3 8 1 o	1002.3715	916.7987	0.63	0.89017
11 20 1 8 1 o	9.0761	8.3051	179.65	0.89014
14 4 2 8 1 o	6.8004	6.3222	358.92	0.88968
8 2 5 8 1 o	174.2777	162.1572	0.79	0.88964
5 20 4 8 1 o	120.5132	112.8771	180.60	0.88935
11 3 4 8 1 o	1168.3016	1106.0684	180.38	0.88889
11 18 2 8 1 o	1089.4056	1034.5265	1.44	0.88883
6 11 5 8 1 o	99.2438	95.2564	0.54	0.88836
12 10 3 8 1 o	171.5976	164.4628	0.18	0.88829
3 28 2 8 1 o	461.8486	450.0391	0.23	0.88753
4 21 4 8 1 o	916.0323	896.8889	0.55	0.88731
11 14 3 8 1 o	679.6307	661.9252	0.35	0.88729
8 3 5 8 1 o	35.4677	34.5174	182.05	0.88724
4 25 3 8 1 o	1420.3705	1391.7681	180.47	0.88715
14 10 1 8 1 o	262.3195	256.1663	181.39	0.88714
5 13 5 8 1 o	277.0206	271.9167	0.31	0.88687
13 1 3 8 1 o	330.9419	322.5457	180.15	0.88682
15 3 0 4 1 o	59.7448	58.5304	181.45	0.88659
6 19 4 8 1 o	2718.7842	2673.4924	0.62	0.88651
9 19 3 8 1 o	183.5237	180.2210	180.20	0.88649
6 26 2 8 1 o	325.1173	319.7734	0.44	0.88646
10 10 4 8 1 o	74.0365	72.4521	0.53	0.88637
2 16 5 8 1 o	155.8945	153.8537	180.52	0.88627

2 26 3 8 1 o	231.3593	227.8376 180.28 0.88620
7 27 0 4 1 o	727.5767	715.9069 180.42 0.88592
11 4 4 8 1 o	7.4998	7.3333 359.87 0.88553
7 25 2 8 1 o	202.8237	199.2603 0.67 0.88546
13 2 3 8 1 o	255.6437	249.9265 180.38 0.88539
14 5 2 8 1 o	120.8868	118.3085 1.70 0.88537
1 30 1 8 1 o	0.0105	0.0103 4.50 0.88532
6 28 0 4 1 o	124.1404	121.5313 359.82 0.88501
4 29 1 8 1 o	33.9267	32.9673 180.37 0.88426
9 24 1 8 1 o	216.0025	209.3974 0.72 0.88407
8 4 5 8 1 o	283.0233	274.3849 0.83 0.88391
10 17 3 8 1 o	62.4035	60.3980 0.20 0.88384
11 21 0 4 1 o	314.2785	301.3512 180.68 0.88309
13 3 3 8 1 o	0.7353	0.7099 182.61 0.88302
5 27 2 8 1 o	52.5598	50.2804 0.99 0.88262
7 9 5 8 1 o	1482.1071	1420.8182 180.58 0.88213
8 16 4 8 1 o	1435.5844	1374.7885 180.45 0.88209
8 26 0 4 1 o	2.3966	2.2873 184.42 0.88202
12 18 1 8 1 o	268.4035	256.5630 0.23 0.88160
8 21 3 8 1 o	39.1706	37.4844 2.39 0.88147
11 5 4 8 1 o	67.7164	65.4522 180.11 0.88128
13 12 2 8 1 o	2023.8853	1946.6658 180.54 0.88123
3 22 4 8 1 o	222.2051	213.7855 180.33 0.88048
14 6 2 8 1 o	107.7984	104.9554 0.99 0.88018
13 15 1 8 1 o	492.5547	477.4822 181.09 0.88016
13 4 3 8 1 o	128.8704	126.4865 181.39 0.87973
8 24 2 8 1 o	1756.5381	1712.6107 0.44 0.87969
8 5 5 8 1 o	24.0045	23.5256 0.27 0.87968
2 30 1 8 1 o	36.7721	35.9958 1.01 0.87955
5 29 0 4 1 o	1635.2555	1606.1663 0.48 0.87932
15 5 0 4 1 o	2139.1550	2115.5830 0.70 0.87904
7 18 4 8 1 o	79.0483	78.2077 2.13 0.87893
14 12 0 4 1 o	2086.7222	2072.2729 180.54 0.87876
0 0 6 2 1 o	36682.5273	36464.6445 180.49 0.87859
0 17 5 4 1 o	524.4234	523.2487 180.35 0.87842
12 11 3 8 1 o	0.2311	0.2318 9.23 0.87837
15 1 1 8 1 o	4.5505	4.5975 179.46 0.87800
4 15 5 8 1 o	432.9085	438.6926 0.44 0.87781
9 14 4 8 1 o	3.2068	3.2605 359.80 0.87770
6 12 5 8 1 o	669.5930	683.6888 0.55 0.87750
14 11 1 8 1 o	46.2307	47.4676 180.57 0.87726
0 2 6 4 1 o	44.5909	46.4203 180.26 0.87674
1 0 6 4 1 o	191.6073	199.6458 180.79 0.87670
3 16 5 8 1 o	42.8418	44.6425 180.91 0.87669
3 26 3 8 1 o	107.0603	111.6897 2.11 0.87661
12 16 2 8 1 o	399.4334	416.2430 0.55 0.87661
15 2 1 8 1 o	10.4018	10.8305 178.91 0.87661
1 17 5 8 1 o	100.4577	105.1274 180.11 0.87653
10 11 4 8 1 o	434.4184	453.0963 0.41 0.87650
1 1 6 8 1 o	4564.3076	4809.3472 180.42 0.87624
11 6 4 8 1 o	3037.8262	3186.3486 180.58 0.87616
1 29 2 8 1 o	112.9615	119.1500 180.09 0.87609
13 5 3 8 1 o	11.6044	12.3046 0.58 0.87556
1 2 6 8 1 o	0.0094	0.0101 145.91 0.87486

1 23 4 8 1 o	21.7960	23.6287	0.18	0.87476
8 6 5 8 1 o	296.2928	319.4935	180.78	0.87459
15 3 1 8 1 o	24.0966	26.0887	178.20	0.87431
5 14 5 8 1 o	36.0608	39.2757	2.28	0.87424
14 7 2 8 1 o	59.5579	64.5125	0.69	0.87416
10 21 2 8 1 o	698.7130	761.1087	180.57	0.87415
4 28 2 8 1 o	969.2434	1055.9652	0.26	0.87414
11 15 3 8 1 o	334.9838	364.9666	0.29	0.87372
7 27 1 8 1 o	1308.7689	1432.4543	180.60	0.87367
9 25 0 4 1 o	23.2676	25.5192	181.91	0.87348
7 10 5 8 1 o	2675.2822	2924.3833	180.55	0.87332
6 28 1 8 1 o	1109.2511	1217.5646	180.72	0.87279
1 3 6 8 1 o	286.7528	315.7393	0.50	0.87257
6 24 3 8 1 o	70.0000	76.6937	0.51	0.87192
11 19 2 8 1 o	157.9777	172.6080	180.15	0.87153
0 4 6 4 1 o	269.9853	294.5047	0.15	0.87124
15 4 1 8 1 o	939.0862	1023.8094	0.45	0.87112
2 0 6 4 1 o	487.3073	530.8677	1.48	0.87109
11 21 1 8 1 o	740.9957	806.7089	180.85	0.87095
2 17 5 8 1 o	3.2067	3.4880	359.60	0.87093
2 1 6 8 1 o	67.8821	73.7034	180.45	0.87064
13 6 3 8 1 o	137.6358	150.0853	180.54	0.87054
2 29 2 8 1 o	0.2659	0.2890	350.60	0.87049
11 7 4 8 1 o	89.6162	97.8214	180.10	0.87023
5 21 4 8 1 o	286.5507	311.0702	0.12	0.87021
3 30 1 8 1 o	167.1904	181.8528	180.48	0.87018
5 25 3 8 1 o	125.2566	136.0471	180.16	0.87007
10 23 1 8 1 o	367.0259	398.7879	180.25	0.86993
8 26 1 8 1 o	6349.2310	6900.6846	0.50	0.86992
13 13 2 8 1 o	101.5819	110.9230	0.85	0.86973
9 23 2 8 1 o	195.1882	213.2076	180.50	0.86941
1 4 6 8 1 o	522.4197	568.7935	180.09	0.86940
2 2 6 8 1 o	418.0780	456.3003	180.25	0.86929
1 31 0 4 1 o	55.6153	61.0521	179.94	0.86923
0 27 3 4 1 o	14747.1318	16150.5830	180.59	0.86920
2 23 4 8 1 o	743.2491	812.7443	0.67	0.86919
7 23 3 8 1 o	66.6508	73.0894	180.14	0.86917
4 30 0 4 1 o	231.8169	254.7759	0.73	0.86912
8 7 5 8 1 o	133.2572	148.1981	180.61	0.86868
6 20 4 8 1 o	84.1703	93.9474	0.73	0.86845
9 20 3 8 1 o	27.1128	30.3077	181.67	0.86842
15 7 0 4 1 o	2777.3096	3141.1067	0.29	0.86807
12 12 3 8 1 o	47.4945	54.0388	180.16	0.86787
10 18 3 8 1 o	60.7662	69.5850	0.15	0.86772
4 22 4 8 1 o	306.6109	356.5117	180.23	0.86740
14 8 2 8 1 o	222.9912	258.0043	0.15	0.86737
1 27 3 8 1 o	588.1349	684.4152	180.33	0.86737
5 29 1 8 1 o	16.3749	19.0550	1.30	0.86733
15 5 1 8 1 o	69.1975	81.0333	181.24	0.86707
2 3 6 8 1 o	402.2729	476.1079	0.31	0.86704
8 17 4 8 1 o	5518.2046	6508.5840	180.50	0.86696
14 12 1 8 1 o	57.2388	67.9010	0.37	0.86680
6 13 5 8 1 o	17.9150	21.8322	179.64	0.86614
10 12 4 8 1 o	883.9694	1066.1219	0.40	0.86607

13 16 1 8 1 o	22.8187	27.9281	180.56	0.86602
1 5 6 8 1 o	348.6697	440.4028	180.57	0.86537
13 7 3 8 1 o	5.0402	6.1557	179.65	0.86472
12 19 1 8 1 o	147.8130	185.3671	180.34	0.86472
9 15 4 8 1 o	14.5223	17.9668	359.18	0.86455
2 4 6 8 1 o	9.0335	11.3359	0.58	0.86393
7 11 5 8 1 o	135.4071	166.7670	359.93	0.86389
4 16 5 8 1 o	66.9243	83.4047	0.97	0.86377
4 26 3 8 1 o	72.0451	89.3417	179.86	0.86370
11 8 4 8 1 o	515.4066	621.9888	0.23	0.86353
13 17 0 4 1 o	1282.5471	1557.5226	179.98	0.86302
0 6 6 4 1 o	1114.6073	1329.7795	180.91	0.86231
7 19 4 8 1 o	1092.9600	1290.8562	180.47	0.86219
15 6 1 8 1 o	6.3795	7.4995	359.85	0.86219
6 27 2 8 1 o	28.6031	33.7940	180.39	0.86218
7 26 2 8 1 o	16.4747	19.4456	180.37	0.86214
8 8 5 8 1 o	2884.9163	3371.3291	0.53	0.86202
3 0 6 4 1 o	537.5089	632.2734	179.93	0.86199
8 22 3 8 1 o	16.0173	18.7707	0.32	0.86195
2 27 3 8 1 o	483.8351	567.5914	1.67	0.86194
3 17 5 8 1 o	19.4149	22.7332	0.10	0.86183
12 17 2 8 1 o	303.4723	352.9438	0.60	0.86175
9 25 1 8 1 o	529.3254	616.6260	0.49	0.86173
3 1 6 8 1 o	263.9119	305.8481	1.10	0.86155
3 29 2 8 1 o	86.0566	99.1096	180.71	0.86140
5 15 5 8 1 o	685.6508	786.3444	180.30	0.86124
1 18 5 8 1 o	206.0110	233.3784	180.45	0.86080
10 24 0 4 1 o	3492.5776	3942.6729	180.59	0.86071
1 6 6 8 1 o	0.3807	0.4278	353.45	0.86052
3 2 6 8 1 o	694.9271	774.5208	0.09	0.86023
3 23 4 8 1 o	509.4100	566.4432	180.66	0.86014
2 5 6 8 1 o	47.0254	52.0691	180.45	0.85998
11 16 3 8 1 o	388.6782	429.3945	180.25	0.85988
14 9 2 8 1 o	105.0172	115.9928	180.15	0.85987
0 31 1 4 1 o	5.3116	5.8086	359.38	0.85942
9 1 5 8 1 o	32.6780	35.6206	0.08	0.85922
12 20 0 4 1 o	51.4621	55.8740	180.90	0.85911
13 8 3 8 1 o	185.9245	198.9571	359.64	0.85814
3 3 6 8 1 o	12.7395	13.5501	358.62	0.85806
9 2 5 8 1 o	53.1710	56.7018	179.45	0.85791
13 14 2 8 1 o	315.7996	335.4317	0.52	0.85780
5 28 2 8 1 o	6.8659	7.2774	180.67	0.85778
8 25 2 8 1 o	16.7834	17.7571	358.63	0.85767
1 31 1 8 1 o	36.0960	38.2316	181.47	0.85765
4 30 1 8 1 o	279.6135	295.5661	180.71	0.85755
12 13 3 8 1 o	241.5412	254.0808	0.09	0.85688
15 7 1 8 1 o	45.8460	48.0426	181.02	0.85653
11 9 4 8 1 o	15.7231	16.4857	179.67	0.85612
14 13 1 8 1 o	0.6467	0.6743	183.02	0.85585
9 3 5 8 1 o	207.1275	216.8876	1.23	0.85576
0 24 4 4 1 o	32.9452	34.2027	1.60	0.85571
14 14 0 4 1 o	582.9539	607.2461	0.69	0.85552
2 18 5 8 1 o	93.0314	96.5224	180.15	0.85550
2 6 6 8 1 o	16.4647	17.1044	4.96	0.85522

10 13 4 8 1 o	92.9821	97.2526	0.31	0.85515
10 22 2 8 1 o	14.2010	14.7996	180.81	0.85510
3 4 6 8 1 o	73.0627	76.0379	359.99	0.85504
1 7 6 8 1 o	36.2117	37.6751	180.61	0.85490
3 31 0 4 1 o	121.8672	127.3138	181.30	0.85489
8 9 5 8 1 o	8020.8970	8405.9199	180.50	0.85465
6 14 5 8 1 o	1179.7318	1236.7490	180.73	0.85436
11 20 2 8 1 o	515.7319	540.7132	180.38	0.85435
15 9 0 4 1 o	101.5002	106.7946	0.40	0.85406
1 24 4 8 1 o	153.9021	161.8940	2.02	0.85396
7 12 5 8 1 o	908.5130	957.4191	0.66	0.85390
3 27 3 8 1 o	355.2280	377.5236	0.32	0.85311
9 4 5 8 1 o	182.9469	194.5232	0.50	0.85276
2 31 1 8 1 o	422.3973	450.8472	0.49	0.85240
11 22 1 8 1 o	38.0140	40.6760	180.73	0.85210
0 30 2 4 1 o	0.6287	0.6724	13.89	0.85181
8 18 4 8 1 o	3396.2671	3630.5278	180.52	0.85173
14 10 2 8 1 o	476.4646	508.4952	180.33	0.85170
13 17 1 8 1 o	157.6397	168.6181	180.06	0.85168
10 19 3 8 1 o	568.7508	607.8372	0.30	0.85160
5 22 4 8 1 o	0.6780	0.7256	357.60	0.85141
3 5 6 8 1 o	643.1475	688.1533	0.77	0.85121
9 16 4 8 1 o	205.7907	219.5177	180.54	0.85114
13 9 3 8 1 o	28.3940	30.2059	180.91	0.85087
12 0 4 4 1 o	1485.5399	1577.2957	0.93	0.85062
6 21 4 8 1 o	982.3591	1046.2499	180.62	0.85060
9 21 3 8 1 o	6.7427	7.1762	179.59	0.85058
6 25 3 8 1 o	483.2162	514.0862	180.69	0.85047
0 8 6 4 1 o	76.4067	81.2100	0.21	0.85026
12 1 4 8 1 o	527.8490	559.2267	180.51	0.85020
15 8 1 8 1 o	799.1004	847.0291	180.04	0.85014
1 30 2 8 1 o	7.7112	8.1739	354.35	0.85009
4 0 6 4 1 o	4032.3589	4259.0332	180.68	0.84970
2 7 6 8 1 o	0.1769	0.1868	359.01	0.84970
7 28 1 8 1 o	48.4606	51.1110	1.17	0.84956
4 17 5 8 1 o	16.7536	17.6662	180.85	0.84955
10 24 1 8 1 o	11.3291	11.9361	177.26	0.84946
4 1 6 8 1 o	66.3108	69.7415	0.66	0.84928
4 29 2 8 1 o	588.4885	618.2612	0.52	0.84914
9 24 2 8 1 o	1852.6401	1943.1079	180.57	0.84898
9 5 5 8 1 o	230.9884	242.7486	179.96	0.84896
12 2 4 8 1 o	133.2859	140.1672	180.06	0.84893
2 24 4 8 1 o	112.3631	117.5369	181.20	0.84877
7 24 3 8 1 o	2270.0977	2376.3479	180.49	0.84875
1 8 6 8 1 o	193.0939	201.4581	180.10	0.84854
11 10 4 8 1 o	272.5702	285.3239	180.19	0.84806
4 2 6 8 1 o	136.4434	142.1631	0.30	0.84802
5 16 5 8 1 o	204.9015	213.4348	0.48	0.84798
4 23 4 8 1 o	1847.1904	1922.7347	180.71	0.84794
12 20 1 8 1 o	181.9703	189.5899	0.16	0.84793
6 29 1 8 1 o	376.5810	392.5043	180.48	0.84791
5 26 3 8 1 o	3531.6997	3678.5334	180.99	0.84791
8 27 1 8 1 o	1659.8018	1731.9524	0.63	0.84694
3 18 5 8 1 o	231.7809	241.5875	180.41	0.84686

12 3 4 8 1 o	49.4715	51.9670	181.01	0.84684
12 18 2 8 1 o	2451.0156	2563.5161	0.84	0.84679
0 19 5 4 1 o	236.7247	246.7637	359.98	0.84676
8 10 5 8 1 o	2018.5463	2117.3882	0.54	0.84663
3 6 6 8 1 o	270.8063	283.0528	0.36	0.84660
4 3 6 8 1 o	322.8494	340.4330	180.47	0.84594
11 17 3 8 1 o	87.3799	92.3935	180.25	0.84584
7 20 4 8 1 o	94.2633	100.0265	0.33	0.84555
13 15 2 8 1 o	217.4228	230.9409	0.21	0.84552
12 14 3 8 1 o	18.1768	19.3275	180.05	0.84546
1 19 5 8 1 o	10.3400	11.0637	179.78	0.84506
2 30 2 8 1 o	56.4822	60.5157	358.91	0.84497
14 14 1 8 1 o	830.1469	896.9516	180.77	0.84447
9 6 5 8 1 o	104.4287	112.7829	180.96	0.84439
11 23 0 4 1 o	185.6517	201.6238	180.48	0.84425
15 0 2 4 1 o	1863.6324	2023.2914	180.59	0.84401
12 4 4 8 1 o	0.2420	0.2626	359.71	0.84394
3 31 1 8 1 o	7.5213	8.2095	1.68	0.84386
0 32 0 2 1 o	1995.1144	2176.5610	180.35	0.84386
10 14 4 8 1 o	325.6051	354.9655	0.36	0.84380
1 28 3 8 1 o	247.3145	270.8556	180.44	0.84376
15 1 2 8 1 o	1.1798	1.2879	174.25	0.84360
2 8 6 8 1 o	136.1507	150.1284	180.21	0.84346
7 13 5 8 1 o	126.4392	138.8583	180.62	0.84342
15 9 1 8 1 o	5225.5488	5757.4028	0.44	0.84307
4 4 6 8 1 o	133.2468	147.4805	0.43	0.84305
13 10 3 8 1 o	182.8876	201.1019	359.38	0.84296
14 11 2 8 1 o	1177.7937	1298.1819	180.30	0.84294
8 23 3 8 1 o	499.1308	553.2280	180.00	0.84284
15 2 2 8 1 o	5.1558	5.6964	3.20	0.84236
6 15 5 8 1 o	61.1552	68.1389	180.22	0.84222
5 30 1 8 1 o	115.9858	129.2671	0.57	0.84208
1 9 6 8 1 o	197.1926	221.3925	180.32	0.84151
3 7 6 8 1 o	57.0800	63.9409	1.15	0.84124
4 27 3 8 1 o	253.7234	283.6713	181.67	0.84120
3 24 4 8 1 o	18.8735	21.0460	356.63	0.84034
15 3 2 8 1 o	1.0758	1.1880	181.84	0.84032
12 5 4 8 1 o	831.8475	915.5887	180.45	0.84026
9 26 1 8 1 o	489.7483	544.7221	0.16	0.84019
2 19 5 8 1 o	415.2568	462.6329	180.29	0.84004
7 27 2 8 1 o	354.4122	392.6631	0.37	0.83976
11 11 4 8 1 o	124.5769	136.6571	180.22	0.83941
4 5 6 8 1 o	43.9033	48.5135	0.65	0.83938
9 7 5 8 1 o	1012.4200	1107.5759	0.32	0.83907
6 28 2 8 1 o	210.2195	231.2090	0.26	0.83898
2 28 3 8 1 o	70.2033	77.0863	0.11	0.83876
14 1 3 8 1 o	107.8300	116.7994	0.12	0.83838
8 11 5 8 1 o	301.3245	326.4994	0.30	0.83802
9 17 4 8 1 o	117.1256	126.1175	180.44	0.83752
15 4 2 8 1 o	12.3521	13.2499	2.26	0.83749
15 11 0 4 1 o	219.5997	236.4282	180.63	0.83747
11 21 2 8 1 o	319.2061	343.4503	180.60	0.83734
13 18 1 8 1 o	212.6670	228.4301	180.47	0.83723
2 32 0 4 1 o	687.8916	737.2289	180.00	0.83721

