

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

'Garc\'ia-Romero, E.'
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37008 Salamanca, Spain
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'da Silva, I.'
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SpLine - Spanish CRG Beamline at the ESRF
6, Rue Jules Horowitz, BP 220
38043 Grenoble Cedex 09
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'Fuentes Montero, L.'
;
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'Mart\'inez-Criado, G.'
;
European Synchrotron Radiation Facility,
6 rue Jules Horowitz, 38000 Grenoble, France
;

#=====

data_BAT225

#=====

5. CHEMICAL DATA

```
_chemical_name_systematic
; ?
;
_chemical_name_common      ?
_chemical_formula_moiety    'Mg7.184 O38 Si12'
_chemical_formula_structural ?
_chemical_formula_analytical ?
_chemical_formula_iupac     ?
_chemical_formula_sum       'Mg7.184 O38 Si12'
_chemical_formula_weight    1119.610
_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 13.2608(15)
_cell_length_b 27.0559(15)
_cell_length_c 5.2671(2)
_cell_angle_alpha 90.00000
_cell_angle_beta 90.00000
_cell_angle_gamma 90.00000
_cell_volume 1889.8(2)
_cell_formula_units_Z 2
_cell_measurement_temperature 498
_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 1.967

#=====

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 498
_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 2.11975
_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 6.7840
_pd_proc_ls_prof_wR_factor 10.3198
_pd_proc_ls_prof_wR_expected 0.7998

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 12.7360
_pd_proc_ls_prof_cwR_factor 17.2143
_pd_proc_ls_prof_cwR_expected 1.3341

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

_pd_proc_ls_prof_chi2 166.4924
_pd_proc_ls_prof_echi2 166.4924

Items related to LS refinement

_refine_ls_goodness_of_fit_all 13.0
_refine_ls_R_I_factor 3.1715
_refine_ls_number_reflns 3937
_refine_ls_number_parameters 58
_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 2.1292
_pd_proc_2theta_range_max 80.0094
_pd_proc_2theta_range_inc 0.020005
_pd_proc_wavelength 0.826300

_pd_block_diffraction_id BAT225_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 0.1917(9) 0.0296(7) 0.583(3) 0.0057(7) 1.00000 Uiso SI
SI2 0.2061(12) 0.1421(5) 0.564(3) 0.0057(7) 1.00000 Uiso SI
SI3 0.2131(11) 0.1943(5) 0.073(3) 0.0057(7) 1.00000 Uiso SI
Mg1 0.00000 0.0228(13) 0.25000 0.017(3) 0.89800 Uiso MG
Mg2 0.00000 0.0903(13) 0.75000 0.017(3) 0.89800 Uiso MG
Mg3 0.00000 0.1482(12) 0.25000 0.017(3) 0.89800 Uiso MG
Mg4 0.00000 0.2023(11) 0.75000 0.017(3) 0.89800 Uiso MG
O9 0.25000 0.25000 0.103(9) 0.014(2) 1.00000 Uiso O
O1 0.092(2) 0.0262(16) 0.576(8) 0.014(2) 1.00000 Uiso O
O3 0.076(2) 0.1490(12) 0.560(7) 0.014(2) 1.00000 Uiso O
O4 0.110(2) 0.1967(11) 0.078(8) 0.014(2) 1.00000 Uiso O
O5 0.263(3) 0.0053(12) 0.344(8) 0.014(2) 1.00000 Uiso O
O6 0.236(2) 0.0933(12) 0.582(6) 0.014(2) 1.00000 Uiso O
O7 0.265(2) 0.1648(12) 0.326(7) 0.014(2) 1.00000 Uiso O
O8 0.268(3) 0.1672(14) 0.787(6) 0.014(2) 1.00000 Uiso O
O2 0.081(2) 0.0863(15) 0.070(6) 0.014(2) 1.00000 Uiso O
O10 0.061(2) 0.2519(10) 0.598(6) 0.014(2) 1.00000 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_BAT225_profile