14 2 3 8 1 o	55.1719	58.7528	0.17	0.83717
7 29 0 4 1 o	0.3274	0.3496	197.54	0.83691
3 30 2 8 1 o	29.7128	31.5429	178.20	0.83665
2 9 6 8 1 o	135.6996	144.1864	0.18	0.83655
8 19 4 8 1 o	2567.2949	2713.1062	180.49	0.83648
10 23 2 8 1 o	10.2036	10.7835	1.82	0.83643
8 26 2 8 1 o	84.9735	89.8128	0.50	0.83643
12 6 4 8 1 o	235.3907	244.0223	0.86	0.83582
10 20 3 8 1 o	4.1838	4.3202	359.90	0.83555
0 10 6 4 1 o	20.0620	20.7133	180.58	0.83548
15 10 1 8 1 o	367.6573	377.6974	0.55	0.83537
16 0 0 2 1 o	1414.6310	1448.1018	0.21	0.83524
8 28 0 4 1 o	9.7527	9.9828	359.83	0.83521
4 18 5 8 1 o	149.0288	152.5624	180.22	0.83521
3 8 6 8 1 o	247.0591	252.7605	0.14	0.83518
14 3 3 8 1 o	93.2378	95.2381	1.98	0.83516
4 6 6 8 1 o	1.3660	1.3882	349.73	0.83495
5 0 6 4 1 o	98.2124	99.0339	180.37	0.83465
6 30 0 4 1 o	204.8719	205.9876	0.41	0.83454
5 17 5 8 1 o	393.5371	395.1917	180.18	0.83451
13 11 3 8 1 o	69.2429	69.5868	0.41	0.83446
5 1 6 8 1 o	2717.5081	2713.0493	180.92	0.83425
5 29 2 8 1 o	363.2831	361.4998	0.45	0.83412
15 5 2 8 1 o	34.0768	33.8299	1.90	0.83389
1 10 6 8 1 o	480.6262	474.2590	180.20	0.83385
1 25 4 8 1 o	10.9586	10.8022	180.57	0.83377
12 15 3 8 1 o	254.7456	251.6964	181.59	0.83370
14 12 2 8 1 o	82.7837	81.7111	180.97	0.83365
16 2 0 4 1 o	119.1184	117.5572	1.15	0.83364
11 23 1 8 1 o	12.4992	12.2957	178.94	0.83363
5 2 6 8 1 o	3.0184	2.9418	0.66	0.83306
9 8 5 8 1 o	352.3130	344.7098	180.09	0.83306
6 22 4 8 1 o	18.5654	18.0643	0.29	0.83302
9 22 3 8 1 o	17.0028	16.5553	181.04	0.83299
5 23 4 8 1 o	48.2334	46.8827	1.31	0.83298
13 16 2 8 1 o	9.3175	9.0783	359.79	0.83295
13 19 0 4 1 o	12.1561	11.8151	4.18	0.83294
14 15 1 8 1 o	47.0029	45.6292	1.16	0.83275
7 14 5 8 1 o	179.3539	173.7007	181.40	0.83253
14 4 3 8 1 o	90.4654	87.9249	180.31	0.83238
4 31 1 8 1 o	56.3662	54.4490	0.45	0.83233
10 15 4 8 1 o	88.9540	85.9564	181.38	0.83210
3 19 5 8 1 o	64.9447	62.2988	180.33	0.83186
12 19 2 8 1 o	823.3975	792.0554	0.45	0.83180
11 18 3 8 1 o	284.7053	273.9867	0.50	0.83168
1 32 1 8 1 o	1.4614	1.4054	180.56	0.83163
12 21 1 8 1 o	17.8888	17.1510	2.74	0.83129
5 3 6 8 1 o	359.0580	344.3104	1.00	0.83109
14 16 0 4 1 o	562.8728	539.5598	180.38	0.83087
12 7 4 8 1 o	291.9693	280.8044	0.19	0.83066
3 28 3 8 1 o	1590.7944	1523.8751	0.66	0.83062
11 12 4 8 1 o	3601.4065	3456.4341	0.53	0.83023
4 7 6 8 1 o	26.9365	25.8053	0.35	0.82981
6 16 5 8 1 o	504.6449	483.4977	180.54	0.82980

6 26 3 8 1 o	8.1830	7.8394 181.33 0.82974
10 25 1 8 1 o	858.8277	822.6517 0.30 0.82958
15 6 2 8 1 o	1230.9385	1179.1500 180.46 0.82955
9 27 0 4 1 o	334.5580	320.4346 180.33 0.82951
1 20 5 8 1 o	65.1287	62.3848 359.98 0.82937
9 25 2 8 1 o	924.5783	884.6064 0.15 0.82914
7 21 4 8 1 o	26.3214	25.1720 1.38 0.82905
2 10 6 8 1 o	362.9767	347.3419 180.37 0.82903
4 24 4 8 1 o	251.2094	240.2104 180.03 0.82895
2 25 4 8 1 o	296.8247	283.8639 0.41 0.82895
7 25 3 8 1 o	85.6379	81.8517 0.19 0.82892
16 4 0 4 1 o	87.2510	83.3350 1.29 0.82892
8 12 5 8 1 o	323.4769	308.9242 180.79 0.82889
14 5 3 8 1 o	199.5803	190.4818 180.92 0.82885
3 9 6 8 1 o	0.1889	0.1800 354.29 0.82847
5 4 6 8 1 o	464.8870	442.1245 180.14 0.82835
5 31 0 4 1 o	2.0031	1.9015 7.66 0.82820
10 1 5 8 1 o	24.4036	22.8825 180.09 0.82734
15 11 1 8 1 o	86.7949	80.9287 181.25 0.82710
2 32 1 8 1 o	790.5609	733.1928 180.70 0.82684
5 27 3 8 1 o	293.5222	270.4454 180.23 0.82659
7 29 1 8 1 o	46.6245	42.9474 180.37 0.82656
9 9 5 8 1 o	9734.9639	8972.8936 0.50 0.82640
10 2 5 8 1 o	79.5866	73.2216 180.65 0.82618
1 11 6 8 1 o	23.0602	20.7792 0.75 0.82563
1 31 2 8 1 o	267.3657	241.7144 0.45 0.82550
13 12 3 8 1 o	6.0570	5.5014 182.67 0.82545
4 30 2 8 1 o	135.9824	122.6974 179.79 0.82541
8 28 1 8 1 o	1180.6328	1057.8544 0.57 0.82492
5 5 6 8 1 o	1574.6809	1411.5266 180.80 0.82486
12 8 4 8 1 o	8.8744	8.0316 0.28 0.82483
12 22 0 4 1 o	0.4962	0.4436 176.13 0.82477
2 20 5 8 1 o	109.7653	97.7088 0.66 0.82462
14 6 3 8 1 o	6.2027	5.6019 179.53 0.82458
16 1 1 8 1 o	280.9902	252.7347 0.21 0.82456
15 7 2 8 1 o	767.1633	690.5621 0.31 0.82450
6 30 1 8 1 o	427.1133	381.3735 0.79 0.82428
10 3 5 8 1 o	332.6891	299.9644 0.89 0.82425
8 24 3 8 1 o	220.6522	196.8575 180.35 0.82418
4 8 6 8 1 o	0.7436	0.6619 180.61 0.82399
14 13 2 8 1 o	1502.6965	1345.8912 180.55 0.82389
9 18 4 8 1 o	8201.6709	7332.7671 180.59 0.82376
16 2 1 8 1 o	352.1577	315.7692 0.59 0.82341
0 29 3 4 1 o	672.7586	600.4781 0.69 0.82277
13 19 1 8 1 o	1045.1943	933.8029 0.22 0.82273
12 16 3 8 1 o	115.6329	104.2906 180.21 0.82165
10 4 5 8 1 o	0.2747	0.2489 356.30 0.82158
16 3 1 8 1 o	7.8412	7.0850 358.82 0.82150
7 15 5 8 1 o	8.3030	7.4878 182.88 0.82128
8 20 4 8 1 o	3.0267	2.7289 1.24 0.82125
1 29 3 8 1 o	0.1944	0.1750 6.20 0.82122
16 6 0 4 1 o	270.4977	244.5837 180.44 0.82121
3 10 6 8 1 o	255.3120	229.4549 0.20 0.82116
3 25 4 8 1 o	27.3032	24.5633 181.25 0.82109

2 11 6 8 1 o	108.9401	97.9626	180.11	0.82094
5 18 5 8 1 o	150.7154	135.8903	180.57	0.82090
2 31 2 8 1 o	61.1871	55.3311	181.02	0.82082
4 19 5 8 1 o	123.5551	111.3649	180.51	0.82081
14 16 1 8 1 o	569.2458	515.2666	180.34	0.82074
5 6 6 8 1 o	18.0115	16.2985	359.93	0.82066
11 13 4 8 1 o	90.3151	82.2902	179.96	0.82059
11 22 2 8 1 o	132.3928	119.9292	0.72	0.82055
13 17 2 8 1 o	881.0057	802.9791	0.90	0.82018
10 16 4 8 1 o	107.1873	97.9721	180.40	0.82012
10 26 0 4 1 o	165.8863	150.8460	180.31	0.82006
14 7 3 8 1 o	3.3411	3.0895	359.80	0.81963
10 21 3 8 1 o	488.3823	448.4078	181.18	0.81962
4 28 3 8 1 o	34.9457	32.0151	0.34	0.81961
9 27 1 8 1 o	10840.1436	9963.8545	0.51	0.81943
8 13 5 8 1 o	158.3414	146.5901	180.47	0.81930
9 10 5 8 1 o	55.4798	51.6447	0.74	0.81914
3 32 1 8 1 o	1155.8668	1074.2832	0.61	0.81904
16 4 1 8 1 o	740.9145	693.7609	0.84	0.81885
15 8 2 8 1 o	6.8568	6.4343	180.44	0.81880
15 13 0 4 1 o	386.8219	361.8214	181.10	0.81878
0 12 6 4 1 o	929.1097	873.9380	0.98	0.81842
12 9 4 8 1 o	23.9338	22.7517	180.29	0.81836
15 12 1 8 1 o	79.3494	75.2581	0.21	0.81832
7 28 2 8 1 o	176.1430	166.9614	180.10	0.81827
10 24 2 8 1 o	468.5749	445.4072	180.68	0.81819
10 5 5 8 1 o	6.2238	5.9459	179.67	0.81817
5 31 1 8 1 o	357.1349	339.9295	0.25	0.81817
4 32 0 4 1 o	40.0007	38.0956	359.01	0.81816
4 9 6 8 1 o	62.1020	60.3102	180.19	0.81755
11 19 3 8 1 o	114.7666	111.8346	0.21	0.81746
6 0 6 4 1 o	37.7810	37.0044	182.93	0.81730
6 17 5 8 1 o	71.5294	70.3941	180.51	0.81717
6 1 6 8 1 o	44.9771	44.5823	180.84	0.81693
1 12 6 8 1 o	326.9834	325.3181	0.40	0.81689
3 20 5 8 1 o	347.4311	345.6043	0.45	0.81688
12 20 2 8 1 o	550.5904	547.8408	180.56	0.81682
6 29 2 8 1 o	543.9583	541.7092	180.58	0.81681
1 33 0 4 1 o	164.2802	163.6754	180.07	0.81675
2 29 3 8 1 o	64.1238	64.2882	180.69	0.81660
13 13 3 8 1 o	33.2611	33.7556	180.04	0.81597
8 27 2 8 1 o	35.5389	36.2673	179.92	0.81594
6 2 6 8 1 o	0.0110	0.0112	315.00	0.81581
5 7 6 8 1 o	310.4925	317.8557	180.73	0.81578
6 23 4 8 1 o	1230.4987	1261.8403	0.86	0.81573
0 26 4 4 1 o	205.9232	211.5536	180.49	0.81573
9 23 3 8 1 o	6.0196	6.1679	359.76	0.81571
11 24 1 8 1 o	11.0782	11.3995	359.48	0.81556
16 5 1 8 1 o	97.0764	99.5201	0.93	0.81549
0 21 5 4 1 o	227.6468	236.0027	180.99	0.81530
5 24 4 8 1 o	74.5076	77.3558	179.68	0.81496
12 22 1 8 1 o	69.8483	72.5436	181.09	0.81485
1 26 4 8 1 o	149.6418	156.2345	180.37	0.81421
10 6 5 8 1 o	336.5380	349.3712	0.67	0.81407

14 8 3 8 1 o	217.9969	226.3874	0.08	0.81403
6 3 6 8 1 o	521.0396	543.0195	0.44	0.81395
1 21 5 8 1 o	1769.4867	1850.7139	0.55	0.81378
14 14 2 8 1 o	14.4480	15.0597	1.07	0.81373
3 11 6 8 1 o	92.6685	96.9684	181.03	0.81330
3 31 2 8 1 o	168.1738	175.8447	180.42	0.81318
7 22 4 8 1 o	15.4126	16.1494	178.69	0.81274
15 9 2 8 1 o	319.7804	335.0453	180.30	0.81247
2 12 6 8 1 o	241.9516	254.2821	181.27	0.81235
5 30 2 8 1 o	485.8140	512.6084	0.08	0.81159
16 6 1 8 1 o	222.2489	234.3910	180.82	0.81143
6 4 6 8 1 o	98.8533	104.3842	180.52	0.81138
9 11 5 8 1 o	13.3686	14.1014	0.60	0.81134
12 10 4 8 1 o	1.0609	1.1181	2.06	0.81132
16 8 0 4 1 o	494.2791	523.2625	0.12	0.81078
13 0 4 4 1 o	1294.2573	1366.8057	1.18	0.81056
11 14 4 8 1 o	8.8617	9.3791	359.12	0.81055
4 10 6 8 1 o	67.9321	72.1612	360.00	0.81052
4 25 4 8 1 o	48.4935	51.5306	181.11	0.81045
10 26 1 8 1 o	13.2863	14.1173	357.37	0.81031
5 8 6 8 1 o	293.0298	311.2561	180.18	0.81025
13 1 4 8 1 o	1172.1467	1238.8959	0.60	0.81019
9 19 4 8 1 o	6.1498	6.5277	1.61	0.80994
9 26 2 8 1 o	27.8222	29.5706	0.50	0.80989
7 16 5 8 1 o	576.8228	612.5656	180.43	0.80976
6 27 3 8 1 o	82.4591	87.6477	181.24	0.80972
2 26 4 8 1 o	7.0068	7.4545	358.73	0.80972
7 26 3 8 1 o	2579.3867	2741.3857	0.67	0.80970
12 17 3 8 1 o	0.2579	0.2735	172.46	0.80937
10 7 5 8 1 o	63.6698	67.3891	180.59	0.80931
8 14 5 8 1 o	906.0331	960.8605	0.62	0.80930
2 21 5 8 1 o	218.0544	231.9605	0.98	0.80930
13 2 4 8 1 o	150.9288	159.5237	180.60	0.80910
3 29 3 8 1 o	0.3387	0.3596	183.21	0.80909
15 13 1 8 1 o	0.7067	0.7493	187.78	0.80908
0 33 1 4 1 o	1210.1370	1280.6709	180.44	0.80860
14 17 1 8 1 o	50.3919	53.3260	180.54	0.80850
4 32 1 8 1 o	1646.6127	1741.9874	0.74	0.80848
13 20 1 8 1 o	878.1191	927.9456	0.24	0.80823
6 5 6 8 1 o	1.8574	1.9603	182.66	0.80810
10 17 4 8 1 o	57.5333	60.6302	178.89	0.80791
14 9 3 8 1 o	13417.6943	14125.7139	0.54	0.80781
1 13 6 8 1 o	6.1537	6.4796	2.07	0.80771
13 3 4 8 1 o	4.3055	4.5219	180.38	0.80729
13 18 2 8 1 o	679.1840	712.5761	181.40	0.80725
11 25 0 4 1 o	496.6628	520.8101	0.17	0.80723
5 19 5 8 1 o	26.2027	27.4740	0.38	0.80722
1 33 1 8 1 o	1982.0824	2077.8928	180.66	0.80712
16 7 1 8 1 o	54.3848	56.9030	180.16	0.80671
4 20 5 8 1 o	143.4398	149.4725	180.83	0.80640
8 21 4 8 1 o	673.3936	701.9872	0.72	0.80611
13 14 3 8 1 o	945.6245	987.9263	180.57	0.80610
5 28 3 8 1 o	499.7843	520.5345	181.01	0.80608
8 25 3 8 1 o	16.4602	17.1456	180.24	0.80599

15 10 2 8 1 o	39.8564	41.6532	179.87	0.80558
14 18 0 4 1 o	5806.2983	6052.4399	180.69	0.80535
3 12 6 8 1 o	320.1217	333.8718	180.33	0.80495
3 33 0 4 1 o	181.5243	190.2747	0.92	0.80482
13 4 4 8 1 o	195.0908	205.5682	180.45	0.80478
7 30 1 8 1 o	274.7674	288.3181	180.59	0.80462
6 18 5 8 1 o	3.2297	3.4008	0.60	0.80438
6 6 6 8 1 o	1017.8354	1077.3551	180.30	0.80415
5 9 6 8 1 o	75.8637	80.2722	180.37	0.80412
11 23 2 8 1 o	9.6191	10.2019	0.94	0.80401
10 8 5 8 1 o	10.0220	10.6809	182.39	0.80391
10 22 3 8 1 o	123.7698	131.7905	0.18	0.80385
8 29 1 8 1 o	23.4648	24.9913	359.40	0.80382
12 11 4 8 1 o	255.4718	273.2051	180.19	0.80373
0 32 2 4 1 o	873.7495	934.2484	180.27	0.80367
2 13 6 8 1 o	129.6199	139.8384	0.30	0.80332
11 20 3 8 1 o	617.3318	667.4993	0.27	0.80323
14 15 2 8 1 o	12.8588	13.9062	179.89	0.80322
9 12 5 8 1 o	168.6376	183.1233	180.73	0.80305
4 11 6 8 1 o	144.7582	157.8002	180.28	0.80296
13 21 0 4 1 o	78.6279	85.7470	179.61	0.80294
4 31 2 8 1 o	876.1723	957.5972	0.50	0.80285
2 33 1 8 1 o	1622.5797	1777.2070	0.49	0.80274
3 26 4 8 1 o	46.2423	51.2745	0.40	0.80239
1 32 2 8 1 o	946.5607	1051.4480	0.33	0.80222
3 21 5 8 1 o	1661.7423	1864.7928	180.43	0.80198
12 21 2 8 1 o	226.6369	253.6666	0.57	0.80192
6 31 1 8 1 o	148.7415	166.9209	0.22	0.80180
13 5 4 8 1 o	448.1024	499.7367	0.52	0.80158
16 8 1 8 1 o	4325.4927	4872.2783	0.57	0.80136
14 10 3 8 1 o	35.1170	39.5546	180.35	0.80103
10 25 2 8 1 o	355.6552	406.2638	180.01	0.80038
11 15 4 8 1 o	20.9213	23.7088	0.97	0.80017
1 30 3 8 1 o	48.4854	55.2445	0.62	0.79969
6 7 6 8 1 o	119.9466	136.1260	180.28	0.79955
0 14 6 4 1 o	330.3927	377.9035	180.45	0.79955
15 14 1 8 1 o	215.9102	244.5993	179.65	0.79945
9 28 1 8 1 o	45.7428	51.9910	181.07	0.79943
8 15 5 8 1 o	117.2619	131.8870	181.11	0.79896
4 29 3 8 1 o	308.6580	347.9923	0.73	0.79890
6 24 4 8 1 o	75.7791	85.2752	0.07	0.79878
9 24 3 8 1 o	195.3955	219.5411	0.88	0.79876
12 23 1 8 1 o	21.1102	23.6956	359.13	0.79865
15 15 0 4 1 o	711.7192	794.9444	0.41	0.79849
1 22 5 8 1 o	201.5492	225.2883	180.44	0.79834
15 11 2 8 1 o	148.5696	164.4187	180.50	0.79815
7 0 6 4 1 o	3.6422	4.0316	358.89	0.79813
1 14 6 8 1 o	136.3728	151.6473	180.41	0.79812
7 17 5 8 1 o	167.0319	184.6504	0.23	0.79800
16 10 0 4 1 o	373.8578	412.3351	179.91	0.79794
11 25 1 8 1 o	44.1520	48.7689	181.16	0.79793
2 32 2 8 1 o	20.5877	22.7174	1.35	0.79792
10 9 5 8 1 o	764.4280	841.2235	0.75	0.79792
7 1 6 8 1 o	2268.9978	2493.0530	0.57	0.79778

13 6 4 8 1 o	1515.3544	1659.6952	0.64	0.79772
7 29 2 8 1 o	0.5432	0.5961	188.57	0.79767
5 10 6 8 1 o	40.8607	44.5728	180.16	0.79743
5 25 4 8 1 o	28.8554	31.4238	179.91	0.79736
12 18 3 8 1 o	72.0576	77.7250	0.20	0.79694
7 2 6 8 1 o	2.1182	2.2754	0.74	0.79674
7 23 4 8 1 o	1165.3066	1248.4498	180.53	0.79667
16 0 2 4 1 o	1724.4552	1837.8131	180.58	0.79622
8 28 2 8 1 o	68.7883	73.0103	0.50	0.79619
3 13 6 8 1 o	611.7377	647.8754	180.71	0.79616
14 18 1 8 1 o	45.5768	48.3340	0.11	0.79611
9 20 4 8 1 o	13.1966	14.0007	179.56	0.79609
11 1 5 8 1 o	43.6338	46.3782	180.17	0.79593
13 15 3 8 1 o	65.5039	69.3980	180.43	0.79588
16 1 2 8 1 o	1535.8094	1629.0154	180.77	0.79587
12 12 4 8 1 o	1499.1702	1586.5096	180.42	0.79567
6 30 2 8 1 o	49.6526	52.2760	0.36	0.79561
3 33 1 8 1 o	350.5674	369.4663	0.96	0.79560
10 18 4 8 1 o	65.8218	69.4004	1.27	0.79555
5 32 1 8 1 o	209.9074	220.8419	180.86	0.79549
16 9 1 8 1 o	2280.7520	2402.7356	180.48	0.79543
2 30 3 8 1 o	0.9699	1.0187	1.57	0.79543
1 27 4 8 1 o	0.0602	0.0630	199.04	0.79528
7 3 6 8 1 o	140.1030	147.0968	181.14	0.79501
4 12 6 8 1 o	185.9577	194.3897	0.94	0.79492
11 2 5 8 1 o	222.2914	234.1736	180.27	0.79489
16 2 2 8 1 o	2.6876	2.8257	2.75	0.79484
6 8 6 8 1 o	23.4292	24.4971	180.06	0.79435
9 13 5 8 1 o	323.9114	339.3773	0.50	0.79431
15 1 3 8 1 o	17.1164	17.9885	0.20	0.79428
13 19 2 8 1 o	273.7372	286.1851	0.69	0.79422
0 34 0 2 1 o	1395.4176	1459.9658	0.71	0.79422
2 22 5 8 1 o	4.0800	4.2508	176.92	0.79411
2 14 6 8 1 o	319.1583	332.4290	180.13	0.79389
13 21 1 8 1 o	233.5809	243.8315	1.15	0.79378
14 11 3 8 1 o	58.3135	61.1539	181.58	0.79373
5 20 5 8 1 o	1083.1400	1129.8960	180.37	0.79351
15 2 3 8 1 o	1794.2554	1885.4939	0.33	0.79325
13 7 4 8 1 o	122.6120	128.8716	0.29	0.79324
11 3 5 8 1 o	33.2605	34.9621	183.16	0.79318
16 3 2 8 1 o	166.3275	174.5579	0.82	0.79312
7 4 6 8 1 o	142.0749	148.9670	0.19	0.79261
7 31 0 4 1 o	2.8354	2.9676	353.45	0.79248
4 26 4 8 1 o	597.6169	624.6506	180.35	0.79245
14 16 2 8 1 o	340.9080	357.5505	0.56	0.79243
8 30 0 4 1 o	1179.8284	1234.7958	180.54	0.79240
4 21 5 8 1 o	3.3349	3.4911	182.63	0.79205
10 27 1 8 1 o	391.2790	411.5491	180.93	0.79164
15 3 3 8 1 o	1.8011	1.9108	1.07	0.79154
12 24 0 4 1 o	1772.5295	1866.8357	0.68	0.79150
6 19 5 8 1 o	489.0525	515.4391	180.26	0.79149
10 10 5 8 1 o	321.0374	340.6213	359.92	0.79138
9 27 2 8 1 o	0.0246	0.0260	142.40	0.79125
8 22 4 8 1 o	121.9633	129.3769	180.67	0.79109

2 27 4 8 1 o	2.2320	2.3631	359.90	0.79109
7 27 3 8 1 o	259.2231	274.8908	0.11	0.79107
3 32 2 8 1 o	26.2524	27.9414	359.30	0.79090
11 4 5 8 1 o	74.4315	79.7989	0.30	0.79079
16 4 2 8 1 o	200.5342	214.8700	0.65	0.79074
6 28 3 8 1 o	40.1832	43.1471	0.04	0.79042
15 12 2 8 1 o	297.9644	321.8683	0.62	0.79025
5 11 6 8 1 o	388.3747	418.7905	0.68	0.79023
5 31 2 8 1 o	692.7804	749.2631	0.49	0.79012
7 5 6 8 1 o	842.4902	924.2734	0.74	0.78955
11 16 4 8 1 o	39.6038	43.5260	0.76	0.78949
15 15 1 8 1 o	1.0889	1.1964	9.85	0.78948
15 4 3 8 1 o	188.4788	208.8558	1.54	0.78917
6 32 0 4 1 o	513.3134	569.1630	0.28	0.78912
11 21 3 8 1 o	0.5184	0.5759	357.77	0.78905
16 10 1 8 1 o	1710.9607	1905.4038	0.69	0.78895
9 29 0 4 1 o	38.2883	42.7338	1.42	0.78887
2 34 0 4 1 o	805.6493	903.8596	0.14	0.78867
6 9 6 8 1 o	328.0992	369.0846	0.19	0.78857
3 30 3 8 1 o	27.5521	31.0822	181.38	0.78847
8 16 5 8 1 o	36.2909	41.0673	1.19	0.78834
10 23 3 8 1 o	579.0309	656.3119	0.35	0.78829
8 26 3 8 1 o	17.5170	19.8619	0.76	0.78828
1 15 6 8 1 o	159.8111	181.7992	180.39	0.78820
13 8 4 8 1 o	218.7684	248.4521	0.14	0.78815
11 24 2 8 1 o	914.3017	1051.3911	0.80	0.78777
11 5 5 8 1 o	1.7188	1.9714	359.90	0.78776
16 5 2 8 1 o	256.3687	294.7042	181.22	0.78770
3 22 5 8 1 o	13.7167	16.0587	1.56	0.78719
12 13 4 8 1 o	16.6091	19.3616	1.96	0.78717
12 22 2 8 1 o	1.3338	1.5614	177.45	0.78713
3 14 6 8 1 o	91.4012	107.6937	0.39	0.78697
4 13 6 8 1 o	139.0938	166.4918	0.01	0.78645
5 29 3 8 1 o	5.8483	7.0127	179.94	0.78635
15 5 3 8 1 o	0.2056	0.2460	182.62	0.78616
7 18 5 8 1 o	8.3208	10.0541	181.12	0.78608
14 12 3 8 1 o	3.2430	3.9102	179.46	0.78596
4 33 1 8 1 o	396.2312	480.9529	180.30	0.78591
7 6 6 8 1 o	36.5243	44.3135	359.99	0.78587
17 1 0 4 1 o	2285.0842	2775.8940	180.56	0.78577
13 16 3 8 1 o	436.0512	535.9949	0.13	0.78537
9 14 5 8 1 o	65.2033	80.5802	0.73	0.78520
0 23 5 4 1 o	187.8980	240.8710	0.35	0.78444
12 19 3 8 1 o	747.0740	943.2969	0.30	0.78440
10 11 5 8 1 o	174.4403	218.7448	180.28	0.78434
3 27 4 8 1 o	286.5231	367.0533	180.41	0.78425
2 15 6 8 1 o	145.9926	188.3630	180.39	0.78412
11 6 5 8 1 o	75.6301	94.5656	0.95	0.78410
16 6 2 8 1 o	440.7796	554.6033	180.38	0.78404
1 34 1 8 1 o	38.5341	48.9917	0.60	0.78400
7 31 1 8 1 o	56.1786	71.9243	180.95	0.78368
14 19 1 8 1 o	68.7401	87.9577	180.59	0.78361
8 30 1 8 1 o	148.3846	190.1870	181.09	0.78360
17 3 0 4 1 o	0.1020	0.1287	36.27	0.78312

1 23 5 8 1 o	157.0382	202.1758	180.38	0.78309
10 19 4 8 1 o	87.2661	110.4617	0.62	0.78307
16 12 0 4 1 o	461.2985	584.4433	0.30	0.78304
10 26 2 8 1 o	453.6696	578.3765	0.42	0.78303
12 24 1 8 1 o	131.0293	166.1834	180.56	0.78273
5 12 6 8 1 o	0.8339	1.0528	0.97	0.78256
15 6 3 8 1 o	363.2354	449.7407	180.55	0.78252
13 9 4 8 1 o	9.8198	12.1501	0.84	0.78251
5 33 0 4 1 o	433.1749	542.7775	359.92	0.78244
9 21 4 8 1 o	204.4783	254.9847	0.03	0.78228
6 10 6 8 1 o	3.8397	4.7906	181.83	0.78226
6 25 4 8 1 o	1214.5994	1517.2423	0.38	0.78219
9 25 3 8 1 o	53.4317	66.5759	180.23	0.78217
10 28 0 4 1 o	1004.4255	1248.6505	180.24	0.78203
16 11 1 8 1 o	43.6867	53.8472	1.10	0.78197
15 13 2 8 1 o	288.5242	354.6662	180.69	0.78193
7 7 6 8 1 o	516.9398	629.7615	0.57	0.78158
14 17 2 8 1 o	602.2969	730.1996	180.95	0.78140
4 32 2 8 1 o	5.1215	6.2159	359.48	0.78138
13 20 2 8 1 o	336.9770	405.7961	0.59	0.78116
7 24 4 8 1 o	1014.8447	1211.9408	0.42	0.78085
11 26 1 8 1 o	6.6750	7.9440	3.69	0.78073
0 31 3 4 1 o	666.1201	785.9879	180.61	0.78045
6 32 1 8 1 o	1166.5291	1375.1199	180.84	0.78042
5 26 4 8 1 o	11.3536	13.3112	180.26	0.78020
9 29 1 8 1 o	5.4027	6.3306	358.96	0.78018
1 33 2 8 1 o	845.3828	989.5273	180.34	0.78016
2 34 1 8 1 o	87.5048	101.9798	180.51	0.77999
11 7 5 8 1 o	18.8675	21.8880	180.79	0.77983
5 21 5 8 1 o	397.3848	461.6160	0.29	0.77982
16 7 2 8 1 o	10.4414	12.1049	182.01	0.77978
13 22 1 8 1 o	18.1760	20.9387	1.18	0.77943
14 20 0 4 1 o	231.7854	267.0158	1.09	0.77943
0 16 6 4 1 o	1333.2257	1532.1531	0.48	0.77932
15 16 1 8 1 o	480.4909	551.3423	0.27	0.77922
1 31 3 8 1 o	15.4739	17.7226	180.18	0.77912
2 23 5 8 1 o	7.5112	8.5974	182.40	0.77909
4 30 3 8 1 o	76.2368	87.1987	180.44	0.77904
11 17 4 8 1 o	820.4720	932.2423	180.51	0.77859
6 20 5 8 1 o	491.7615	558.4655	0.56	0.77855
12 14 4 8 1 o	1.3217	1.4962	2.63	0.77829
15 7 3 8 1 o	18.8357	21.3169	180.37	0.77828
0 28 4 4 1 o	558.9129	632.5719	180.30	0.77828
1 16 6 8 1 o	689.3430	777.8546	180.24	0.77799
17 5 0 4 1 o	1888.5688	2129.2739	180.58	0.77791
7 30 2 8 1 o	1097.0493	1236.8492	180.38	0.77789
4 22 5 8 1 o	720.7054	811.8506	180.56	0.77780
14 13 3 8 1 o	59.3267	66.7899	180.67	0.77777
8 0 6 4 1 o	891.2583	1001.9216	0.73	0.77760
4 14 6 8 1 o	13.5044	15.1867	181.75	0.77759
8 17 5 8 1 o	7.7195	8.6717	180.44	0.77748
3 15 6 8 1 o	269.1667	302.4035	0.60	0.77746
8 1 6 8 1 o	66.6613	74.7370	0.59	0.77728
17 1 1 8 1 o	241.9617	271.0768	0.04	0.77719

8 29 2 8 1 o	3.4770	3.8976	4.02	0.77717
15 17 0 4 1 o	4982.0981	5579.2495	180.72	0.77704
1 28 4 8 1 o	244.8750	274.1862	0.12	0.77696
10 12 5 8 1 o	235.7967	263.4601	0.75	0.77684
7 8 6 8 1 o	8.7720	9.7984	0.40	0.77671
13 10 4 8 1 o	488.7861	543.7939	180.22	0.77634
8 2 6 8 1 o	104.9429	116.8422	0.41	0.77631
8 23 4 8 1 o	1033.1823	1151.2582	180.70	0.77625
17 2 1 8 1 o	363.2221	404.1403	0.00	0.77622
2 33 2 8 1 o	380.1088	423.3458	0.35	0.77620
9 15 5 8 1 o	318.5716	353.3781	0.98	0.77574
6 11 6 8 1 o	7.5891	8.4079	0.68	0.77545
6 31 2 8 1 o	439.3772	486.4511	180.61	0.77535
2 31 3 8 1 o	103.8782	114.8500	0.59	0.77518
11 8 5 8 1 o	105.5930	116.1450	181.13	0.77500
4 27 4 8 1 o	74.0107	81.6922	0.29	0.77496
11 22 3 8 1 o	51.7184	57.0083	180.60	0.77495
16 8 2 8 1 o	215.2332	236.8310	0.12	0.77495
8 3 6 8 1 o	870.3327	955.5277	180.35	0.77471
13 17 3 8 1 o	1.8373	2.0162	179.85	0.77464
17 3 1 8 1 o	33.7953	37.0630	0.37	0.77462
16 12 1 8 1 o	4.8372	5.3041	184.28	0.77454
5 13 6 8 1 o	805.0118	883.2525	0.72	0.77447
2 16 6 8 1 o	86.9216	94.9636	0.35	0.77407
7 19 5 8 1 o	13.5235	14.7459	0.00	0.77404
5 33 1 8 1 o	511.7677	557.2722	180.36	0.77396
10 28 1 8 1 o	15.2072	16.4765	180.88	0.77357
15 8 3 8 1 o	6679.9141	7207.6377	0.62	0.77348
3 34 1 8 1 o	26.5430	28.6730	1.38	0.77343
13 23 0 4 1 o	265.5470	287.0490	0.89	0.77341
15 14 2 8 1 o	198.5853	213.7353	180.81	0.77322
9 28 2 8 1 o	186.6031	201.0180	180.21	0.77321
14 0 4 4 1 o	615.5089	659.5962	0.15	0.77307
2 28 4 8 1 o	70.3480	75.6243	0.06	0.77305
7 28 3 8 1 o	1796.0049	1929.3668	0.63	0.77303
10 24 3 8 1 o	49.2496	52.8291	180.01	0.77296
14 1 4 8 1 o	435.6653	464.6127	1.09	0.77276
4 34 0 4 1 o	182.1362	194.4249	1.04	0.77268
3 23 5 8 1 o	6.1605	6.5672	178.99	0.77255
12 23 2 8 1 o	505.6279	538.1788	0.49	0.77250
8 4 6 8 1 o	0.0979	0.1041	19.16	0.77249
17 4 1 8 1 o	865.0502	918.3934	180.49	0.77240
11 27 0 4 1 o	473.3434	500.6298	180.47	0.77214
11 25 2 8 1 o	72.6482	76.3856	0.59	0.77184
14 2 4 8 1 o	0.6037	0.6338	177.06	0.77181
12 20 3 8 1 o	326.9386	343.4855	180.18	0.77181
6 29 3 8 1 o	291.5091	306.2401	0.20	0.77179
7 9 6 8 1 o	29.2477	30.4372	359.71	0.77131
8 27 3 8 1 o	4010.2229	4153.4312	0.54	0.77106
14 20 1 8 1 o	247.0692	255.8428	0.47	0.77105
10 20 4 8 1 o	210.9770	216.4499	0.43	0.77054
17 7 0 4 1 o	38.6420	39.4621	181.50	0.77027
1 35 0 4 1 o	4058.4980	4141.6631	0.47	0.77024
14 3 4 8 1 o	45.6113	46.5916	180.53	0.77024

14 18 2 8 1 o	38.7414	39.5004	181.65	0.77020
3 33 2 8 1 o	9.0422	9.1411	0.41	0.76973
13 11 4 8 1 o	199.3921	201.6864	0.11	0.76969
8 5 6 8 1 o	35.8500	36.2212	0.61	0.76966
5 32 2 8 1 o	1001.9695	1010.9389	0.31	0.76963
11 9 5 8 1 o	3533.6414	3570.8796	180.77	0.76963
16 9 2 8 1 o	30.8806	31.1614	0.21	0.76958
17 5 1 8 1 o	495.7445	500.1119	0.65	0.76957
14 14 3 8 1 o	236.3549	236.8824	0.10	0.76920
12 15 4 8 1 o	198.1787	198.2296	0.55	0.76908
10 13 5 8 1 o	139.8500	139.4737	0.35	0.76893
3 31 3 8 1 o	79.4867	78.8267	0.18	0.76874
15 17 1 8 1 o	0.5409	0.5367	180.46	0.76873
9 22 4 8 1 o	151.0481	149.2973	180.77	0.76853
4 15 6 8 1 o	388.1672	382.1327	179.94	0.76841
6 12 6 8 1 o	146.3250	143.6637	0.51	0.76820
15 9 3 8 1 o	60.9272	59.9688	0.50	0.76814
13 21 2 8 1 o	71.3755	69.9451	180.27	0.76809
1 24 5 8 1 o	765.4001	747.7720	0.33	0.76806
14 4 4 8 1 o	56.9229	56.0369	0.31	0.76805
3 16 6 8 1 o	195.5071	189.5779	0.27	0.76766
1 17 6 8 1 o	4077.3242	3943.3208	0.50	0.76755
11 18 4 8 1 o	1544.4950	1500.9860	1.22	0.76750
5 30 3 8 1 o	443.9850	429.4086	0.75	0.76739
12 25 1 8 1 o	170.3060	163.9138	1.03	0.76710
16 13 1 8 1 o	0.0759	0.0729	16.18	0.76670
3 28 4 8 1 o	150.0219	143.4663	0.29	0.76666
16 14 0 4 1 o	76.0226	72.7722	181.32	0.76646
8 18 5 8 1 o	8.9331	8.5497	359.87	0.76644
8 6 6 8 1 o	2989.0596	2863.1741	0.42	0.76624
5 22 5 8 1 o	47.9094	45.6114	181.58	0.76621
17 6 1 8 1 o	111.1350	106.3977	0.95	0.76616
10 27 2 8 1 o	69.9198	66.6209	180.38	0.76615
5 14 6 8 1 o	20.9269	19.9065	180.41	0.76601
9 16 5 8 1 o	240.6965	229.9326	179.99	0.76601
6 26 4 8 1 o	174.3026	165.7881	180.50	0.76597
9 26 3 8 1 o	2738.1399	2606.7222	180.77	0.76596
6 21 5 8 1 o	1.3895	1.3194	180.79	0.76562
7 10 6 8 1 o	208.7702	198.7241	0.15	0.76540
7 25 4 8 1 o	84.6129	80.3231	180.83	0.76533
12 1 5 8 1 o	14.8321	14.2251	179.64	0.76532
14 5 4 8 1 o	604.7987	579.9528	0.85	0.76527
13 23 1 8 1 o	260.4056	247.1306	180.69	0.76522
4 34 1 8 1 o	0.6308	0.6007	7.19	0.76452
12 2 5 8 1 o	551.5478	529.6052	0.18	0.76440
2 24 5 8 1 o	54.2597	51.5160	180.59	0.76428
8 31 1 8 1 o	15.0118	14.2998	2.10	0.76421
15 15 2 8 1 o	39.3005	37.5576	0.83	0.76419
11 27 1 8 1 o	4831.4688	4607.1899	180.74	0.76399
2 17 6 8 1 o	361.4791	344.5768	0.34	0.76378
11 10 5 8 1 o	0.8631	0.8302	355.67	0.76376
13 18 3 8 1 o	231.4082	222.0103	0.38	0.76372
16 10 2 8 1 o	450.8333	433.1053	180.23	0.76371
7 32 1 8 1 o	767.3924	734.6882	0.74	0.76368

4 23 5 8 1 o	3.0790	2.9418 179.32 0.76367
5 27 4 8 1 o	52.2495	50.0655 180.86 0.76349
0 35 1 4 1 o	13.9476	13.4137 1.97 0.76339
12 3 5 8 1 o	697.5482	677.6415 180.75 0.76287
13 12 4 8 1 o	1569.0348	1526.9727 180.61 0.76259
15 10 3 8 1 o	1109.5886	1083.2532 1.02 0.76230
8 7 6 8 1 o	14.8456	14.4850 179.89 0.76227
17 7 1 8 1 o	127.9578	124.9789 0.84 0.76218
1 35 1 8 1 o	78.9019	77.0461 0.50 0.76215
7 20 5 8 1 o	137.8782	134.9380 0.73 0.76193
14 6 4 8 1 o	391.5148	384.0420 180.42 0.76191
9 30 1 8 1 o	27.1812	26.6810 1.22 0.76165
8 24 4 8 1 o	1634.8243	1605.8102 180.39 0.76160
11 23 3 8 1 o	38.7631	38.2628 179.95 0.76098
4 33 2 8 1 o	16.8389	16.6235 358.70 0.76095
12 4 5 8 1 o	541.9141	536.1180 180.48 0.76075
10 14 5 8 1 o	35.2921	34.9022 180.80 0.76065
6 13 6 8 1 o	0.6825	0.6748 2.93 0.76055
0 34 2 4 1 o	121.0271	119.7009 359.98 0.76044
17 9 0 4 1 o	82.2852	81.4081 179.92 0.76044
14 15 3 8 1 o	360.9871	357.3561 1.14 0.76030
3 35 0 4 1 o	714.2329	706.7811 181.02 0.76021
6 33 1 8 1 o	1052.5302	1041.2908 0.24 0.76006
4 31 3 8 1 o	71.5324	70.7459 180.71 0.75999
12 16 4 8 1 o	133.7369	132.5393 180.91 0.75959
12 26 0 4 1 o	65.7235	64.9492 181.00 0.75954
1 32 3 8 1 o	387.5359	383.1347 180.75 0.75946
1 29 4 8 1 o	3.8816	3.8333 180.43 0.75925
1 34 2 8 1 o	362.2378	358.4337 180.69 0.75922
12 21 3 8 1 o	490.5107	485.6060 1.00 0.75920
7 11 6 8 1 o	332.4351	329.1963 180.76 0.75902
4 16 6 8 1 o	206.9410	204.3318 0.65 0.75894
7 31 2 8 1 o	275.1155	272.1235 180.36 0.75892
14 19 2 8 1 o	592.0054	586.4233 180.82 0.75886
8 30 2 8 1 o	307.0201	303.6967 180.60 0.75885
16 14 1 8 1 o	1086.3433	1078.8099 0.79 0.75848
14 21 1 8 1 o	47.1827	46.7700 359.44 0.75848
2 35 1 8 1 o	378.5089	375.9168 0.40 0.75846
0 18 6 4 1 o	19420.4453	19240.8750 0.56 0.75814
3 24 5 8 1 o	31.2732	31.0381 180.97 0.75811
12 24 2 8 1 o	1212.9589	1207.8423 0.61 0.75806
15 18 1 8 1 o	66.9211	66.6813 180.62 0.75806
12 5 5 8 1 o	264.0933	264.9322 0.49 0.75805
14 7 4 8 1 o	881.0755	884.3655 0.31 0.75800
10 21 4 8 1 o	694.3943	693.2381 180.62 0.75799
4 28 4 8 1 o	322.5313	321.0550 180.34 0.75798
10 25 3 8 1 o	1387.2457	1385.1357 180.62 0.75790
8 8 6 8 1 o	21.5123	21.5898 359.91 0.75775
17 8 1 8 1 o	1117.0940	1122.8871 180.88 0.75767
3 17 6 8 1 o	197.2208	197.3262 181.31 0.75762
11 11 5 8 1 o	382.7909	387.2995 0.25 0.75742
16 11 2 8 1 o	269.9872	273.0868 0.61 0.75737
5 15 6 8 1 o	392.7691	397.1989 180.74 0.75722
1 18 6 8 1 o	404.8488	412.1764 0.56 0.75692