```
_pd_block_id  BAT225_profile
_pd_proc_ls_peak_cutoff 0.00500
_pd_calc_method "  Rietveld Refinement"
```

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

```
_pd_meas_2theta_range_min    2.119750
_pd_meas_2theta_range_max    80.000000
_pd_meas_2theta_range_inc    0.020005
_pd_proc_2theta_range_min    2.129185
_pd_proc_2theta_range_max    80.009438
_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	2.5096	2039(8)	2010.7720	1887.6710
21	2.5296	1970(7)	2014.3728	1887.6710
22	2.5494	1927(7)	2033.1299	1902.6965
23	2.5696	1889(7)	2015.4575	1881.0597
24	2.5894	1893(7)	1998.2980	1859.8306
25	2.6093	1878(7)	1981.1658	1838.3977
26	2.6294	1839(7)	1964.1379	1816.8361
27	2.6494	1830(7)	1947.4062	1795.3707
28	2.6695	1807(7)	1930.8848	1773.8735
29	2.6894	1792(7)	1914.6625	1752.4404
30	2.7094	1794(7)	1898.7312	1731.0398
31	2.7292	1777(7)	1883.1627	1709.7463
32	2.7492	1767(7)	1867.7980	1688.3135
33	2.7692	1753(7)	1852.7404	1666.8484
34	2.7892	1749(7)	1838.0381	1645.3831
35	2.8093	1753(7)	1823.6556	1623.8214
36	2.8294	1734(7)	1809.6838	1602.2488
37	2.8494	1731(7)	1796.2310	1580.7837
38	2.8694	1728(7)	1783.2262	1559.2544
39	2.8895	1734(7)	1774.8093	1541.7954
40	2.9094	1735(7)	1770.2783	1527.6740
41	2.9295	1738(7)	1766.3541	1513.4679
42	2.9496	1744(7)	1763.1261	1499.2546
43	2.9696	1753(7)	1760.6780	1485.1121
44	2.9897	1731(7)	1759.0703	1470.9272

45	3.0096	1759(7)	1758.4087	1456.8270
46	3.0297	1748(7)	1758.7998	1442.6421
47	3.0496	1787(7)	1760.3755	1428.5421
48	3.0697	1797(7)	1763.3230	1414.3571
49	3.0895	1815(7)	1767.7703	1400.3701
50	3.1095	1824(7)	1774.0706	1386.2277
51	3.1295	1826(7)	1782.4692	1372.0852
52	3.1496	1826(7)	1793.3357	1357.8506
53	3.1695	1847(7)	1806.7386	1343.7577
54	3.1896	1868(7)	1823.1251	1329.5656
55	3.2096	1894(7)	1842.6104	1315.4019
56	3.2294	1911(7)	1865.2446	1301.3937
57	3.2494	1925(7)	1891.7667	1287.2937
58	3.2693	1961(7)	1922.4236	1273.2218
59	3.2893	1987(8)	1958.1338	1259.0298
60	3.3093	2040(8)	1999.0172	1244.9368
61	3.3293	2079(8)	2046.2616	1230.7943
62	3.3493	2124(8)	2100.8447	1216.6023
63	3.3692	2177(8)	2162.8508	1202.5729
64	3.3895	2238(8)	2235.5066	1188.2324
65	3.4094	2327(8)	2316.6606	1174.1534
66	3.4295	2403(8)	2408.5078	1159.9049
67	3.4494	2529(8)	2506.6663	1145.8259
68	3.4694	2646(9)	2607.3257	1131.6835
69	3.4894	2788(9)	2703.1965	1117.5410
70	3.5095	2953(9)	2794.8096	1104.0031
71	3.5294	3120(9)	2894.7837	1090.9205
72	3.5494	3339(10)	3022.0652	1077.8184
73	3.5694	3583(10)	3190.5750	1064.7163
74	3.5895	3899(11)	3410.6362	1051.5551
75	3.6096	4264(11)	3689.8708	1038.4072
76	3.6295	4683(12)	4034.6680	1025.3901
77	3.6495	5225(12)	4461.6777	1012.2880
78	3.6694	5811(13)	4979.3911	999.2054
79	3.6894	6527(14)	5599.1123	986.1033
80	3.7095	7337(14)	6328.9062	972.9814
81	3.7295	8276(15)	7172.7539	959.8793
82	3.7495	9351(16)	8137.6616	946.7772
83	3.7693	10525(17)	9223.1914	933.7535
84	3.7895	11834(18)	10456.7188	920.5729
85	3.8095	13097(19)	11826.3135	907.4314
86	3.8296	14376(20)	13337.0254	894.2638
87	3.8495	15637(21)	14948.8623	881.2664
88	3.8694	16838(22)	16650.0098	868.1840
89	3.8894	17809(23)	18337.0684	855.1210
90	3.9093	18599(23)	19848.3906	842.0386
91	3.9293	19069(23)	20920.7207	828.9364
92	3.9493	19077(23)	21227.6680	815.8801
93	3.9694	18707(23)	20515.2324	802.6731
94	3.9894	17908(23)	18823.9824	791.5067
95	4.0094	16726(22)	16507.3184	782.7059
96	4.0293	15219(21)	14053.1709	773.9758
97	4.0493	13550(20)	11766.9473	765.1749
98	4.0693	11746(18)	9822.9512	756.3742

99	4.0893	10073(17)	8239.7393	747.5735
100	4.1093	8540(16)	6974.3296	738.7728
101	4.1293	7111(14)	5964.5127	729.9415
102	4.1492	5995(13)	5167.4570	721.2112
103	4.1692	5013(12)	4520.0625	712.3972
104	4.1893	4157(11)	3992.4709	703.5393
105	4.2094	3512(10)	3562.3503	694.7254
106	4.2295	2988(9)	3205.0610	685.8853
107	4.2495	2572(9)	2906.5764	677.0582
108	4.2694	2207(8)	2656.0933	668.2969
109	4.2894	1927(7)	2441.9443	659.5227
110	4.3095	1697(7)	2256.3059	650.6823
111	4.3294	1516(7)	2096.2925	641.8949
112	4.3495	1356(6)	1956.0508	633.0810
113	4.3693	1239(6)	1833.5491	624.3331
114	4.3892	1139(6)	1725.1946	615.6030
115	4.4092	1052(5)	1627.6957	606.7891
116	4.4294	1008(5)	1539.8123	597.9179
117	4.4495	944(5)	1461.8625	589.9729
118	4.4695	877(5)	1393.3542	583.7194
119	4.4894	831(5)	1331.5200	577.4941
120	4.5094	806(5)	1274.9576	571.2407
121	4.5294	767(5)	1223.2495	564.9872
122	4.5494	746(5)	1175.7930	558.7336
123	4.5693	731(5)	1132.2859	552.5114
124	4.5892	709(4)	1091.9731	546.2767
125	4.6093	690(4)	1054.3550	540.0044
126	4.6294	688(4)	1019.2898	533.7197
127	4.6495	677(4)	986.5851	527.4380
128	4.6695	668(4)	956.1093	521.1846
129	4.6896	649(4)	925.9941	514.8810
130	4.7096	632(4)	899.1535	508.6369
131	4.7294	604(4)	873.9808	502.4335
132	4.7494	582(4)	850.0379	496.1987
133	4.7695	555(4)	827.1641	489.9172
134	4.7894	524(4)	805.6182	483.6917
135	4.8095	504(4)	784.8510	477.3914
136	4.8296	491(4)	765.1130	471.1160
137	4.8495	474(4)	746.3683	464.8844
138	4.8695	464(4)	728.3431	458.6310
139	4.8895	443(4)	711.0913	452.3961
140	4.9095	452(4)	694.4517	446.1426
141	4.9296	439(4)	678.3226	439.8486
142	4.9494	429(3)	662.9860	433.6451
143	4.9695	423(3)	648.0244	427.3822
144	4.9895	424(3)	633.5269	421.1099
145	5.0095	410(3)	620.1381	415.4499
146	5.0295	399(3)	608.8333	411.4813
147	5.0495	396(3)	597.8835	407.5008
148	5.0694	396(3)	587.3744	403.5501
149	5.0893	389(3)	582.7370	399.5994
150	5.1093	382(3)	572.9383	395.6308
151	5.1295	381(3)	563.3516	391.6265
152	5.1495	374(3)	554.1292	387.6579