11 19 4 8 1 o	0.6766	0.7029	0.28	0.75628
11 26 2 8 1 o	197.1960	205.0180	180.33	0.75625
9 0 6 4 1 o	551.0164	574.5460	0.44	0.75614
10 29 1 8 1 o	359.2355	375.2022	180.27	0.75609
9 17 5 8 1 o	153.3257	160.3251	180.27	0.75603
15 11 3 8 1 o	87.7052	91.7705	180.33	0.75600
6 32 2 8 1 o	907.5252	950.9674	0.30	0.75597
9 1 6 8 1 o	1845.5288	1938.4795	180.69	0.75585
2 32 3 8 1 o	0.6306	0.6638	358.64	0.75580
9 29 2 8 1 o	5.9877	6.3123	1.45	0.75575
2 29 4 8 1 o	12.3766	13.1040	358.84	0.75560
7 29 3 8 1 o	18.0743	19.1352	180.05	0.75559
2 34 2 8 1 o	1091.3752	1155.4733	180.56	0.75557
8 19 5 8 1 o	6.2184	6.6312	181.54	0.75527
13 13 4 8 1 o	8.8848	9.4885	181.79	0.75510
13 22 2 8 1 o	121.7227	130.4335	0.09	0.75507
9 2 6 8 1 o	333.9533	357.8099	180.31	0.75496
9 23 4 8 1 o	0.3855	0.4145	3.41	0.75490
15 16 2 8 1 o	4.1800	4.4926	358.74	0.75488
15 19 0 4 1 o	269.5363	290.1788	181.46	0.75486
12 6 5 8 1 o	157.5176	169.1083	180.59	0.75478
0 25 5 4 1 o	357.6562	388.8200	0.38	0.75447
8 28 3 8 1 o	46.7949	50.8952	180.09	0.75433
16 1 3 8 1 o	179.1208	194.6397	359.93	0.75406
6 30 3 8 1 o	8.0943	8.8709	1.10	0.75384
14 8 4 8 1 o	2.8141	3.0776	0.11	0.75356
14 22 0 4 1 o	22.2590	24.5005	0.31	0.75351
5 34 1 8 1 o	145.1689	159.6221	0.22	0.75350
9 3 6 8 1 o	324.9240	356.2574	1.01	0.75349
17 0 2 4 1 o	661.4724	726.3309	180.27	0.75331
2 18 6 8 1 o	1178.7130	1303.0261	181.00	0.75331
1 25 5 8 1 o	128.9150	142.5176	0.79	0.75328
8 32 0 4 1 o	405.5636	447.6895	0.09	0.75321
16 2 3 8 1 o	130.1599	142.9603	180.16	0.75318
17 1 2 8 1 o	1945.9858	2143.0308	180.65	0.75302
0 1 7 4 1 o	284.0715	315.4781	180.32	0.75279
8 9 6 8 1 o	232.9748	257.6364	180.20	0.75273
6 22 5 8 1 o	113.8761	126.2951	1.13	0.75272
5 23 5 8 1 o	416.6707	462.4284	180.34	0.75269
13 19 3 8 1 o	1.9034	2.1068	0.13	0.75266
17 9 1 8 1 o	12.2835	13.5909	0.69	0.75265
6 14 6 8 1 o	56.4833	62.6800	0.42	0.75253
3 35 1 8 1 o	0.0929	0.1031	186.19	0.75242
7 12 6 8 1 o	7.1924	7.9870	179.75	0.75222
17 2 2 8 1 o	250.4973	277.6151	180.65	0.75214
7 33 0 4 1 o	1407.1454	1564.2461	0.56	0.75211
10 15 5 8 1 o	75.5171	83.8080	1.47	0.75204
12 26 1 8 1 o	1.9621	2.1840	355.23	0.75178
16 3 3 8 1 o	135.9060	150.8104	359.93	0.75172
1 1 7 8 1 o	44.4714	49.5450	0.22	0.75159
9 4 6 8 1 o	9.4241	10.4752	180.48	0.75144
9 31 0 4 1 o	177.3963	197.4465	180.13	0.75134
13 24 1 8 1 o	26.4648	29.4558	0.73	0.75118
14 16 3 8 1 o	59.0575	65.7120	180.18	0.75113

12 7 5 8 1 o	122.0889	135.8905	180.34	0.75098
1 2 7 8 1 o	48.0863	53.5206	180.40	0.75072
17 3 2 8 1 o	397.0838	442.6634	0.72	0.75069
11 12 5 8 1 o	304.7918	339.8367	0.65	0.75066
16 12 2 8 1 o	131.8367	147.0119	0.47	0.75061
0 3 7 4 1 o	748.8669	834.2955	180.38	0.75046
6 27 4 8 1 o	158.9807	177.8308	180.29	0.75015
9 27 3 8 1 o	41.1754	46.0808	179.77	0.75013
7 26 4 8 1 o	78.8355	88.2222	0.08	0.75012
0 36 0 2 1 o	12426.3320	13923.7256	0.55	0.75009
5 33 2 8 1 o	200.0775	224.0872	180.82	0.75008
16 15 1 8 1 o	5.2458	5.8896	358.49	0.74995
12 17 4 8 1 o	16.3005	18.3394	1.91	0.74987
3 32 3 8 1 o	304.5467	342.4926	1.13	0.74983
7 21 5 8 1 o	18.9668	21.3512	178.80	0.74979
10 28 2 8 1 o	16.7841	18.9153	179.81	0.74973
4 24 5 8 1 o	19.2368	21.6768	1.36	0.74971
2 25 5 8 1 o	133.9354	150.8911	1.02	0.74971
16 4 3 8 1 o	110.6174	124.9121	0.32	0.74969
3 29 4 8 1 o	5.2118	5.8848	1.79	0.74964
3 34 2 8 1 o	6.9787	7.8909	2.27	0.74960
1 3 7 8 1 o	1380.1926	1574.5476	180.70	0.74928
15 12 3 8 1 o	340.4930	388.2297	180.61	0.74928
4 17 6 8 1 o	26.5660	30.3459	359.33	0.74924
5 31 3 8 1 o	1.7514	2.0056	180.07	0.74916
9 5 6 8 1 o	520.4185	601.0816	180.63	0.74884
17 4 2 8 1 o	251.6231	292.0440	180.75	0.74867
17 11 0 4 1 o	115.1485	134.0292	179.40	0.74866
14 9 4 8 1 o	16.8387	19.5419	180.14	0.74862
16 16 0 4 1 o	362.0132	422.9792	180.75	0.74858
5 16 6 8 1 o	296.6431	353.0060	180.21	0.74816
6 34 0 4 1 o	269.5501	320.7649	0.80	0.74808
2 1 7 8 1 o	120.4149	144.2274	0.14	0.74805
11 28 1 8 1 o	163.2676	197.2839	180.42	0.74771
14 20 2 8 1 o	0.2731	0.3311	174.01	0.74744
3 18 6 8 1 o	13.0535	15.9902	358.86	0.74739
1 4 7 8 1 o	10.9886	13.5190	359.89	0.74727
13 14 4 8 1 o	95.3809	115.0569	0.85	0.74726
5 28 4 8 1 o	16.7398	20.5023	359.90	0.74724
15 19 1 8 1 o	34.8169	42.4786	359.82	0.74724
8 10 6 8 1 o	76.7476	93.1357	180.35	0.74723
2 2 7 8 1 o	38.3371	47.1946	180.88	0.74719
8 25 4 8 1 o	156.9240	191.9468	180.63	0.74717
11 24 3 8 1 o	165.7644	202.4643	180.87	0.74716
17 10 1 8 1 o	1677.2225	2038.0670	180.53	0.74715
16 5 3 8 1 o	80.8778	97.4694	1.12	0.74710
12 8 5 8 1 o	0.4484	0.5429	350.75	0.74666
12 22 3 8 1 o	3.9076	4.8043	359.96	0.74661
10 30 0 4 1 o	1279.9001	1584.0409	0.64	0.74656
1 19 6 8 1 o	837.3047	1047.6748	0.43	0.74616
17 5 2 8 1 o	444.8226	542.7884	180.71	0.74609
14 22 1 8 1 o	247.5805	306.8478	0.88	0.74593
9 18 5 8 1 o	14.1291	17.3895	181.24	0.74587
0 5 7 4 1 o	173.4457	216.9655	359.95	0.74586

2 3 7 8 1 o	232.9498	290.8175	0.60	0.74577
9 6 6 8 1 o	139.6151	170.4487	179.97	0.74569
8 32 1 8 1 o	1021.1172	1263.6403	0.69	0.74563
10 22 4 8 1 o	9.9281	12.2105	0.90	0.74547
2 36 0 4 1 o	4121.9658	5057.8599	180.67	0.74541
15 17 2 8 1 o	10.8913	13.3451	181.74	0.74533
7 13 6 8 1 o	115.7560	141.4829	181.31	0.74502
11 20 4 8 1 o	102.9676	125.2367	180.75	0.74497
1 5 7 8 1 o	70.1998	86.2386	0.42	0.74470
13 25 0 4 1 o	656.5024	799.5585	180.21	0.74465
7 33 1 8 1 o	99.5031	120.3964	180.86	0.74457
4 35 1 8 1 o	86.6948	103.1132	0.75	0.74421
6 15 6 8 1 o	16.9762	20.2530	359.00	0.74420
8 20 5 8 1 o	3.5566	4.1927	183.60	0.74400
16 6 3 8 1 o	31.3099	36.4026	180.60	0.74398
3 25 5 8 1 o	4.4425	5.2418	182.05	0.74388
12 25 2 8 1 o	74.6710	87.4144	180.19	0.74383
9 31 1 8 1 o	315.9572	369.8489	0.65	0.74382
2 4 7 8 1 o	159.4794	187.2475	180.89	0.74378
11 13 5 8 1 o	292.8958	334.0499	180.40	0.74352
16 13 2 8 1 o	893.2007	1018.4841	0.62	0.74347
0 30 4 4 1 o	127.9325	145.2574	359.61	0.74329
14 10 4 8 1 o	31.6827	35.5056	0.73	0.74322
10 16 5 8 1 o	16.5922	18.5978	359.42	0.74316
10 26 3 8 1 o	278.9671	312.6827	0.12	0.74312
17 6 2 8 1 o	163.5662	181.2970	0.14	0.74298
2 19 6 8 1 o	63.1763	69.0320	180.03	0.74269
18 0 0 2 1 o	991.6849	1068.2944	180.29	0.74243
3 1 7 8 1 o	20.7905	22.1395	0.23	0.74226
15 13 3 8 1 o	9.9859	10.6270	359.94	0.74217
1 30 4 8 1 o	667.4936	706.5019	180.81	0.74214
13 23 2 8 1 o	522.3776	553.1708	0.63	0.74212
9 7 6 8 1 o	0.1901	0.2009	194.50	0.74202
12 9 5 8 1 o	1955.0559	2056.5308	180.98	0.74186
0 33 3 4 1 o	4669.0317	4867.2202	180.57	0.74180
14 17 3 8 1 o	472.5916	492.9917	0.25	0.74172
4 32 3 8 1 o	27.5153	28.5686	0.59	0.74170
1 6 7 8 1 o	193.7796	199.6824	180.32	0.74161
4 29 4 8 1 o	467.5370	481.2640	0.57	0.74151
13 20 3 8 1 o	4.1529	4.2930	1.42	0.74151
4 34 2 8 1 o	146.2584	150.7471	180.68	0.74148
1 36 1 8 1 o	43.1400	44.5168	0.81	0.74147
3 2 7 8 1 o	15.5410	15.9271	179.62	0.74142
9 24 4 8 1 o	1721.9409	1770.0629	180.59	0.74140
18 2 0 4 1 o	246.3916	253.5458	180.67	0.74131
8 11 6 8 1 o	11.3787	11.6887	359.80	0.74130
5 35 0 4 1 o	2390.5425	2448.2793	1.08	0.74126
2 5 7 8 1 o	18.1686	18.5021	180.27	0.74126
17 11 1 8 1 o	243.4310	249.5323	0.73	0.74122
8 31 2 8 1 o	135.0222	137.7992	0.64	0.74121
16 16 1 8 1 o	444.1042	453.4846	0.46	0.74115
11 27 2 8 1 o	12.9035	13.0969	1.09	0.74100
7 32 2 8 1 o	291.2299	294.0251	180.32	0.74072
6 34 1 8 1 o	668.2092	674.6221	180.42	0.74066

1 33 3 8 1 o	215.4916	217.3082	180.33	0.74066
16 7 3 8 1 o	177.5315	179.8446	0.98	0.74033
3 3 7 8 1 o	805.9608	805.8619	0.68	0.74003
12 18 4 8 1 o	1306.4951	1314.5846	180.83	0.73995
6 23 5 8 1 o	755.1156	755.7808	180.34	0.73989
17 7 2 8 1 o	94.6925	95.2632	359.79	0.73935
4 18 6 8 1 o	2838.7632	2839.4626	0.68	0.73934
1 35 2 8 1 o	81.7169	81.9549	0.09	0.73932
5 24 5 8 1 o	1.9512	1.9529	7.45	0.73931
10 30 1 8 1 o	349.4889	350.1754	0.74	0.73918
0 7 7 4 1 o	539.5682	539.7721	180.21	0.73913
13 15 4 8 1 o	19.6369	19.7567	359.79	0.73909
11 29 0 4 1 o	275.3326	275.9703	180.29	0.73905
9 30 2 8 1 o	1048.3494	1051.9755	0.59	0.73887
5 17 6 8 1 o	2803.1802	2811.5620	0.99	0.73886
1 26 5 8 1 o	174.5560	175.0541	179.99	0.73876
2 30 4 8 1 o	13.6082	13.6568	1.90	0.73873
7 30 3 8 1 o	285.4617	286.6427	180.91	0.73872
2 6 7 8 1 o	272.5014	274.1270	0.55	0.73821
8 29 3 8 1 o	6.1249	6.1665	1.38	0.73810
3 4 7 8 1 o	202.4773	203.8083	0.58	0.73809
15 0 4 4 1 o	1401.5005	1413.6421	180.70	0.73809
2 36 1 8 1 o	78.6587	79.2224	180.14	0.73807
1 7 7 8 1 o	5.6893	5.7284	180.55	0.73800
18 4 0 4 1 o	612.2111	616.8706	180.68	0.73798
9 8 6 8 1 o	85.1949	85.8669	180.30	0.73785
15 1 4 8 1 o	188.7776	190.3992	180.44	0.73781
7 22 5 8 1 o	142.6209	143.7394	0.64	0.73766
7 14 6 8 1 o	13.1065	13.2104	0.10	0.73748
6 33 2 8 1 o	204.3782	206.0016	0.75	0.73742
14 11 4 8 1 o	343.1946	345.9006	180.42	0.73737
13 25 1 8 1 o	25.3945	25.5967	0.82	0.73733
2 33 3 8 1 o	1095.0028	1103.6093	0.72	0.73727
3 19 6 8 1 o	596.7098	601.2957	180.86	0.73702
15 2 4 8 1 o	27.8999	28.0923	1.59	0.73699
12 27 1 8 1 o	740.7681	745.7167	1.04	0.73680
12 10 5 8 1 o	189.7016	190.6757	180.69	0.73659
6 31 3 8 1 o	219.5242	220.7014	180.67	0.73654
0 20 6 4 1 o	2.9754	2.9902	184.92	0.73640
15 20 1 8 1 o	938.1995	942.0023	180.30	0.73633
16 8 3 8 1 o	47.7990	47.9308	179.89	0.73619
11 14 5 8 1 o	14.7259	14.7500	359.85	0.73602
16 14 2 8 1 o	230.8190	231.1401	180.75	0.73597
14 21 2 8 1 o	8.9430	8.9565	0.32	0.73597
2 35 2 8 1 o	1929.4515	1932.0748	180.58	0.73595
4 25 5 8 1 o	562.4999	563.3683	0.46	0.73594
13 1 5 8 1 o	201.3130	201.2043	0.23	0.73575
3 5 7 8 1 o	0.7460	0.7452	183.38	0.73562
15 3 4 8 1 o	2.9478	2.9429	181.26	0.73562
6 16 6 8 1 o	170.7099	170.4507	0.86	0.73559
15 18 2 8 1 o	606.1806	605.1664	0.85	0.73558
9 19 5 8 1 o	142.5169	142.2502	0.21	0.73556
2 26 5 8 1 o	1337.1691	1333.0071	0.61	0.73540
1 20 6 8 1 o	381.5363	379.9912	180.40	0.73529

7 27 4 8 1 o	811.4105	807.5790	180.32	0.73524
17 8 2 8 1 o	109.2601	108.7056	180.04	0.73523
17 13 0 4 1 o	121.5305	120.9167	1.54	0.73522
8 12 6 8 1 o	326.1153	323.6009	180.84	0.73495
13 2 5 8 1 o	4.8648	4.8255	359.97	0.73493
18 1 1 8 1 o	5.5314	5.4854	1.37	0.73490
17 12 1 8 1 o	80.6128	79.9260	1.15	0.73488
6 28 4 8 1 o	1.1686	1.1567	358.85	0.73471
15 14 3 8 1 o	1425.7242	1410.8827	0.80	0.73471
9 28 3 8 1 o	59.4656	58.8493	181.06	0.73470
2 7 7 8 1 o	139.1117	137.6061	0.71	0.73465
4 1 7 8 1 o	160.9111	158.6309	180.34	0.73437
10 0 6 4 1 o	9616.8818	9449.4131	180.71	0.73414
12 23 3 8 1 o	56.2667	55.2547	180.77	0.73409
18 2 1 8 1 o	1.3895	1.3643	353.81	0.73409
10 17 5 8 1 o	644.3518	632.2732	180.35	0.73404
5 35 1 8 1 o	6.0558	5.9422	0.44	0.73404
1 8 7 8 1 o	325.0899	318.4063	0.52	0.73390
10 1 6 8 1 o	0.0816	0.0799	354.26	0.73387
10 29 2 8 1 o	250.3718	244.7408	180.44	0.73378
15 4 4 8 1 o	22.5396	22.0127	1.83	0.73372
11 21 4 8 1 o	95.4613	93.0551	0.78	0.73362
13 3 5 8 1 o	221.4930	215.8550	1.15	0.73358
4 2 7 8 1 o	235.0338	228.9097	0.73	0.73356
11 25 3 8 1 o	102.0957	99.3746	0.24	0.73353
14 23 1 8 1 o	8.4098	8.1737	1.12	0.73345
9 9 6 8 1 o	53.0588	51.3647	180.38	0.73322
3 30 4 8 1 o	209.9073	202.8780	0.96	0.73315
10 2 6 8 1 o	40.9445	39.5334	180.49	0.73306
10 23 4 8 1 o	165.7817	159.7735	0.63	0.73300
8 26 4 8 1 o	549.0765	529.0684	180.35	0.73300
18 3 1 8 1 o	198.1776	190.0410	180.52	0.73274
8 21 5 8 1 o	109.8584	105.1466	1.03	0.73269
3 6 7 8 1 o	5.6756	5.4223	180.73	0.73264
18 6 0 4 1 o	39.5018	37.7026	359.38	0.73253
3 36 1 8 1 o	35.7780	34.1079	0.81	0.73251
15 21 0 4 1 o	302.2805	286.7057	0.61	0.73232
4 3 7 8 1 o	164.2575	155.2987	180.31	0.73221
14 18 3 8 1 o	0.0072	0.0068	359.72	0.73212
16 17 1 8 1 o	0.2663	0.2513	355.74	0.73210
2 20 6 8 1 o	15.3518	14.4079	179.65	0.73197
11 29 1 8 1 o	398.2064	373.4082	0.57	0.73189
4 36 0 4 1 o	1919.4139	1802.1849	0.62	0.73188
3 33 3 8 1 o	106.9567	99.9071	0.34	0.73172
10 3 6 8 1 o	234.8344	220.4043	0.39	0.73171
13 4 5 8 1 o	284.0334	267.0013	180.69	0.73169
5 32 3 8 1 o	1165.4591	1086.0830	181.08	0.73163
16 9 3 8 1 o	137.0966	128.3398	180.17	0.73159
5 29 4 8 1 o	9.4649	8.7732	181.36	0.73145
5 34 2 8 1 o	13.5831	12.5993	180.26	0.73142
15 5 4 8 1 o	557.9634	520.3694	180.47	0.73129
14 12 4 8 1 o	620.5711	575.7532	0.36	0.73113
12 11 5 8 1 o	291.9023	269.7504	0.60	0.73090
18 4 1 8 1 o	394.9772	363.5709	180.84	0.73086