153	5.1696	374(3)	545.1227	383.6695
154	5.1896	366(3)	536.4058	379.7009
155	5.2096	367(3)	527.9184	375.7323
156	5.2296	361(3)	524.3869	371.7697
157	5.2495	359(3)	516.5240	367.8150
158	5.2695	361(3)	508.8353	363.8464
159	5.2895	354(3)	501.3612	359.8898
160	5.3093	353(3)	494.0908	355.9450
161	5.3294	352(3)	486.9194	351.9585
162	5.3493	350(3)	479.9792	348.0078
163	5.3693	349(3)	473.1683	344.0392
164	5.3895	352(3)	466.4727	340.0468
165	5.4095	345(3)	459.9672	336.0782
166	5.4295	340(3)	453.5876	332.0977
167	5.4494	342(3)	447.3958	328.1470
168	5.4694	337(3)	441.3130	324.1785
169	5.4895	334(3)	435.3560	320.2039
170	5.5094	337(3)	429.5490	316.2413
171	5.5295	332(3)	423.8557	312.2668
172	5.5495	337(3)	418.3012	308.2982
173	5.5695	328(3)	423.7898	304.3296
174	5.5897	325(3)	420.6169	300.3460
175	5.6096	330(3)	419.7948	298.6669
176	5.6296	334(3)	419.0334	296.9828
177	5.6496	335(3)	418.3434	295.3013
178	5.6694	335(3)	417.7351	293.6308
179	5.6894	335(3)	417.2091	291.9467
180	5.7094	328(3)	416.7813	290.2626
181	5.7294	332(3)	416.4642	288.5786
182	5.7494	327(3)	416.2725	286.8945
183	5.7694	336(3)	416.2567	285.2104
184	5.7894	330(3)	416.3719	283.5264
185	5.8095	337(3)	416.6752	281.8398
186	5.8295	336(3)	417.1974	280.1507
187	5.8495	340(3)	417.9713	278.4666
188	5.8694	342(3)	419.0327	276.7952
189	5.8893	345(3)	420.4488	275.1136
190	5.9093	344(3)	422.2768	273.4355
191	5.9292	346(3)	424.6041	271.7565
192	5.9493	359(3)	427.5682	270.0615
193	5.9693	362(3)	431.2643	268.3774
194	5.9894	369(3)	435.9158	266.6858
195	6.0093	380(3)	441.6958	265.0093
196	6.0293	391(3)	448.9752	263.3311
197	6.0494	406(3)	458.2866	261.6386
198	6.0694	421(3)	470.1919	259.9495
199	6.0894	449(4)	485.5604	258.2654
200	6.1093	479(4)	505.5833	256.5890
201	6.1293	502(4)	532.1557	254.9049
202	6.1492	545(4)	567.0266	253.2343
203	6.1691	598(4)	612.7833	251.5578
204	6.1891	661(4)	671.5105	249.8738
205	6.2091	727(5)	744.5051	248.1872
206	6.2292	799(5)	832.8782	246.4955