13 16 4 8 1 o	0.0303	0.0278 358.26 0.73066
17 9 2 8 1 o	29.5698	27.1410 180.53 0.73064
2 8 7 8 1 o	2431.7268	2205.4463 180.53 0.73060
3 35 2 8 1 o	1486.8151	1353.0272 180.79 0.73043
0 9 7 4 1 o	152.5353	137.7903 359.84 0.73042
4 4 7 8 1 o	413.1578	374.0797 1.00 0.73033
13 21 3 8 1 o	11.7864	10.7269 179.72 0.73031
3 26 5 8 1 o	3110.5295	2799.1130 0.66 0.72989
12 19 4 8 1 o	33.3733	30.3383 1.46 0.72988
12 26 2 8 1 o	63.6553	57.5067 0.47 0.72985
10 4 6 8 1 o	47.5097	43.3864 180.56 0.72984
16 18 0 4 1 o	55.7713	50.4310 179.97 0.72976
7 15 6 8 1 o	924.2852	836.1636 0.61 0.72964
5 18 6 8 1 o	11.4189	10.2961 0.71 0.72937
1 9 7 8 1 o	4622.7959	4153.9956 180.81 0.72933
4 19 6 8 1 o	67.0989	60.4376 180.49 0.72930
13 24 2 8 1 o	1842.9312	1667.6705 180.60 0.72929
13 5 5 8 1 o	448.7057	411.8932 180.36 0.72928
3 7 7 8 1 o	17.8485	16.0964 180.28 0.72916
12 28 0 4 1 o	356.7667	322.9232 180.36 0.72904
1 37 0 4 1 o	1.1698	1.0697 179.22 0.72874
10 27 3 8 1 o	10009.8643	9140.0596 180.64 0.72864
18 5 1 8 1 o	3.8515	3.5500 182.11 0.72846
15 6 4 8 1 o	355.2458	330.0144 180.73 0.72836
8 13 6 8 1 o	65.2197	60.2601 180.39 0.72824
11 15 5 8 1 o	42.6966	39.5886 182.93 0.72822
16 15 2 8 1 o	47.8360	44.3121 181.30 0.72817
17 13 1 8 1 o	230.4436	213.3378 0.84 0.72817
9 10 6 8 1 o	1.2544	1.1646 179.44 0.72813
9 25 4 8 1 o	0.0952	0.0882 179.64 0.72808
4 5 7 8 1 o	3.1693	2.9393 359.26 0.72794
14 24 0 4 1 o	3388.7397	3149.5491 180.52 0.72789
8 33 1 8 1 o	0.0489	0.0456 48.48 0.72782
10 5 6 8 1 o	0.7064	0.6688 181.26 0.72745
6 24 5 8 1 o	90.4819	86.0076 180.98 0.72718
15 15 3 8 1 o	10.4902	10.0631 0.60 0.72695
6 17 6 8 1 o	131.2493	126.4881 0.66 0.72674
9 32 1 8 1 o	5.7068	5.5150 358.76 0.72665
3 20 6 8 1 o	25.2703	24.4947 0.78 0.72654
16 10 3 8 1 o	13.9610	13.5519 0.60 0.72654
13 6 5 8 1 o	4.5497	4.4367 179.54 0.72638
7 34 1 8 1 o	139.1036	135.8305 0.77 0.72630
11 28 2 8 1 o	1.2095	1.1871 359.69 0.72612
5 25 5 8 1 o	7.5064	7.3718 0.07 0.72610
2 9 7 8 1 o	1017.9761	999.9504 0.84 0.72610
15 19 2 8 1 o	67.3250	66.7884 181.36 0.72569
1 31 4 8 1 o	8.4002	8.3554 359.02 0.72561
17 10 2 8 1 o	34.0617	33.8327 359.76 0.72561
0 27 5 4 1 o	963.1055	958.8154 180.90 0.72559
7 23 5 8 1 o	216.0116	214.9860 0.38 0.72558
18 6 1 8 1 o	383.9363	381.8172 0.94 0.72556
4 30 4 8 1 o	1.1796	1.1751 182.56 0.72555
15 21 1 8 1 o	44.1432	44.1550 359.15 0.72535
3 8 7 8 1 o	687.4660	690.6916 0.83 0.72520

9 20 5 8 1 o	120.6076	121.1070	180.57	0.72514
18 8 0 4 1 o	128.3784	128.9439	0.43	0.72510
4 6 7 8 1 o	54.1731	54.5805	181.62	0.72505
15 7 4 8 1 o	396.9348	398.9991	180.34	0.72494
4 36 1 8 1 o	35.1037	35.4044	180.36	0.72492
12 12 5 8 1 o	378.2394	381.2282	180.47	0.72482
10 18 5 8 1 o	206.7653	209.0471	0.26	0.72473
5 1 7 8 1 o	42.8770	43.5288	180.30	0.72459
10 6 6 8 1 o	3009.1448	3045.0857	180.58	0.72457
1 27 5 8 1 o	2163.7371	2202.5500	0.86	0.72453
14 13 4 8 1 o	87.7047	88.7860	181.59	0.72452
14 22 2 8 1 o	131.5851	133.6986	0.43	0.72449
1 21 6 8 1 o	218.2383	222.8342	180.48	0.72436
1 10 7 8 1 o	106.6887	108.9688	180.06	0.72433
8 32 2 8 1 o	170.2966	173.7266	0.31	0.72422
4 33 3 8 1 o	1351.6847	1379.7108	180.54	0.72416
5 2 7 8 1 o	53.4592	54.6998	359.65	0.72381
13 26 1 8 1 o	1910.6908	1956.3245	0.57	0.72370
7 33 2 8 1 o	452.5400	462.3043	0.35	0.72324
13 7 5 8 1 o	2.9442	2.9904	359.87	0.72298
0 37 1 4 1 o	34.8777	35.4747	179.94	0.72293
4 35 2 8 1 o	506.1342	514.9696	1.42	0.72291
16 18 1 8 1 o	5.2169	5.3037	180.30	0.72286
10 31 1 8 1 o	6.0848	6.1885	359.28	0.72285
1 34 3 8 1 o	351.4174	356.2039	180.48	0.72267
9 11 6 8 1 o	54.8322	55.5224	179.33	0.72264
9 31 2 8 1 o	203.0952	205.4173	0.43	0.72255
5 3 7 8 1 o	222.6193	224.9950	180.42	0.72252
2 31 4 8 1 o	2.0093	2.0268	184.35	0.72243
7 31 3 8 1 o	61.5687	62.0887	0.17	0.72241
4 26 5 8 1 o	745.8275	751.5740	181.11	0.72239
14 19 3 8 1 o	70.7429	71.2998	180.16	0.72236
8 30 3 8 1 o	15.6443	15.7547	180.78	0.72235
11 22 4 8 1 o	125.5678	126.2469	0.65	0.72224
18 7 1 8 1 o	612.6204	615.6017	180.49	0.72218
12 28 1 8 1 o	108.1452	108.4261	180.85	0.72216
6 35 1 8 1 o	134.2034	134.6164	0.62	0.72215
13 17 4 8 1 o	465.7531	466.6562	180.95	0.72199
1 37 1 8 1 o	48.8489	48.7569	180.02	0.72187
4 7 7 8 1 o	79.0272	78.3062	0.47	0.72168
12 24 3 8 1 o	2.9559	2.9367	180.17	0.72167
7 16 6 8 1 o	150.4672	149.0300	0.16	0.72152
0 36 2 4 1 o	1072.5748	1062.0753	0.85	0.72145
8 22 5 8 1 o	8.2900	8.1905	182.41	0.72136
2 27 5 8 1 o	372.2475	366.0529	1.55	0.72135
10 7 6 8 1 o	2.3471	2.3326	359.59	0.72120
8 14 6 8 1 o	7.6087	7.5214	358.51	0.72120
2 21 6 8 1 o	10.7104	10.4937	359.38	0.72119
2 10 7 8 1 o	1150.0138	1126.7914	180.58	0.72116
17 14 1 8 1 o	8.7216	8.6187	184.25	0.72112
16 11 3 8 1 o	60.7219	60.3346	1.28	0.72108
14 24 1 8 1 o	1.0212	1.0043	358.72	0.72105
15 8 4 8 1 o	4.1537	4.1400	359.91	0.72105
3 9 7 8 1 o	10.1828	9.9690	171.58	0.72080

5 4 7 8 1 o	456.5792	448.9669	180.44	0.72071
7 28 4 8 1 o	209.4786	205.9435	180.12	0.72069
10 24 4 8 1 o	664.9933	656.1048	0.45	0.72063
17 15 0 4 1 o	534.2543	528.8591	180.75	0.72041
1 36 2 8 1 o	3571.9082	3535.2705	180.74	0.72040
3 37 0 4 1 o	288.1695	286.6242	181.16	0.72022
17 11 2 8 1 o	11.3892	11.3875	178.94	0.72017
11 16 5 8 1 o	98.6235	98.6742	180.43	0.72015
11 26 3 8 1 o	1094.1179	1088.3672	180.42	0.72010
16 16 2 8 1 o	207.3965	207.1564	0.37	0.72010
0 11 7 4 1 o	57.9911	57.4809	180.68	0.71996
6 32 3 8 1 o	16.9852	17.0030	359.65	0.71986
5 19 6 8 1 o	311.8182	313.2021	1.48	0.71972
12 20 4 8 1 o	249.5871	252.7224	0.47	0.71970
6 29 4 8 1 o	281.0070	282.9484	180.74	0.71969
9 29 3 8 1 o	0.0226	0.0228	349.20	0.71967
6 34 2 8 1 o	630.5001	636.8747	180.44	0.71966
2 34 3 8 1 o	14.7630	14.9959	0.19	0.71952
4 20 6 8 1 o	91.8836	94.9206	180.96	0.71914
13 8 5 8 1 o	322.8634	336.6989	181.15	0.71913
8 27 4 8 1 o	1.0593	1.0993	178.69	0.71909
13 22 3 8 1 o	822.5585	855.4160	0.61	0.71909
1 11 7 8 1 o	33.4945	35.0384	0.91	0.71892
15 16 3 8 1 o	585.6533	615.2208	0.44	0.71892
2 37 1 8 1 o	3.3024	3.5012	0.20	0.71873
5 5 7 8 1 o	348.2536	376.0403	0.38	0.71841
12 13 5 8 1 o	0.5652	0.6105	180.26	0.71838
18 8 1 8 1 o	1088.1447	1178.7401	180.84	0.71834
10 30 2 8 1 o	167.9499	182.5299	0.87	0.71830
4 8 7 8 1 o	443.0226	494.7511	1.36	0.71784
6 18 6 8 1 o	596.0026	669.6614	179.74	0.71770
14 14 4 8 1 o	1.5979	1.7920	180.75	0.71758
10 8 6 8 1 o	83.4872	94.4739	0.30	0.71737
17 1 3 8 1 o	68.6575	77.6425	0.15	0.71732
2 36 2 8 1 o	403.7697	461.3241	181.10	0.71728
8 34 0 4 1 o	2.2298	2.5522	180.71	0.71727
3 31 4 8 1 o	50.0494	57.5753	0.46	0.71721
13 27 0 4 1 o	174.7509	203.5028	180.40	0.71684
9 12 6 8 1 o	5.3654	6.2133	181.30	0.71676
15 9 4 8 1 o	0.0810	0.0933	174.08	0.71672
9 33 0 4 1 o	0.8380	0.9791	187.18	0.71667
13 25 2 8 1 o	10.5206	12.3022	179.43	0.71660
17 2 3 8 1 o	29.6718	34.3150	181.66	0.71656
11 30 1 8 1 o	74.5040	87.3974	180.74	0.71652
3 27 5 8 1 o	0.5738	0.6786	333.44	0.71616
12 27 2 8 1 o	109.4455	129.0310	0.31	0.71611
5 30 4 8 1 o	0.9551	1.1275	182.28	0.71611
3 21 6 8 1 o	63.5843	75.3459	0.79	0.71600
3 10 7 8 1 o	414.5470	490.9864	0.69	0.71597
18 10 0 4 1 o	12.3566	14.5312	180.49	0.71587
2 11 7 8 1 o	443.9104	526.4077	180.19	0.71582
15 20 2 8 1 o	62.2659	73.3946	181.28	0.71568
5 6 7 8 1 o	10.8690	12.8424	359.80	0.71563
5 36 1 8 1 o	327.8394	386.5691	0.43	0.71551

7 35 0 4 1 o	2687.0146	3168.6953	180.68	0.71532
17 3 3 8 1 o	101.2074	118.6282	180.22	0.71530
10 19 5 8 1 o	61.2032	72.0349	359.99	0.71526
16 12 3 8 1 o	1.2291	1.4432	358.25	0.71524
9 26 4 8 1 o	0.0621	0.0731	172.41	0.71495
13 9 5 8 1 o	1962.8208	2301.3772	0.77	0.71483
5 33 3 8 1 o	184.0309	216.5064	180.23	0.71478
9 21 5 8 1 o	32.1291	37.7598	358.19	0.71466
18 0 2 4 1 o	1583.6627	1858.4806	180.58	0.71462
6 25 5 8 1 o	217.2899	255.4484	0.54	0.71459
10 28 3 8 1 o	5.9628	7.0056	180.31	0.71447
0 22 6 4 1 o	318.4352	374.1523	0.57	0.71443
18 1 2 8 1 o	206.9274	242.8722	1.41	0.71437
3 34 3 8 1 o	27.6707	32.5013	179.97	0.71436
15 22 1 8 1 o	44.4795	52.2443	181.29	0.71436
17 12 2 8 1 o	118.7642	139.4459	180.07	0.71435
18 9 1 8 1 o	863.9492	1015.0166	180.68	0.71405
8 15 6 8 1 o	22.3652	26.2977	1.07	0.71385
17 15 1 8 1 o	167.3186	196.8230	0.21	0.71378
18 2 2 8 1 o	161.2366	189.9254	180.54	0.71362
3 37 1 8 1 o	466.6253	549.6869	180.25	0.71359
5 35 2 8 1 o	12.1818	14.3498	176.72	0.71358
7 24 5 8 1 o	535.1921	630.3832	180.50	0.71357
4 9 7 8 1 o	383.3490	451.4502	0.37	0.71357
17 4 3 8 1 o	193.0586	227.5597	181.23	0.71355
10 32 0 4 1 o	192.3766	226.7135	180.50	0.71351
16 19 1 8 1 o	145.9035	172.0565	180.27	0.71347
1 22 6 8 1 o	231.4137	272.8722	180.24	0.71341
7 17 6 8 1 o	1118.0779	1323.1449	180.74	0.71316
6 1 7 8 1 o	0.0111	0.0132	348.74	0.71315
1 12 7 8 1 o	28.3612	33.5657	180.64	0.71313
13 18 4 8 1 o	677.9366	802.8049	181.34	0.71312
10 9 6 8 1 o	35.9290	42.5560	0.22	0.71311
5 26 5 8 1 o	0.3711	0.4396	199.20	0.71307
14 23 2 8 1 o	392.6593	465.5083	180.92	0.71303
14 20 3 8 1 o	236.2136	282.2635	0.21	0.71249
6 2 7 8 1 o	529.4181	633.5006	180.55	0.71241
5 7 7 8 1 o	15.9057	19.0421	179.75	0.71239
18 3 2 8 1 o	475.7261	569.1806	180.75	0.71238
3 36 2 8 1 o	292.4269	351.1619	1.37	0.71217
15 10 4 8 1 o	44.9128	54.0536	179.94	0.71197
11 0 6 4 1 o	1.3612	1.6392	185.92	0.71193
11 17 5 8 1 o	353.2841	426.0861	0.25	0.71184
16 17 2 8 1 o	2580.8550	3115.0278	0.64	0.71180
11 1 6 8 1 o	472.6840	571.3044	180.50	0.71168
12 14 5 8 1 o	6.8351	8.2698	358.00	0.71162
11 29 2 8 1 o	102.3763	123.9378	180.37	0.71160
17 5 3 8 1 o	17.4567	21.2155	0.36	0.71132
6 3 7 8 1 o	319.3372	388.8165	0.21	0.71117
11 2 6 8 1 o	5.4641	6.6828	179.13	0.71094
11 23 4 8 1 o	60.8671	74.4427	180.42	0.71089
6 36 0 4 1 o	548.1017	670.5679	179.99	0.71086
3 11 7 8 1 o	114.5611	140.3436	180.54	0.71074
8 34 1 8 1 o	23.7811	29.1603	1.10	0.71073

15 17 3 8 1 o	2.9061	3.5714	180.26	0.71066
0 32 4 4 1 o	1.0301	1.2643	180.60	0.71066
18 4 2 8 1 o	207.3711	254.9715	180.51	0.71065
0 38 0 2 1 o	4.0603	4.9923	185.84	0.71062
1 28 5 8 1 o	42.0706	51.6705	180.88	0.71060
9 13 6 8 1 o	41.8998	51.6262	0.95	0.71053
2 22 6 8 1 o	87.6527	108.1199	180.48	0.71038
14 15 4 8 1 o	0.1990	0.2464	4.57	0.71034
16 20 0 4 1 o	68.0693	84.2236	181.09	0.71031
13 27 1 8 1 o	1781.0850	2203.2734	0.84	0.71030
9 33 1 8 1 o	422.1377	524.7764	0.87	0.71013
13 10 5 8 1 o	424.2938	528.8616	180.71	0.71012
2 12 7 8 1 o	127.5109	158.4482	0.65	0.71010
4 31 4 8 1 o	70.8122	88.1314	1.20	0.71008
8 23 5 8 1 o	1.8428	2.2973	181.48	0.71005
5 20 6 8 1 o	84.2796	105.3245	180.30	0.70995
11 3 6 8 1 o	101.0594	127.6556	180.77	0.70971
15 23 0 4 1 o	317.0915	399.9777	181.40	0.70971
1 32 4 8 1 o	156.3022	197.6087	0.62	0.70965
6 4 7 8 1 o	221.8204	283.0902	181.13	0.70945
12 21 4 8 1 o	35.2243	44.9837	1.03	0.70944
12 25 3 8 1 o	120.7734	154.8085	180.29	0.70936
18 10 1 8 1 o	666.2153	854.0945	180.79	0.70936
4 27 5 8 1 o	164.9139	214.8764	359.72	0.70907
16 13 3 8 1 o	4.8200	6.2720	3.80	0.70905
4 21 6 8 1 o	0.3323	0.4372	7.04	0.70891
4 10 7 8 1 o	78.4384	103.3573	2.26	0.70888
7 35 1 8 1 o	1.4577	1.9251	179.56	0.70882
14 25 1 8 1 o	242.7094	321.7101	0.55	0.70878
5 8 7 8 1 o	191.2713	254.8087	0.10	0.70870
17 6 3 8 1 o	92.1363	122.4436	1.24	0.70862
6 19 6 8 1 o	21.9406	29.6062	179.74	0.70850
18 5 2 8 1 o	135.2630	181.7775	1.17	0.70845
10 10 6 8 1 o	190.0791	255.8997	180.36	0.70843
10 25 4 8 1 o	1.1154	1.5144	2.96	0.70838
17 13 2 8 1 o	124.3372	170.1485	0.77	0.70818
11 4 6 8 1 o	131.9743	181.3258	0.32	0.70800
0 13 7 4 1 o	28.4047	39.9411	180.62	0.70799
11 31 0 4 1 o	55.0887	77.3457	0.50	0.70791
13 23 3 8 1 o	7.9438	11.1167	359.74	0.70788
12 29 1 8 1 o	33.7040	47.4316	181.30	0.70788
8 33 2 8 1 o	312.3790	439.3360	180.60	0.70786
2 28 5 8 1 o	441.5666	635.2491	0.54	0.70760
14 1 5 8 1 o	359.8194	506.4667	0.27	0.70738
4 34 3 8 1 o	12.9725	18.8239	180.19	0.70732
6 5 7 8 1 o	163.8230	237.9042	180.41	0.70726
8 31 3 8 1 o	0.7410	1.0883	6.07	0.70708
10 32 1 8 1 o	184.1951	271.0518	180.56	0.70706
1 13 7 8 1 o	10.7147	16.0022	359.69	0.70699
11 27 3 8 1 o	2.3252	3.4333	358.33	0.70690
15 11 4 8 1 o	9.1734	13.2605	1.07	0.70683
9 32 2 8 1 o	56.4502	83.9045	180.27	0.70679
2 32 4 8 1 o	2.7516	4.1221	181.38	0.70667
7 32 3 8 1 o	267.7375	399.6469	1.20	0.70666

14 2 5 8 1 o	3.9167	5.6473	1.76	0.70665
2 38 0 4 1 o	5.7950	8.5736	178.18	0.70663
4 37 1 8 1 o	13.6394	20.2650	0.53	0.70657
7 29 4 8 1 o	28.5973	42.9288	0.89	0.70649
7 34 2 8 1 o	38.6746	57.9243	180.87	0.70646
0 35 3 4 1 o	46.0616	69.0440	180.43	0.70643
8 16 6 8 1 o	11.9135	17.8097	180.26	0.70624
17 16 1 8 1 o	24.6566	36.8735	180.87	0.70617
11 5 6 8 1 o	8.9691	13.1731	181.23	0.70582
18 6 2 8 1 o	35.2918	52.1187	359.59	0.70578
10 20 5 8 1 o	6.9071	10.3073	179.10	0.70567
15 21 2 8 1 o	67.7357	101.4315	180.02	0.70559
16 0 4 4 1 o	374.6776	545.0575	0.73	0.70548
17 7 3 8 1 o	3.9378	5.7707	180.10	0.70547
8 28 4 8 1 o	1.0173	1.5290	181.66	0.70547
1 35 3 8 1 o	6.6167	9.9279	0.43	0.70545
14 3 5 8 1 o	4.1387	6.0144	177.04	0.70544
3 22 6 8 1 o	161.0532	244.3452	0.24	0.70541
16 1 4 8 1 o	1742.1245	2526.6924	180.65	0.70524
4 36 2 8 1 o	17.0543	25.3859	1.90	0.70519
3 12 7 8 1 o	0.6342	0.9546	182.30	0.70514
6 30 4 8 1 o	117.6509	175.5412	180.27	0.70507
9 30 3 8 1 o	266.9071	397.2034	0.84	0.70505
18 12 0 4 1 o	284.2661	419.5603	179.93	0.70505
13 11 5 8 1 o	172.8337	251.1321	180.48	0.70502
7 18 6 8 1 o	9.1268	13.3736	0.82	0.70462
6 6 7 8 1 o	235.3509	344.4625	0.90	0.70461
5 9 7 8 1 o	186.8200	274.2560	180.61	0.70459
12 15 5 8 1 o	297.4020	429.0323	180.90	0.70456
17 17 0 4 1 o	445.9831	650.5275	0.99	0.70455
16 2 4 8 1 o	16.1391	23.0352	180.75	0.70452
6 36 1 8 1 o	17.3643	25.2842	0.49	0.70449
18 11 1 8 1 o	1.4930	2.1451	181.96	0.70427
9 22 5 8 1 o	32.6059	46.7968	180.72	0.70413
13 19 4 8 1 o	103.2990	147.2205	359.64	0.70410
13 26 2 8 1 o	3.0605	4.3932	179.39	0.70407
5 37 0 4 1 o	24.3834	34.8600	178.20	0.70405
2 13 7 8 1 o	195.2951	282.1489	0.35	0.70404
9 14 6 8 1 o	0.5700	0.8100	1.91	0.70398
16 20 1 8 1 o	48.9535	69.8362	359.39	0.70395
4 11 7 8 1 o	164.0597	233.8270	0.10	0.70381
6 33 3 8 1 o	60.5337	85.9286	359.72	0.70379
14 4 5 8 1 o	517.4520	720.9399	0.65	0.70376
15 23 1 8 1 o	274.4120	382.6039	0.69	0.70337
10 11 6 8 1 o	128.5466	177.8571	0.28	0.70336
11 18 5 8 1 o	0.4372	0.6053	356.92	0.70334
16 3 4 8 1 o	55.8737	76.7170	1.31	0.70333
16 18 2 8 1 o	306.1245	424.0754	0.78	0.70330
10 31 2 8 1 o	154.2797	214.4303	180.15	0.70329
1 38 1 8 1 o	25.9009	35.8452	180.15	0.70327
11 6 6 8 1 o	23.7351	32.5304	180.84	0.70319
19 1 0 4 1 o	1188.5510	1630.9113	0.81	0.70312
14 16 4 8 1 o	51.8384	70.3064	180.81	0.70285
14 26 0 4 1 o	269.6635	367.6998	180.30	0.70281

3 28 5 8 1 o	35.5017	48.2568	1.13	0.70269
18 7 2 8 1 o	304.1362	409.8062	179.88	0.70267
12 28 2 8 1 o	70.1327	94.9773	180.07	0.70265
6 35 2 8 1 o	1391.8241	1882.8239	180.88	0.70264
16 14 3 8 1 o	230.0753	308.6216	180.10	0.70254
14 21 3 8 1 o	6.7349	9.0548	184.41	0.70253
2 35 3 8 1 o	141.3639	190.3418	180.72	0.70252
1 23 6 8 1 o	323.4029	436.0130	0.64	0.70246
1 37 2 8 1 o	197.1526	263.8610	0.57	0.70238
15 18 3 8 1 o	40.6754	53.9818	179.74	0.70220
6 26 5 8 1 o	1124.9525	1496.3507	0.88	0.70216
9 27 4 8 1 o	22.8768	30.2522	181.04	0.70202
17 8 3 8 1 o	1273.4349	1668.8845	180.65	0.70189
3 32 4 8 1 o	421.3224	553.0570	359.98	0.70178
17 14 2 8 1 o	78.5337	102.5203	1.11	0.70170
7 25 5 8 1 o	0.1800	0.2353	9.60	0.70167
16 4 4 8 1 o	1.2312	1.6002	183.83	0.70166
14 24 2 8 1 o	295.9290	386.2034	180.55	0.70163
14 5 5 8 1 o	1.2567	1.6312	183.03	0.70162
11 31 1 8 1 o	503.7206	657.5430	180.48	0.70162
6 7 7 8 1 o	377.3683	490.6499	0.27	0.70151
15 12 4 8 1 o	245.5861	316.4863	0.65	0.70133
5 31 4 8 1 o	458.7733	592.0826	180.47	0.70123
19 3 0 4 1 o	1137.8931	1464.3519	180.74	0.70122
10 29 3 8 1 o	569.1385	722.7949	0.52	0.70063
1 14 7 8 1 o	2.3907	3.0356	180.20	0.70054
2 38 1 8 1 o	3.8974	4.9130	178.27	0.70037
7 1 7 8 1 o	7.7976	9.8163	179.85	0.70031
5 27 5 8 1 o	115.9914	146.1120	0.61	0.70025
11 7 6 8 1 o	350.8165	438.3283	0.31	0.70011
5 21 6 8 1 o	469.0744	588.8156	180.70	0.70010
5 10 7 8 1 o	0.7234	0.9070	355.12	0.70007
12 30 0 4 1 o	1341.6982	1681.1945	180.59	0.70004
7 2 7 8 1 o	3.7814	4.6774	1.50	0.69960
11 24 4 8 1 o	738.4514	913.2903	0.85	0.69959
2 23 6 8 1 o	0.1557	0.1930	5.02	0.69957
13 12 5 8 1 o	42.9067	52.8618	0.46	0.69956
16 5 4 8 1 o	595.0237	732.0869	180.84	0.69954
2 37 2 8 1 o	308.4887	380.5792	180.59	0.69949
3 13 7 8 1 o	9.9371	12.1863	180.14	0.69921
6 20 6 8 1 o	125.9351	154.1544	180.18	0.69918
12 22 4 8 1 o	3.9809	4.8594	181.86	0.69914
18 8 2 8 1 o	0.0052	0.0063	162.88	0.69913
14 6 5 8 1 o	9.4884	11.5132	180.24	0.69903
18 12 1 8 1 o	559.3161	676.2258	0.76	0.69883
8 24 5 8 1 o	56.8874	68.7536	1.15	0.69879
4 22 6 8 1 o	12.0360	14.4871	0.66	0.69863
5 34 3 8 1 o	338.4860	406.3160	180.68	0.69857
7 3 7 8 1 o	10.2258	12.2176	182.30	0.69843
8 17 6 8 1 o	291.2173	347.6539	180.43	0.69840
4 12 7 8 1 o	61.6013	73.5057	181.39	0.69837
17 17 1 8 1 o	132.2963	157.6129	0.12	0.69834
6 8 7 8 1 o	1539.8187	1815.0453	180.84	0.69798
10 12 6 8 1 o	467.6195	550.4691	1.01	0.69794

0 29 5 4 1 o	2.8351	3.3355 178.31 0.69792
17 9 3 8 1 o	15.1972	17.8648 0.10 0.69789
5 37 1 8 1 o	6.4614	7.5867 179.74 0.69785
3 35 3 8 1 o	68.9141	80.5968 0.15 0.69771
2 14 7 8 1 o	465.7948	543.8915 180.68 0.69767
19 5 0 4 1 o	869.9297	1011.2070 0.61 0.69747
11 30 2 8 1 o	1123.6066	1305.0522 180.60 0.69746
12 16 5 8 1 o	3.6875	4.2631 0.11 0.69724
12 26 3 8 1 o	100.7229	116.2745 180.22 0.69720
13 28 1 8 1 o	0.0323	0.0372 158.38 0.69716
9 15 6 8 1 o	261.7087	301.8144 180.85 0.69714
1 29 5 8 1 o	114.0894	130.9611 180.58 0.69697
16 6 4 8 1 o	66.5369	76.4970 0.51 0.69697
19 1 1 8 1 o	702.3154	806.6261 0.30 0.69695
7 4 7 8 1 o	84.4394	96.6531 0.76 0.69680
13 24 3 8 1 o	231.5491	264.5663 0.24 0.69672
14 26 1 8 1 o	62.1529	70.8913 2.60 0.69664
11 8 6 8 1 o	183.1737	208.9347 0.27 0.69660
5 36 2 8 1 o	391.0710	445.0791 180.44 0.69652
10 26 4 8 1 o	21.6957	24.5730 180.98 0.69627
19 2 1 8 1 o	21.8412	24.7365 179.37 0.69625
14 7 5 8 1 o	195.4554	220.3304 180.62 0.69601
10 21 5 8 1 o	142.0292	160.0551 180.99 0.69600
4 28 5 8 1 o	7.0612	7.9562 185.19 0.69599
7 19 6 8 1 o	1494.8121	1681.4845 180.63 0.69590
16 15 3 8 1 o	184.0726	206.3878 359.94 0.69574
3 38 1 8 1 o	5.4301	6.0715 181.90 0.69561
15 13 4 8 1 o	34.2309	38.1735 179.15 0.69549
15 22 2 8 1 o	0.0258	0.0288 204.86 0.69546
5 11 7 8 1 o	56.8452	62.9628 0.62 0.69518
18 9 2 8 1 o	1.5744	1.7434 180.55 0.69518
14 17 4 8 1 o	119.8239	132.5087 181.93 0.69512
4 32 4 8 1 o	14.0229	15.5023 180.19 0.69510
19 3 1 8 1 o	638.7318	705.9726 180.56 0.69510
4 38 0 4 1 o	14.8543	16.4056 182.56 0.69507
13 20 4 8 1 o	78.3189	86.2373 1.17 0.69494
17 15 2 8 1 o	43.8344	48.2432 181.31 0.69493
3 23 6 8 1 o	319.1327	350.2738 181.00 0.69482
3 37 2 8 1 o	64.1664	70.2939 180.52 0.69475
0 15 7 4 1 o	770.1738	843.3588 180.39 0.69474
7 5 7 8 1 o	162.9561	178.4060 180.45 0.69472
11 19 5 8 1 o	38.6472	42.2597 180.12 0.69467
16 19 2 8 1 o	1620.9100	1770.3975 0.60 0.69464
16 21 1 8 1 o	45.2818	49.0531 179.92 0.69434
8 35 1 8 1 o	322.2072	348.8827 0.42 0.69433
1 33 4 8 1 o	96.7137	104.4482 0.53 0.69424
9 34 1 8 1 o	312.3436	337.2896 0.27 0.69423
2 29 5 8 1 o	204.7460	220.4833 180.84 0.69415
6 9 7 8 1 o	66.5475	71.5104 1.01 0.69405
16 7 4 8 1 o	422.8188	454.3157 180.48 0.69397
12 30 1 8 1 o	32.9407	35.2843 181.15 0.69395
11 28 3 8 1 o	138.6007	148.4943 180.27 0.69395
1 15 7 8 1 o	1065.8931	1136.0525 180.79 0.69380
13 13 5 8 1 o	14.5736	15.5626 180.28 0.69376

9 23 5 8 1 o	9.2926	9.8618 180.46 0.69360
15 19 3 8 1 o	5.4520	5.7863 0.12 0.69357
17 10 3 8 1 o	579.8746	614.9718 180.92 0.69350
19 4 1 8 1 o	176.2761	186.7384 0.48 0.69349
18 13 1 8 1 o	322.7274	337.4957 180.51 0.69305
3 14 7 8 1 o	5.6955	5.9241 3.19 0.69297
18 14 0 4 1 o	512.9807	533.6265 0.72 0.69288
11 9 6 8 1 o	82.7115	85.8544 180.46 0.69270
7 30 4 8 1 o	238.2492	245.7861 180.63 0.69264
4 13 7 8 1 o	38.2859	39.4096 180.24 0.69260
14 8 5 8 1 o	0.8428	0.8733 18.36 0.69256
14 22 3 8 1 o	0.0006	0.0006 142.06 0.69253
0 24 6 4 1 o	784.8733	803.8926 1.03 0.69248
15 24 1 8 1 o	150.6117	154.3623 0.48 0.69241
8 32 3 8 1 o	18.2652	18.6522 179.80 0.69229
7 6 7 8 1 o	7.5473	7.7031 359.34 0.69221
10 13 6 8 1 o	45.9122	46.9402 180.16 0.69218
8 29 4 8 1 o	3.0530	3.1039 176.01 0.69213
8 34 2 8 1 o	954.9413	970.3501 180.56 0.69211
7 36 1 8 1 o	48.3044	49.0999 0.61 0.69210
19 7 0 4 1 o	249.0743	252.9466 0.65 0.69195
10 33 1 8 1 o	252.7717	254.7393 359.76 0.69182
13 27 2 8 1 o	250.6054	252.0144 0.49 0.69172
9 33 2 8 1 o	305.9474	306.4758 180.71 0.69156
1 24 6 8 1 o	171.0646	170.5991 0.49 0.69155
1 39 0 4 1 o	3.8677	3.8799 180.79 0.69147
2 33 4 8 1 o	382.2086	381.4544 0.41 0.69145
19 5 1 8 1 o	140.2648	140.9803 180.86 0.69144
7 33 3 8 1 o	51.4290	51.3779 0.13 0.69144
4 35 3 8 1 o	247.8255	246.3192 180.41 0.69115
2 15 7 8 1 o	393.6143	388.2921 0.56 0.69101
6 31 4 8 1 o	4.8244	4.7686 184.30 0.69085
18 10 2 8 1 o	251.4108	250.6516 180.46 0.69084
9 31 3 8 1 o	57.4334	56.8187 180.18 0.69083
16 8 4 8 1 o	2.7594	2.7617 0.54 0.69056
16 22 0 4 1 o	19.7305	19.4755 182.23 0.69053
8 18 6 8 1 o	80.8518	79.9647 182.19 0.69037
7 35 2 8 1 o	2512.9983	2481.5054 180.68 0.69035
17 18 1 8 1 o	194.1438	192.0555 180.41 0.69030
14 25 2 8 1 o	516.6670	510.2436 180.33 0.69030
5 22 6 8 1 o	151.2518	148.8601 180.24 0.69020
13 29 0 4 1 o	253.8455	250.2480 180.33 0.69012
9 16 6 8 1 o	0.0161	0.0160 171.77 0.69005
5 12 7 8 1 o	33.7128	33.2839 180.58 0.68994
6 27 5 8 1 o	126.7793	125.1994 0.32 0.68991
7 26 5 8 1 o	5495.5601	5433.5127 0.57 0.68989
12 0 6 4 1 o	44.2766	44.4561 4.49 0.68977
6 21 6 8 1 o	79.0297	78.2186 359.63 0.68976
6 10 7 8 1 o	858.2615	851.4139 180.95 0.68974
12 17 5 8 1 o	1.5077	1.5074 359.91 0.68969
12 1 6 8 1 o	60.9084	61.3456 180.25 0.68955
3 29 5 8 1 o	264.8401	262.8441 0.46 0.68951
12 29 2 8 1 o	71.4267	71.1571 0.16 0.68947
15 14 4 8 1 o	149.2151	150.4663 180.96 0.68934

9 28 4 8 1 o	277.9488	278.0447	180.24	0.68933
7 7 7 8 1 o	16.0316	16.0928	359.47	0.68927
4 38 1 8 1 o	203.1981	204.9091	180.71	0.68910
19 6 1 8 1 o	92.0470	93.4606	180.88	0.68896
1 36 3 8 1 o	275.2367	278.3820	180.41	0.68895
12 2 6 8 1 o	242.2090	247.4652	180.39	0.68888
12 23 4 8 1 o	323.4247	329.0567	0.57	0.68883
2 24 6 8 1 o	45.5902	46.2037	182.63	0.68879
17 11 3 8 1 o	3.4149	3.4945	179.99	0.68875
14 9 5 8 1 o	304.2231	312.1203	0.71	0.68872
10 32 2 8 1 o	2.4292	2.4747	359.58	0.68872
16 16 3 8 1 o	45.7126	46.7995	0.22	0.68869
11 10 6 8 1 o	58.1425	60.1191	180.29	0.68841
11 25 4 8 1 o	81.0394	83.7409	180.47	0.68836
4 23 6 8 1 o	160.6726	165.8760	180.48	0.68834
6 34 3 8 1 o	1.0015	1.0366	0.08	0.68830
4 37 2 8 1 o	224.7695	233.0075	1.00	0.68827
17 16 2 8 1 o	81.1543	85.2364	0.83	0.68790
17 19 0 4 1 o	660.7759	694.3317	0.88	0.68789
12 3 6 8 1 o	18.4646	19.4646	180.22	0.68776
13 14 5 8 1 o	354.2939	374.5458	180.70	0.68766
5 28 5 8 1 o	228.3917	242.0876	180.97	0.68765
6 37 1 8 1 o	207.1436	219.5908	0.21	0.68761
8 25 5 8 1 o	449.7868	477.2281	0.64	0.68760
15 25 0 4 1 o	873.2343	934.4495	180.41	0.68729
14 18 4 8 1 o	0.5438	0.5813	175.66	0.68720
11 32 1 8 1 o	86.8356	93.1880	179.94	0.68716
10 30 3 8 1 o	29.5597	31.7306	0.44	0.68712
7 20 6 8 1 o	91.6406	98.4641	0.10	0.68706
18 14 1 8 1 o	1371.8605	1473.5602	180.60	0.68697
3 33 4 8 1 o	0.0724	0.0780	172.43	0.68687
1 16 7 8 1 o	7.2722	7.8616	180.29	0.68681
5 32 4 8 1 o	204.5461	220.6508	0.47	0.68679
16 9 4 8 1 o	4.4734	4.7996	0.26	0.68676
4 14 7 8 1 o	663.6458	717.4081	0.88	0.68653
0 39 1 4 1 o	62.6560	67.5359	1.19	0.68650
3 15 7 8 1 o	448.5280	485.0930	0.83	0.68644
6 36 2 8 1 o	89.5357	96.5949	180.03	0.68634
8 1 7 8 1 o	90.0074	96.9561	180.31	0.68632
10 22 5 8 1 o	176.1015	189.7966	0.21	0.68626
2 36 3 8 1 o	1.5430	1.6641	0.26	0.68622
12 4 6 8 1 o	6.9609	7.4799	180.15	0.68620
18 11 2 8 1 o	66.9056	71.9846	181.02	0.68614
10 14 6 8 1 o	8.9183	9.5962	180.90	0.68612
0 38 2 4 1 o	14.0803	15.1668	181.02	0.68612
19 7 1 8 1 o	193.4780	208.1158	180.61	0.68606
7 8 7 8 1 o	526.3886	566.1547	0.91	0.68593
11 20 5 8 1 o	261.1342	280.6021	0.31	0.68588
16 20 2 8 1 o	209.5909	225.2218	180.78	0.68584
13 21 4 8 1 o	0.0898	0.0963	181.72	0.68570
8 2 7 8 1 o	4.1612	4.4615	3.70	0.68565
13 25 3 8 1 o	10.6541	11.4225	180.32	0.68563
1 39 1 8 1 o	1302.2365	1395.4830	0.56	0.68559
15 23 2 8 1 o	2.5358	2.7076	354.81	0.68531

1 38 2 8 1 o	186.3412	198.7428	0.70	0.68521
12 27 3 8 1 o	1488.8531	1587.4049	1.03	0.68520
6 11 7 8 1 o	12.6554	13.4663	359.42	0.68506
15 20 3 8 1 o	47.3788	50.3137	181.11	0.68482
19 9 0 4 1 o	49.2851	52.3276	0.35	0.68479
16 22 1 8 1 o	181.3131	192.0331	181.04	0.68468
14 27 1 8 1 o	187.6339	198.6308	180.80	0.68467
9 35 0 4 1 o	1377.2920	1457.6753	0.88	0.68462
8 3 7 8 1 o	67.7476	71.7546	0.82	0.68455
14 10 5 8 1 o	335.8168	356.3633	0.97	0.68451
5 13 7 8 1 o	78.7370	83.0762	0.47	0.68438
10 27 4 8 1 o	19.7086	20.8029	180.56	0.68431
13 29 1 8 1 o	81.2661	85.6871	181.27	0.68429
8 36 0 4 1 o	460.2456	485.5760	181.25	0.68427
3 24 6 8 1 o	143.8459	151.4484	180.42	0.68426
12 5 6 8 1 o	163.9417	173.6232	180.27	0.68422
3 39 0 4 1 o	5.5361	5.8425	2.91	0.68418
2 16 7 8 1 o	4.6291	4.8659	181.92	0.68411
11 11 6 8 1 o	81.2339	85.7206	180.47	0.68376
11 31 2 8 1 o	3.2302	3.3932	2.42	0.68368
18 1 3 8 1 o	137.8501	145.6087	0.33	0.68367
1 30 5 8 1 o	0.3192	0.3348	2.63	0.68367
17 12 3 8 1 o	64.7105	68.2572	1.46	0.68365
4 29 5 8 1 o	5.9367	6.2169	179.79	0.68318
9 24 5 8 1 o	65.0627	68.2672	1.29	0.68309
18 2 3 8 1 o	101.6609	107.2394	0.15	0.68302
8 4 7 8 1 o	269.2418	282.9775	0.83	0.68302
5 35 3 8 1 o	40.4483	42.4072	0.22	0.68298
15 15 4 8 1 o	0.2031	0.2139	180.94	0.68292
2 39 1 8 1 o	21.5678	22.6494	181.39	0.68290
19 8 1 8 1 o	512.6997	539.2271	180.15	0.68277
10 34 0 4 1 o	641.9357	672.7725	0.86	0.68274
9 17 6 8 1 o	1377.9315	1447.4503	0.87	0.68273
16 10 4 8 1 o	3.0220	3.1898	0.88	0.68257
2 38 2 8 1 o	485.0075	509.2822	0.57	0.68253
14 23 3 8 1 o	890.0318	935.0384	0.57	0.68250
7 9 7 8 1 o	208.6772	219.4449	181.17	0.68220
8 19 6 8 1 o	13.1447	13.8210	359.68	0.68217
17 19 1 8 1 o	10.2658	10.7993	179.29	0.68211
12 18 5 8 1 o	23.0013	24.2915	180.36	0.68195
18 3 3 8 1 o	165.8852	175.6900	180.59	0.68193
12 6 6 8 1 o	1771.5183	1878.1959	0.62	0.68181
3 36 3 8 1 o	21.8710	23.0625	181.11	0.68174
7 37 0 4 1 o	270.1755	285.1369	181.16	0.68171
15 25 1 8 1 o	8.1484	8.6091	179.76	0.68152
16 17 3 8 1 o	305.3580	324.1678	0.28	0.68142
13 15 5 8 1 o	190.0812	202.3940	1.19	0.68128
11 29 3 8 1 o	24.2503	25.7264	0.63	0.68124
18 12 2 8 1 o	13.9565	14.8777	1.37	0.68110
8 5 7 8 1 o	84.8876	90.4727	180.11	0.68106
5 38 1 8 1 o	19.6257	20.9111	0.96	0.68100
2 30 5 8 1 o	33.7931	35.9148	180.64	0.68100
1 25 6 8 1 o	105.7285	112.8445	0.57	0.68070
17 17 2 8 1 o	1861.2510	1995.4384	0.74	0.68065

18 15 1 8 1 o	217.3785	233.1244	180.47	0.68061
4 33 4 8 1 o	100.6134	107.7166	359.51	0.68060
0 17 7 4 1 o	39.6979	42.5217	0.40	0.68048
18 4 3 8 1 o	81.2928	87.6770	180.33	0.68041
12 31 1 8 1 o	5.7530	6.1815	2.37	0.68038
6 22 6 8 1 o	38.1131	41.0052	1.03	0.68029
15 1 5 8 1 o	2.1795	2.3581	359.46	0.68028
5 23 6 8 1 o	750.7898	807.7025	1.07	0.68027
0 34 4 4 1 o	0.4706	0.5067	177.65	0.68024
5 37 2 8 1 o	729.2253	786.3466	0.61	0.68020
4 15 7 8 1 o	130.8308	140.8982	180.32	0.68019
6 12 7 8 1 o	291.2740	314.6313	0.93	0.68005
14 11 5 8 1 o	90.0926	97.8048	180.68	0.67993
10 15 6 8 1 o	274.0018	297.4618	0.07	0.67979
3 16 7 8 1 o	97.6563	105.8721	0.51	0.67967
15 2 5 8 1 o	114.9201	125.3534	0.52	0.67963
1 17 7 8 1 o	51.9438	56.3398	0.39	0.67960
18 16 0 4 1 o	89.9036	97.7355	0.44	0.67958
19 0 2 4 1 o	1411.6318	1537.7513	0.66	0.67958
13 28 2 8 1 o	251.3225	273.0739	0.30	0.67956
19 1 2 8 1 o	74.4625	81.2992	179.84	0.67936
1 34 4 8 1 o	8.7149	9.4832	182.93	0.67936
7 31 4 8 1 o	29.3931	32.0432	179.89	0.67915
14 19 4 8 1 o	3.8491	4.2085	187.26	0.67911
8 30 4 8 1 o	4.0206	4.3853	2.45	0.67910
19 9 1 8 1 o	259.9920	284.2288	181.30	0.67909
14 26 2 8 1 o	58.8413	64.2012	0.76	0.67908
12 7 6 8 1 o	36.4579	39.9780	0.29	0.67900
9 35 1 8 1 o	35.4035	38.6614	180.54	0.67892
11 12 6 8 1 o	143.4599	157.4303	0.47	0.67877
19 2 2 8 1 o	212.1117	232.9499	0.57	0.67872
11 33 0 4 1 o	70.6796	77.2450	1.32	0.67869
8 6 7 8 1 o	352.3164	386.1059	180.85	0.67869
8 36 1 8 1 o	77.7360	85.0751	0.01	0.67858
15 3 5 8 1 o	11.7286	12.9417	358.32	0.67856
12 24 4 8 1 o	775.1027	849.7476	180.54	0.67853
5 14 7 8 1 o	29.4531	32.1997	359.39	0.67852
3 39 1 8 1 o	609.8771	668.7986	180.55	0.67849
18 5 3 8 1 o	710.0397	782.5575	180.62	0.67848
14 28 0 4 1 o	3.0366	3.3222	179.83	0.67843
7 27 5 8 1 o	249.2534	273.0686	0.92	0.67826
17 13 3 8 1 o	6.5419	7.2151	0.44	0.67824
7 21 6 8 1 o	431.2811	473.2184	0.68	0.67812
3 38 2 8 1 o	214.2841	235.5297	180.60	0.67812
7 10 7 8 1 o	1294.4445	1423.0122	0.50	0.67810
4 24 6 8 1 o	99.0771	108.4701	1.27	0.67807
2 25 6 8 1 o	18.0093	19.6984	180.17	0.67807
16 11 4 8 1 o	0.0201	0.0223	49.86	0.67804
8 33 3 8 1 o	192.8918	211.9978	0.91	0.67796
6 28 5 8 1 o	384.0366	422.0344	0.90	0.67785
19 3 2 8 1 o	156.8347	174.6169	180.81	0.67765
11 26 4 8 1 o	28.6100	31.9557	180.64	0.67723
10 34 1 8 1 o	10.5318	11.7874	359.45	0.67709
15 4 5 8 1 o	165.9355	188.8410	0.88	0.67706

6 32 4 8 1 o	39.3092	44.0654 180.62 0.67703
9 32 3 8 1 o	547.5236	614.6581 180.83 0.67702
6 38 0 4 1 o	254.2191	286.3033 180.19 0.67699
11 21 5 8 1 o	7.9248	8.9517 4.78 0.67698
2 17 7 8 1 o	43.7066	48.8585 179.88 0.67697
16 21 2 8 1 o	7.5768	8.5527 357.90 0.67695
8 35 2 8 1 o	1662.7985	1873.5959 0.71 0.67693
9 29 4 8 1 o	59.4421	67.1476 359.98 0.67687
9 34 2 8 1 o	293.0361	331.3029 0.65 0.67685
2 34 4 8 1 o	957.3711	1086.0742 0.54 0.67674
7 34 3 8 1 o	129.4302	147.1317 0.43 0.67673
3 30 5 8 1 o	101.5560	115.7213 180.77 0.67662
12 30 2 8 1 o	151.9284	173.9736 180.88 0.67659
10 23 5 8 1 o	73.2897	84.5806 180.13 0.67650
8 26 5 8 1 o	991.9351	1141.9453 180.78 0.67650
13 22 4 8 1 o	112.6942	131.2398 0.15 0.67638
15 16 4 8 1 o	0.3959	0.4666 355.48 0.67625
19 4 2 8 1 o	265.4541	314.8036 0.67 0.67616
19 11 0 4 1 o	52.3381	61.9012 181.15 0.67615
18 6 3 8 1 o	9.5355	11.3464 0.97 0.67613
7 37 1 8 1 o	87.0667	103.2848 0.11 0.67608
15 21 3 8 1 o	2.3641	2.8343 180.72 0.67597
8 7 7 8 1 o	356.0608	428.5500 0.50 0.67592
12 8 6 8 1 o	0.0963	0.1174 357.85 0.67581
18 13 2 8 1 o	495.1273	604.6039 180.58 0.67575
4 36 3 8 1 o	0.2063	0.2545 180.49 0.67562
5 29 5 8 1 o	163.8259	208.7525 180.43 0.67528
9 18 6 8 1 o	425.1153	544.4796 180.43 0.67522
15 24 2 8 1 o	378.3834	487.6880 0.60 0.67516
15 5 5 8 1 o	87.5592	112.5505 0.82 0.67516
17 0 4 4 1 o	500.8425	645.6210 180.26 0.67512
0 40 0 2 1 o	16.0628	20.8448 3.20 0.67508
19 10 1 8 1 o	4.1720	5.4329 1.61 0.67504
14 12 5 8 1 o	7.9712	10.3687 180.17 0.67503
16 23 1 8 1 o	91.9383	120.7378 180.83 0.67498
17 1 4 8 1 o	1232.3746	1617.7814 0.60 0.67491
7 36 2 8 1 o	3.3366	4.4326 186.00 0.67487
6 13 7 8 1 o	3.5112	4.7408 180.83 0.67472
13 16 5 8 1 o	0.4110	0.5539 181.94 0.67466
13 26 3 8 1 o	309.9449	421.7755 179.83 0.67462
10 33 2 8 1 o	3.3899	4.6292 177.00 0.67461
17 2 4 8 1 o	56.1061	77.7492 181.02 0.67428
19 5 2 8 1 o	23.0349	32.1835 1.07 0.67426
12 19 5 8 1 o	6.4768	9.2515 359.54 0.67404
18 16 1 8 1 o	212.4601	305.9112 359.88 0.67401
0 37 3 4 1 o	451.6522	653.2352 180.18 0.67400
16 18 3 8 1 o	13.5674	19.5499 180.22 0.67395
10 31 3 8 1 o	703.1269	1023.7862 180.56 0.67394
8 20 6 8 1 o	30.4056	44.5639 180.70 0.67383
17 20 1 8 1 o	187.1237	275.5271 0.45 0.67378
3 25 6 8 1 o	0.7983	1.1915 183.26 0.67374
7 11 7 8 1 o	72.6962	108.0631 180.37 0.67365
4 16 7 8 1 o	8.3653	12.6124 2.01 0.67360
11 13 6 8 1 o	81.4498	121.3300 0.49 0.67347

18 7 3 8 1 o	36.3688	54.2032	180.82	0.67339
12 28 3 8 1 o	36.8774	56.0419	180.23	0.67338
6 35 3 8 1 o	0.3796	0.5780	354.53	0.67337
17 3 4 8 1 o	0.1443	0.2161	348.41	0.67323
10 16 6 8 1 o	438.4738	668.2817	0.61	0.67321
17 18 2 8 1 o	318.9191	487.5957	0.30	0.67321
16 12 4 8 1 o	12.2242	18.4765	180.68	0.67318
1 37 3 8 1 o	55.8909	86.3438	180.22	0.67314
11 33 1 8 1 o	9.5419	14.7953	184.91	0.67314
14 28 1 8 1 o	31.0916	49.0026	2.02	0.67288
15 6 5 8 1 o	1.3363	2.0477	182.80	0.67285
5 33 4 8 1 o	202.6830	321.0900	0.46	0.67279
8 8 7 8 1 o	1239.8058	1946.8314	0.66	0.67276
3 17 7 8 1 o	35.8793	57.6276	180.32	0.67267
9 25 5 8 1 o	43.7831	69.6903	181.00	0.67263
12 32 0 4 1 o	32.2822	51.7737	179.41	0.67258
10 28 4 8 1 o	1.4898	2.3836	181.50	0.67254
17 14 3 8 1 o	898.1822	1416.8154	180.66	0.67254
14 24 3 8 1 o	0.0986	0.1577	357.13	0.67248
4 39 1 8 1 o	3.8974	6.2410	1.59	0.67245
3 34 4 8 1 o	85.7524	138.4790	179.77	0.67245
5 15 7 8 1 o	143.9288	233.3772	180.44	0.67240
12 9 6 8 1 o	121.7459	193.8694	180.21	0.67224
1 18 7 8 1 o	4.5743	7.5493	179.08	0.67219
4 38 2 8 1 o	6.6261	10.8173	180.55	0.67209
19 6 2 8 1 o	5.3899	8.7344	177.26	0.67196
17 4 4 8 1 o	133.5587	215.9301	180.83	0.67177
13 30 1 8 1 o	18.8519	31.5359	179.99	0.67168
2 40 0 4 1 o	1.1986	1.9861	183.92	0.67167
0 31 5 4 1 o	126.7120	214.3437	0.10	0.67153
6 38 1 8 1 o	72.8228	122.1049	0.93	0.67148
9 1 7 8 1 o	106.0497	176.3880	180.30	0.67143
14 20 4 8 1 o	4.8393	8.2273	0.10	0.67088
9 2 7 8 1 o	13.3567	22.7357	359.70	0.67081
6 23 6 8 1 o	1.8863	3.2719	2.30	0.67078
0 26 6 4 1 o	150.8587	263.6236	0.31	0.67077
15 26 1 8 1 o	268.2713	465.1624	180.45	0.67072
6 37 2 8 1 o	319.9540	552.8965	180.72	0.67071
17 21 0 4 1 o	93.9443	162.5662	181.03	0.67070
1 31 5 8 1 o	15.1001	26.3706	1.46	0.67068
19 11 1 8 1 o	81.8170	140.4063	180.61	0.67066
16 24 0 4 1 o	50.3948	87.5576	0.61	0.67065
4 30 5 8 1 o	1.1856	2.0710	3.71	0.67063
2 37 3 8 1 o	0.7539	1.3088	182.02	0.67060
5 24 6 8 1 o	14.5938	25.7274	0.38	0.67034
11 32 2 8 1 o	88.1089	154.8120	179.90	0.67028
18 8 3 8 1 o	50.3384	86.3894	359.99	0.67027
5 39 0 4 1 o	6.0353	10.5386	182.66	0.67027
15 7 5 8 1 o	24.1162	41.2172	179.61	0.67015
18 14 2 8 1 o	2.9285	5.1019	1.61	0.67011
1 26 6 8 1 o	24.3291	43.6617	180.39	0.66993
17 5 4 8 1 o	272.2719	468.5228	0.58	0.66991
14 13 5 8 1 o	2.6946	4.6766	181.62	0.66982
9 3 7 8 1 o	70.1148	123.0468	1.55	0.66977

2 18 7 8 1 o	15.2153	27.5692 180.15 0.66965
15 17 4 8 1 o	112.5320	198.9060 180.06 0.66936
19 7 2 8 1 o	2.7434	4.8560 178.43 0.66927
8 9 7 8 1 o	790.7615	1416.8800 0.64 0.66924
7 22 6 8 1 o	8.5216	15.5001 0.27 0.66911
6 14 7 8 1 o	402.3947	732.1910 180.90 0.66910
7 12 7 8 1 o	29.5535	53.7360 180.64 0.66888
1 39 2 8 1 o	28.3957	51.5252 180.50 0.66883
11 30 3 8 1 o	243.1296	444.3130 180.59 0.66880
1 40 1 8 1 o	1.4558	2.6353 2.38 0.66878
9 4 7 8 1 o	23.9588	43.0745 180.43 0.66834
12 10 6 8 1 o	115.0664	204.3253 180.38 0.66831
12 25 4 8 1 o	480.7761	874.4846 180.22 0.66827
20 0 0 2 1 o	2280.8574	4095.0005 0.78 0.66819
2 31 5 8 1 o	1.2216	2.2663 3.70 0.66816
11 22 5 8 1 o	4.0262	7.2687 181.38 0.66802
16 13 4 8 1 o	56.0695	99.1392 1.54 0.66801
16 22 2 8 1 o	20.4610	37.1410 359.76 0.66798
14 27 2 8 1 o	7.8099	14.2665 0.05 0.66798
5 36 3 8 1 o	4.7613	8.6948 359.44 0.66798
13 0 6 4 1 o	20.8297	36.3787 1.28 0.66789
11 14 6 8 1 o	20.1923	35.9177 180.59 0.66789
4 25 6 8 1 o	21.1746	39.0486 0.15 0.66783
13 17 5 8 1 o	9.8743	17.5004 180.36 0.66782
13 1 6 8 1 o	221.6669	384.7861 179.84 0.66769
17 6 4 8 1 o	42.5915	73.8950 0.16 0.66765
13 29 2 8 1 o	84.2272	152.1956 180.36 0.66762
9 19 6 8 1 o	22.7227	40.4920 1.85 0.66754
2 26 6 8 1 o	49.8879	90.5498 0.71 0.66742
20 2 0 4 1 o	0.1884	0.3293 172.11 0.66737
18 17 1 8 1 o	3.1637	5.5241 359.79 0.66718
12 32 1 8 1 o	44.9193	79.2471 180.91 0.66717
13 2 6 8 1 o	3.0262	5.1053 181.35 0.66707
15 8 5 8 1 o	0.0338	0.0569 27.53 0.66707
15 22 3 8 1 o	284.3821	490.5777 180.76 0.66704
13 23 4 8 1 o	1.5940	2.7459 355.60 0.66703
18 9 3 8 1 o	0.4537	0.7577 356.08 0.66679
7 28 5 8 1 o	33.1117	56.7057 1.14 0.66679
4 17 7 8 1 o	86.5018	149.0021 0.34 0.66679
10 24 5 8 1 o	3.8372	6.4965 182.85 0.66674
17 15 3 8 1 o	19.6588	32.4877 180.26 0.66657
4 34 4 8 1 o	15.9362	26.7859 1.20 0.66656
9 5 7 8 1 o	54.5371	89.8728 0.38 0.66650
3 37 3 8 1 o	7.4812	12.3707 180.20 0.66641
10 17 6 8 1 o	3.7597	6.1658 179.39 0.66641
8 31 4 8 1 o	14.3323	23.6405 179.18 0.66637
2 39 2 8 1 o	23.1721	37.9497 0.67 0.66634
16 19 3 8 1 o	71.1940	115.8005 179.74 0.66631
2 40 1 8 1 o	11.2430	18.2953 179.18 0.66628
11 27 4 8 1 o	23.4675	38.1027 180.71 0.66622
19 8 2 8 1 o	143.4763	230.5551 180.35 0.66621
19 13 0 4 1 o	4.7025	7.5989 357.70 0.66620
13 3 6 8 1 o	62.9850	99.3593 0.66 0.66606
5 16 7 8 1 o	16.5873	26.6421 180.69 0.66603

7 32 4 8 1 o	5.2740	8.4425	180.77	0.66601
12 20 5 8 1 o	2.7091	4.2981	180.04	0.66600
6 29 5 8 1 o	95.9046	153.5153	180.58	0.66599
19 12 1 8 1 o	53.3698	84.4308	180.83	0.66595
17 19 2 8 1 o	341.5259	526.8065	0.67	0.66560
8 27 5 8 1 o	860.3822	1324.0334	0.70	0.66552
3 18 7 8 1 o	25.4103	39.1259	0.68	0.66548
0 19 7 4 1 o	4.9663	7.6239	1.33	0.66543
18 18 0 4 1 o	286.0778	435.7874	0.47	0.66541
8 21 6 8 1 o	7.8913	12.0187	178.97	0.66539
8 10 7 8 1 o	788.6332	1196.8616	0.66	0.66537
17 21 1 8 1 o	49.7609	75.4749	180.42	0.66534
16 24 1 8 1 o	187.2487	283.1693	0.64	0.66528
15 27 0 4 1 o	89.4421	135.0072	359.87	0.66525
15 25 2 8 1 o	234.2317	348.5268	180.22	0.66505
17 7 4 8 1 o	90.9632	134.1496	0.47	0.66502
1 35 4 8 1 o	20.2350	30.0277	0.57	0.66500
20 4 0 4 1 o	9.7935	14.4283	178.38	0.66494
5 39 1 8 1 o	318.2408	469.0300	0.28	0.66492
9 30 4 8 1 o	356.4988	517.9114	0.77	0.66467
13 4 6 8 1 o	11.1560	16.1099	180.66	0.66465
1 19 7 8 1 o	0.0167	0.0243	175.62	0.66461
13 31 0 4 1 o	510.3347	737.6635	180.63	0.66457
5 38 2 8 1 o	33.1547	47.8711	0.78	0.66457
14 14 5 8 1 o	3.8253	5.4345	5.72	0.66432
9 6 7 8 1 o	12.5314	17.7817	180.08	0.66428
18 15 2 8 1 o	51.0739	72.1946	1.56	0.66420
9 36 1 8 1 o	32.1655	45.4590	0.87	0.66418
8 34 3 8 1 o	50.8195	71.4334	180.19	0.66408
12 11 6 8 1 o	18.1839	25.4872	180.30	0.66406
3 31 5 8 1 o	1.9170	2.6879	358.06	0.66403
12 31 2 8 1 o	3.1595	4.4206	183.10	0.66399
7 13 7 8 1 o	0.0936	0.1297	192.25	0.66381
13 27 3 8 1 o	40.7680	56.2977	179.81	0.66374
15 9 5 8 1 o	1280.0566	1758.4875	180.53	0.66364
6 33 4 8 1 o	61.7660	84.7734	1.20	0.66361
9 33 3 8 1 o	17.7575	24.3589	179.95	0.66360
8 37 1 8 1 o	12.3963	16.8994	179.96	0.66346
3 26 6 8 1 o	42.0862	56.9379	180.11	0.66330
6 15 7 8 1 o	301.4941	406.7628	0.23	0.66322
5 30 5 8 1 o	81.6298	109.8135	0.91	0.66316
18 10 3 8 1 o	90.8354	121.3992	180.34	0.66296
10 35 1 8 1 o	15.3791	20.4631	1.42	0.66286
13 5 6 8 1 o	7.7659	10.3357	3.41	0.66284
19 9 2 8 1 o	0.4218	0.5602	183.03	0.66279
20 1 1 8 1 o	11.7863	15.5994	0.20	0.66269
9 35 2 8 1 o	1.4843	1.9601	176.84	0.66264
16 14 4 8 1 o	2.2959	3.0267	3.53	0.66256
14 21 4 8 1 o	32.0509	42.2370	0.43	0.66255
2 35 4 8 1 o	1337.3857	1760.5792	180.60	0.66254
7 35 3 8 1 o	12.9420	17.0339	180.14	0.66253
14 25 3 8 1 o	263.2557	346.1618	180.60	0.66249
8 36 2 8 1 o	75.2201	98.4298	181.52	0.66232
15 18 4 8 1 o	685.8177	896.6024	0.76	0.66227

3 39 2 8 1 o	42.5167	55.5148	0.59	0.66223
9 26 5 8 1 o	9.0841	11.8600	181.26	0.66223
3 40 1 8 1 o	20.0878	26.1927	180.43	0.66218
2 19 7 8 1 o	72.0056	93.8145	0.34	0.66216
20 2 1 8 1 o	449.9860	585.4406	0.45	0.66209
11 15 6 8 1 o	53.3179	69.2843	1.09	0.66204
17 8 4 8 1 o	116.9369	151.8204	180.07	0.66201
12 29 3 8 1 o	290.1224	374.6030	180.51	0.66175
4 40 0 4 1 o	3.0621	3.9489	3.10	0.66171
9 7 7 8 1 o	0.0021	0.0027	55.95	0.66168
14 29 1 8 1 o	48.0248	61.3543	179.93	0.66128
6 24 6 8 1 o	33.6111	42.9238	0.76	0.66126
8 11 7 8 1 o	89.9530	114.4730	0.32	0.66117
20 3 1 8 1 o	163.1162	206.9890	0.59	0.66109
10 32 3 8 1 o	12.9259	16.4270	0.03	0.66109
10 29 4 8 1 o	150.4951	190.4763	180.49	0.66096
20 6 0 4 1 o	202.2759	255.6068	1.14	0.66094
19 13 1 8 1 o	178.1783	225.2204	180.80	0.66094
10 34 2 8 1 o	8.9268	11.2927	180.79	0.66093
13 18 5 8 1 o	197.7930	248.5877	180.43	0.66078
7 38 1 8 1 o	19.4401	24.4168	181.19	0.66072
4 37 3 8 1 o	13.2281	16.5972	0.38	0.66069
13 6 6 8 1 o	29.9179	37.4183	179.68	0.66065
5 25 6 8 1 o	179.7825	223.6902	0.79	0.66045
17 16 3 8 1 o	205.4445	254.4386	359.86	0.66036
18 18 1 8 1 o	85.6378	105.2716	180.12	0.66017
7 23 6 8 1 o	461.8746	565.0480	180.92	0.66005
15 27 1 8 1 o	1433.1836	1750.0748	180.57	0.66001
7 37 2 8 1 o	122.8216	149.8461	180.45	0.65999
15 10 5 8 1 o	68.1755	82.8876	1.09	0.65986
4 18 7 8 1 o	16.6799	20.1509	180.34	0.65978
9 20 6 8 1 o	18.1830	21.9438	0.78	0.65973
20 4 1 8 1 o	1.7942	2.1662	2.96	0.65971
11 34 1 8 1 o	36.0742	43.1611	0.79	0.65955
12 12 6 8 1 o	519.4693	622.3707	180.85	0.65949
5 17 7 8 1 o	20.5327	24.4412	0.20	0.65944
10 18 6 8 1 o	1651.0907	1969.4453	1.14	0.65942
13 31 1 8 1 o	24.3550	28.9050	179.69	0.65935
1 27 6 8 1 o	160.4848	189.4449	0.46	0.65926
5 34 4 8 1 o	3.5057	4.1409	0.11	0.65923
19 10 2 8 1 o	385.5076	454.5244	0.33	0.65903
11 23 5 8 1 o	124.5171	146.3895	0.05	0.65900
6 36 3 8 1 o	15.0604	17.6585	0.26	0.65898
16 23 2 8 1 o	636.8747	747.2169	0.86	0.65897
0 0 8 2 1 o	1313.0131	1532.3958	180.67	0.65894
18 11 3 8 1 o	600.7485	705.0514	180.54	0.65881
9 8 7 8 1 o	233.4087	272.8082	0.40	0.65872
17 9 4 8 1 o	32.7651	38.3976	0.47	0.65865
14 15 5 8 1 o	14.9502	17.4657	2.07	0.65857
16 20 3 8 1 o	75.5000	87.8874	180.25	0.65854
3 35 4 8 1 o	443.1476	513.4104	0.91	0.65851
7 14 7 8 1 o	84.6564	98.1570	0.96	0.65846
4 31 5 8 1 o	215.7044	249.1398	0.31	0.65836
0 2 8 4 1 o	260.5304	299.8832	0.41	0.65816

1 0 8 4 1 o	2032.8708	2340.0598	0.77	0.65814
3 19 7 8 1 o	114.0021	131.2471	180.29	0.65813
13 7 6 8 1 o	98.1423	114.1720	180.02	0.65810
12 26 4 8 1 o	24.9833	28.8871	180.74	0.65807
15 23 3 8 1 o	0.4130	0.4777	1.97	0.65807
18 16 2 8 1 o	125.6850	145.5425	0.90	0.65806
1 32 5 8 1 o	3.3225	3.8272	180.96	0.65802
1 38 3 8 1 o	2.5045	2.8921	2.09	0.65799
1 1 8 8 1 o	30.7064	35.3308	179.98	0.65795
20 5 1 8 1 o	6.1738	7.1531	178.45	0.65795
17 20 2 8 1 o	255.4369	295.2779	0.67	0.65785
12 21 5 8 1 o	146.7382	169.8218	1.05	0.65785
1 41 0 4 1 o	327.5259	378.7840	0.74	0.65782
13 24 4 8 1 o	1273.5641	1472.7252	180.64	0.65767
4 26 6 8 1 o	99.1617	114.2686	0.45	0.65765
1 2 8 8 1 o	413.3949	477.0443	0.29	0.65736
11 33 2 8 1 o	66.6588	77.0986	180.13	0.65725
6 16 7 8 1 o	251.1693	290.7491	180.63	0.65711
14 28 2 8 1 o	19.6699	22.7889	0.80	0.65701
10 25 5 8 1 o	110.8986	128.5446	0.47	0.65700
1 20 7 8 1 o	92.8474	107.5598	0.28	0.65690
8 22 6 8 1 o	16.3815	18.9978	181.45	0.65687
2 27 6 8 1 o	1.5511	1.7975	0.13	0.65687
16 15 4 8 1 o	156.9023	182.2344	180.84	0.65685
17 22 1 8 1 o	0.1945	0.2256	9.39	0.65682
8 12 7 8 1 o	179.1697	208.0689	181.08	0.65666
11 31 3 8 1 o	1.8005	2.0907	180.24	0.65663
4 39 2 8 1 o	18.2145	21.1545	181.40	0.65661
4 40 1 8 1 o	230.2252	267.4591	180.63	0.65656
1 3 8 8 1 o	32.5740	37.8630	0.29	0.65639
6 39 1 8 1 o	116.7271	135.7688	0.37	0.65604
11 16 6 8 1 o	19.1265	22.2402	359.92	0.65596
13 30 2 8 1 o	821.1504	955.3954	0.56	0.65590
10 1 7 8 1 o	42.7819	49.7377	180.46	0.65588
0 4 8 4 1 o	34.2041	39.8181	0.28	0.65583
20 6 1 8 1 o	559.5714	650.6068	180.81	0.65581
15 11 5 8 1 o	0.4931	0.5729	171.72	0.65576
2 0 8 4 1 o	1089.9438	1268.7943	1.09	0.65576
6 38 2 8 1 o	48.6619	56.6080	0.76	0.65571
19 14 1 8 1 o	72.8574	84.7192	179.76	0.65566
2 32 5 8 1 o	310.8059	361.7563	0.74	0.65564
16 25 1 8 1 o	104.7415	121.8593	0.60	0.65561
2 38 3 8 1 o	0.0196	0.0228	178.16	0.65561
2 1 8 8 1 o	672.8413	783.2793	0.58	0.65557
7 29 5 8 1 o	97.4050	113.3286	0.37	0.65550
20 8 0 4 1 o	518.3206	602.3763	180.32	0.65547
9 9 7 8 1 o	3902.6899	4535.0010	0.64	0.65542
11 28 4 8 1 o	7.2604	8.4414	0.11	0.65534
10 2 7 8 1 o	0.1584	0.1839	189.78	0.65530
13 8 6 8 1 o	22.7182	26.3408	0.09	0.65519
19 15 0 4 1 o	513.8070	596.7426	0.86	0.65513
1 4 8 8 1 o	76.5937	89.1047	0.41	0.65504
15 19 4 8 1 o	14.2798	16.5608	1.92	0.65502
15 26 2 8 1 o	0.0362	0.0421	356.20	0.65500

2 2 8 8 1 o	80.2699	93.3528	180.43	0.65499
9 37 0 4 1 o	125.5382	145.8086	180.03	0.65498
17 10 4 8 1 o	126.9699	147.0124	359.99	0.65496
19 11 2 8 1 o	129.7984	150.4564	180.57	0.65494
14 30 0 4 1 o	499.4729	580.1041	0.63	0.65488
8 28 5 8 1 o	420.2958	487.2859	180.64	0.65468
12 13 6 8 1 o	6.5301	7.5439	179.89	0.65462
2 20 7 8 1 o	5.0493	5.8565	178.42	0.65453
16 1 5 8 1 o	295.2052	339.8936	0.21	0.65450
6 30 5 8 1 o	113.5338	131.2372	180.82	0.65435
10 3 7 8 1 o	83.8455	96.5440	359.76	0.65434
18 12 3 8 1 o	77.5500	89.2719	0.48	0.65434
12 33 1 8 1 o	0.6347	0.7330	166.64	0.65431
14 22 4 8 1 o	5.1258	5.8887	180.84	0.65414
10 36 0 4 1 o	1630.3335	1875.5802	1.00	0.65410
2 3 8 8 1 o	36.5281	42.0366	180.53	0.65403
0 40 2 4 1 o	83.7421	95.9764	0.44	0.65398
17 17 3 8 1 o	0.6789	0.7763	359.92	0.65394
8 32 4 8 1 o	12.0251	13.7872	180.25	0.65394
16 2 5 8 1 o	4.3012	4.9032	357.73	0.65392
8 38 0 4 1 o	9.5352	10.9184	180.57	0.65391
13 19 5 8 1 o	78.7550	89.2060	180.34	0.65358
5 37 3 8 1 o	82.5622	93.5885	180.20	0.65354
0 41 1 4 1 o	433.3690	490.7188	180.31	0.65354
1 5 8 8 1 o	20.9411	23.5831	180.66	0.65331
20 7 1 8 1 o	8.9373	10.0376	0.19	0.65331
7 33 4 8 1 o	18.8147	21.0908	180.10	0.65322
17 23 0 4 1 o	596.6196	668.3000	0.91	0.65320
1 40 2 8 1 o	221.7083	248.1306	180.73	0.65319
10 4 7 8 1 o	55.1576	61.2559	180.47	0.65300
18 19 1 8 1 o	261.9789	290.8217	180.42	0.65299
4 35 4 8 1 o	229.8629	255.1362	1.91	0.65298
13 28 3 8 1 o	240.4422	266.8104	0.98	0.65298
16 3 5 8 1 o	28.9307	32.0930	180.89	0.65297
3 27 6 8 1 o	127.6758	141.4781	0.56	0.65294
7 15 7 8 1 o	12.4910	13.7901	182.06	0.65286
19 1 3 8 1 o	53.8812	59.4017	0.29	0.65280
1 41 1 8 1 o	209.5089	230.4021	180.58	0.65276
9 31 4 8 1 o	50.8659	55.8056	180.58	0.65271
2 4 8 8 1 o	43.4668	47.6078	180.52	0.65269
5 18 7 8 1 o	69.1692	75.6819	0.57	0.65266
4 19 7 8 1 o	1.1093	1.2107	2.59	0.65261
14 16 5 8 1 o	242.0966	264.6211	0.40	0.65258
14 26 3 8 1 o	142.0613	154.7944	0.33	0.65255
10 19 6 8 1 o	55.3451	59.6394	0.33	0.65226
19 2 3 8 1 o	194.3672	209.8982	0.68	0.65223
0 6 8 4 1 o	94.3785	100.0466	181.46	0.65199
13 9 6 8 1 o	5.1394	5.4983	180.77	0.65193
9 27 5 8 1 o	2484.1077	2636.9707	180.67	0.65192
0 36 4 4 1 o	989.4366	1048.1711	180.63	0.65190
8 13 7 8 1 o	0.1284	0.1362	171.82	0.65186
3 0 8 4 1 o	551.5719	582.1819	180.97	0.65185
9 21 6 8 1 o	197.9921	209.5578	181.09	0.65180
9 10 7 8 1 o	13.1336	13.9224	0.18	0.65178

6 25 6 8 1 o	5.2557	5.5352	0.43	0.65175
3 32 5 8 1 o	767.3795	806.9955	0.69	0.65173
18 17 2 8 1 o	858.1689	907.3839	180.90	0.65171
3 38 3 8 1 o	90.0702	94.9132	180.78	0.65170
12 32 2 8 1 o	12.4976	13.1558	178.72	0.65170
3 1 8 8 1 o	823.7016	863.8839	0.83	0.65166
16 4 5 8 1 o	571.0598	607.4398	180.72	0.65163
3 41 0 4 1 o	393.7223	414.1169	181.00	0.65154
15 12 5 8 1 o	63.8206	67.3652	359.88	0.65136
11 35 0 4 1 o	518.2847	540.3250	0.39	0.65129
10 5 7 8 1 o	38.0575	39.9925	180.78	0.65129
5 31 5 8 1 o	14.0792	14.6558	180.46	0.65129
19 3 3 8 1 o	25.2731	26.6344	180.34	0.65128
1 6 8 8 1 o	46.1327	47.8382	2.19	0.65122
1 36 4 8 1 o	3968.2693	4126.9214	180.70	0.65112
3 2 8 8 1 o	52.4725	54.4189	0.17	0.65109
2 5 8 8 1 o	101.7002	105.3052	0.92	0.65098
7 24 6 8 1 o	5.6991	5.9224	0.62	0.65098
17 11 4 8 1 o	117.4643	123.4363	359.95	0.65095
7 39 0 4 1 o	158.3547	164.9124	1.08	0.65091
16 16 4 8 1 o	103.5275	108.5292	180.46	0.65091
16 26 0 4 1 o	155.6909	161.7596	180.49	0.65087
2 40 2 8 1 o	749.4071	781.0316	180.47	0.65087
6 17 7 8 1 o	51.0762	53.0608	0.44	0.65078
16 21 3 8 1 o	186.9123	195.2688	180.09	0.65066
8 35 3 8 1 o	360.1819	374.8369	180.51	0.65064
3 20 7 8 1 o	44.4126	46.0285	180.59	0.65064
5 26 6 8 1 o	12.9033	13.3992	180.24	0.65060
6 34 4 8 1 o	123.3658	128.3694	0.67	0.65058
9 34 3 8 1 o	22.4924	23.4225	358.74	0.65057
18 20 0 4 1 o	652.6248	680.3832	0.59	0.65056
19 12 2 8 1 o	6.6930	7.0098	356.97	0.65056
20 8 1 8 1 o	127.9937	134.1201	1.23	0.65046
2 41 1 8 1 o	7.0359	7.3590	1.29	0.65043
12 30 3 8 1 o	23.9810	25.0595	0.19	0.65033
3 3 8 8 1 o	172.5730	180.4330	180.88	0.65015
19 15 1 8 1 o	253.9279	266.8923	180.74	0.65013
17 21 2 8 1 o	57.1223	60.1583	181.33	0.64999
9 37 1 8 1 o	331.8710	349.0585	0.24	0.64998
11 24 5 8 1 o	85.4087	89.9997	359.91	0.64997
19 4 3 8 1 o	43.1693	45.7034	1.59	0.64995
16 24 2 8 1 o	14.7651	15.5548	1.40	0.64994
16 5 5 8 1 o	60.5575	64.2460	1.12	0.64993
14 30 1 8 1 o	45.8861	48.3368	180.28	0.64988
0 21 7 4 1 o	9.2990	9.7844	1.67	0.64984
11 17 6 8 1 o	964.9564	1024.6895	0.44	0.64966
12 22 5 8 1 o	53.7852	57.1447	0.97	0.64961
5 39 2 8 1 o	208.3146	221.1737	180.63	0.64959
18 13 3 8 1 o	222.6081	236.9139	180.86	0.64959
10 30 4 8 1 o	6.6904	7.1039	182.39	0.64958
5 40 1 8 1 o	396.8162	421.9242	0.51	0.64954
12 14 6 8 1 o	6.6205	7.0598	179.40	0.64949
0 28 6 4 1 o	109.9099	116.7977	0.24	0.64948
15 28 1 8 1 o	129.6499	138.0935	180.99	0.64943

10 6 7 8 1 o	44.4750	47.6642	1.60	0.64922
10 36 1 8 1 o	14.6060	15.6693	0.68	0.64912
1 21 7 8 1 o	803.1996	862.5842	0.74	0.64907
15 24 3 8 1 o	0.6849	0.7358	176.58	0.64907
8 38 1 8 1 o	25.3181	27.2700	358.99	0.64893
2 6 8 8 1 o	201.6262	217.3224	1.07	0.64891
9 36 2 8 1 o	1079.0228	1162.7950	0.92	0.64891
3 4 8 8 1 o	340.7435	367.8501	180.23	0.64883
2 36 4 8 1 o	227.2429	245.3398	1.01	0.64882
7 36 3 8 1 o	10.5404	11.3811	181.71	0.64881
1 7 8 8 1 o	0.3791	0.4099	182.45	0.64877
1 28 6 8 1 o	114.0583	123.4369	180.19	0.64872
20 10 0 4 1 o	188.8503	204.4432	0.55	0.64863
10 33 3 8 1 o	154.7675	167.7823	181.81	0.64858
13 10 6 8 1 o	97.6745	106.0233	180.19	0.64835
13 25 4 8 1 o	18.6513	20.2788	359.59	0.64831
8 23 6 8 1 o	51.1232	55.6255	180.60	0.64830
19 5 3 8 1 o	60.8730	66.1325	0.20	0.64827
17 23 1 8 1 o	42.2835	46.0316	181.50	0.64825
8 37 2 8 1 o	412.7496	449.3893	0.58	0.64824
12 27 4 8 1 o	99.8836	108.9340	0.33	0.64796
16 6 5 8 1 o	0.0761	0.0828	19.52	0.64787
9 11 7 8 1 o	139.3757	151.9758	0.15	0.64783
20 0 2 4 1 o	38.7931	42.2742	179.29	0.64770
10 35 2 8 1 o	0.3876	0.4231	347.06	0.64768
15 20 4 8 1 o	28.2520	30.7995	181.93	0.64763
4 27 6 8 1 o	141.4839	154.5009	180.20	0.64755
20 1 2 8 1 o	47.7843	52.0602	358.92	0.64751
17 18 3 8 1 o	17.3284	18.8696	1.03	0.64733
13 32 1 8 1 o	752.2831	819.7006	0.52	0.64731
10 26 5 8 1 o	11.2337	12.2357	178.15	0.64730
20 9 1 8 1 o	51.5984	56.1673	179.56	0.64728
3 5 8 8 1 o	282.7696	307.6650	0.80	0.64715
3 40 2 8 1 o	153.6569	166.9170	0.59	0.64704
7 16 7 8 1 o	89.2179	96.8949	0.57	0.64702
20 2 2 8 1 o	17.4273	18.9175	0.42	0.64696
18 0 4 4 1 o	861.2998	934.4203	0.66	0.64685
10 7 7 8 1 o	18.6723	20.2334	180.34	0.64679
8 14 7 8 1 o	509.1934	551.4586	0.77	0.64679
2 21 7 8 1 o	137.2743	148.5372	180.63	0.64678
0 8 8 4 1 o	66.8300	72.2556	0.35	0.64674
15 13 5 8 1 o	0.1855	0.2009	170.24	0.64668
18 1 4 8 1 o	855.1124	926.3123	0.82	0.64667
17 12 4 8 1 o	216.5172	234.4009	180.13	0.64665
12 34 0 4 1 o	131.7212	142.2692	0.11	0.64662
3 41 1 8 1 o	623.3148	673.6960	180.03	0.64662
4 0 8 4 1 o	138.0062	148.7445	359.96	0.64649
2 7 8 8 1 o	60.8729	65.5736	0.63	0.64649
14 0 6 4 1 o	2489.9106	2692.9529	180.86	0.64645
2 28 6 8 1 o	18.0482	19.4279	0.85	0.64644
0 33 5 4 1 o	54.1107	58.2661	181.58	0.64643
14 17 5 8 1 o	4.6291	4.9975	359.14	0.64638
11 35 1 8 1 o	26.2516	28.2688	0.71	0.64638
4 32 5 8 1 o	312.0446	335.8097	181.12	0.64637

4 38 3 8 1 o	10.7093	11.5318	180.37	0.64634
4 1 8 8 1 o	63.5282	68.3177	182.27	0.64630
14 1 6 8 1 o	24.0182	25.9471	0.61	0.64626
13 20 5 8 1 o	86.1348	92.8333	0.34	0.64624
19 6 3 8 1 o	859.1935	927.1108	180.78	0.64622
14 29 2 8 1 o	191.5331	205.9328	0.48	0.64620
18 2 4 8 1 o	233.8926	252.4783	0.48	0.64611
5 35 4 8 1 o	0.7666	0.8232	188.27	0.64607
6 40 0 4 1 o	186.5659	200.5704	0.70	0.64606
20 3 2 8 1 o	706.9609	761.7226	0.73	0.64603
7 39 1 8 1 o	48.7229	52.3509	179.42	0.64600
1 8 8 8 1 o	68.8699	73.7940	0.25	0.64598
16 26 1 8 1 o	1246.4204	1338.1311	180.89	0.64597
19 13 2 8 1 o	75.0523	80.7646	180.65	0.64589
4 2 8 8 1 o	125.9555	135.0612	0.46	0.64575
5 19 7 8 1 o	5.0699	5.4362	0.65	0.64572
14 2 6 8 1 o	3.8654	4.1720	177.92	0.64571
7 38 2 8 1 o	21.9129	23.5340	180.41	0.64568
1 33 5 8 1 o	1081.0078	1159.0433	0.67	0.64567
14 23 4 8 1 o	140.4605	151.0816	181.44	0.64567
18 20 1 8 1 o	0.3020	0.3245	168.09	0.64567
16 7 5 8 1 o	0.1873	0.2024	177.82	0.64546
4 20 7 8 1 o	27.9512	30.0389	181.55	0.64531
18 3 4 8 1 o	456.2140	493.9295	180.85	0.64519
18 18 2 8 1 o	1273.8107	1375.3098	0.54	0.64516
3 6 8 8 1 o	87.0323	93.7693	359.25	0.64512
6 37 3 8 1 o	246.5599	266.0579	0.10	0.64511
3 36 4 8 1 o	657.4166	709.9630	1.02	0.64503
15 27 2 8 1 o	118.9598	128.5426	0.51	0.64502
10 20 6 8 1 o	56.4676	61.1268	180.88	0.64496
4 3 8 8 1 o	179.4706	194.4117	0.51	0.64483
14 3 6 8 1 o	87.4186	95.1120	359.97	0.64479
16 17 4 8 1 o	1569.6431	1706.6960	0.80	0.64475
20 4 2 8 1 o	28.2428	30.7179	1.01	0.64474
11 32 3 8 1 o	54.2640	58.9262	180.61	0.64473
11 29 4 8 1 o	3.2112	3.4963	0.84	0.64461
11 34 2 8 1 o	65.2613	71.0717	181.13	0.64458
18 14 3 8 1 o	1.5766	1.7193	359.07	0.64458
13 11 6 8 1 o	72.5464	79.2946	180.49	0.64446
13 31 2 8 1 o	3.8138	4.1694	181.85	0.64440
7 30 5 8 1 o	86.7898	94.9075	181.15	0.64439
19 16 1 8 1 o	3.2359	3.5415	1.41	0.64436
6 18 7 8 1 o	0.3931	0.4310	1.45	0.64427
0 39 3 4 1 o	486.2355	534.1222	0.82	0.64419
12 15 6 8 1 o	34.7624	38.2400	180.22	0.64411
10 8 7 8 1 o	50.8429	56.0247	359.23	0.64403
8 29 5 8 1 o	15.5209	17.1314	359.09	0.64398
18 4 4 8 1 o	67.1709	74.1513	0.64	0.64390
19 7 3 8 1 o	27.0422	29.8998	180.15	0.64383
9 22 6 8 1 o	8.7198	9.6621	180.19	0.64379
20 10 1 8 1 o	1.4359	1.5905	173.79	0.64377
2 8 8 8 1 o	9.2753	10.3048	180.43	0.64373
15 29 0 4 1 o	179.2428	198.9876	0.68	0.64373
9 12 7 8 1 o	125.4649	139.5285	180.22	0.64358

4	4	8	8	1	o	47.5917	53.0639	0.37	0.64355
14	4	6	8	1	o	175.8907	195.4786	0.62	0.64350
1	39	3	8	1	o	46.1594	51.5254	180.04	0.64344
2	33	5	8	1	o	41.2522	46.1187	2.12	0.64343
11	18	6	8	1	o	192.5720	215.6863	0.65	0.64318
19	17	0	4	1	o	483.6515	542.8126	181.43	0.64313
20	5	2	8	1	o	41.2341	46.2050	359.48	0.64309
3	21	7	8	1	o	531.1782	599.0204	180.64	0.64303
6	31	5	8	1	o	27.8904	31.4603	180.22	0.64294
0	42	0	2	1	o	1353.8988	1523.4696	0.81	0.64294
1	9	8	8	1	o	6.6390	7.5119	0.83	0.64286
3	7	8	8	1	o	4.7432	5.3742	1.70	0.64274

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
!@#\$%^&*()_+{ }:"~<>?|\-=[];`,./