207	6.2493	877(5)	836.4337	244.8064
208	6.2692	959(5)	952.3360	243.1299
209	6.2892	1026(5)	1074.2030	241.4459
210	6.3093	1081(6)	1182.0229	239.7542
211	6.3292	1081(6)	1237.6516	238.0752
212	6.3493	1051(5)	1202.3125	236.3861
213	6.3691	1012(5)	1078.3289	234.7147
214	6.3892	930(5)	915.5399	233.0256
215	6.4093	841(5)	765.9315	231.3280
216	6.4294	750(5)	650.0406	229.6364
217	6.4495	668(4)	565.7430	227.9498
218	6.4696	587(4)	504.9634	226.2523
219	6.4896	528(4)	461.7494	224.5707
220	6.5096	476(4)	430.3692	222.8842
221	6.5295	434(4)	407.6406	221.2085
222	6.5495	407(3)	391.0204	219.5295
223	6.5695	385(3)	378.9975	217.8454
224	6.5893	365(3)	370.6367	216.1715
225	6.6094	354(3)	365.1312	214.4798
226	6.6294	347(3)	362.6812	213.3420
227	6.6494	341(3)	363.6996	213.4789
228	6.6693	336(3)	366.7353	213.6151
229	6.6894	344(3)	371.7676	213.7521
230	6.7094	342(3)	378.8266	213.8894
231	6.7292	343(3)	387.8763	214.0247
232	6.7491	343(3)	399.2726	214.1609
233	6.7691	355(3)	413.3142	214.2977
234	6.7892	373(3)	430.4275	214.4352
235	6.8093	393(3)	451.1147	214.5729
236	6.8293	410(3)	475.8292	214.7097
237	6.8494	432(4)	505.5475	214.8467
238	6.8694	471(4)	541.2815	214.9840
239	6.8895	507(4)	584.0957	215.1210
240	6.9095	558(4)	635.4517	215.2582
241	6.9295	614(4)	696.4880	215.3951
242	6.9496	674(4)	768.8553	215.5324
243	6.9696	743(5)	852.8029	215.6692
244	6.9897	826(5)	949.0063	215.8069
245	7.0097	908(5)	1054.8444	215.9437
246	7.0297	996(5)	1167.6340	216.0805
247	7.0496	1075(6)	1281.0599	216.2167
248	7.0695	1153(6)	1386.4197	216.3529
249	7.0895	1231(6)	1471.4412	216.4893
250	7.1095	1287(6)	1521.9325	216.6261
251	7.1296	1323(6)	1525.9044	216.7640
252	7.1495	1340(6)	1480.0718	216.9002
253	7.1695	1328(6)	1391.3823	217.0370
254	7.1896	1307(6)	1274.8402	217.1743
255	7.2095	1260(6)	1148.8824	217.3107
256	7.2295	1194(6)	1026.0564	217.4471
257	7.2495	1117(6)	913.9784	217.5839
258	7.2693	1031(5)	817.1089	217.7194
259	7.2892	955(5)	734.0555	217.8558
260	7.3093	871(5)	663.6422	217.9936

261	7.3293	794(5)	605.2275	218.1304
262	7.3494	732(5)	556.3868	218.2674
263	7.3694	666(4)	515.5802	218.4042
264	7.3894	611(4)	481.1971	218.5415
265	7.4094	565(4)	452.3345	218.6779
266	7.4294	528(4)	427.6758	218.8151
267	7.4495	489(4)	406.6539	218.9522
268	7.4695	458(4)	388.6254	219.0890
269	7.4895	430(4)	373.0525	219.2258
270	7.5094	409(3)	355.6078	219.3620
271	7.5295	394(3)	343.8793	219.4995
272	7.5494	385(3)	333.6682	219.6361
273	7.5695	371(3)	324.6318	219.7735
274	7.5896	361(3)	316.6616	219.9108
275	7.6095	348(3)	309.6654	220.0468
276	7.6295	336(3)	303.4007	220.1836
277	7.6495	323(3)	297.8147	220.3204
278	7.6695	328(3)	292.8235	220.4573
279	7.6896	314(3)	288.3298	220.5950
280	7.7094	318(3)	284.3644	220.7307
281	7.7294	311(3)	280.7862	220.8675
282	7.7495	309(3)	277.8011	221.2191
283	7.7694	306(3)	276.0269	222.4191
284	7.7895	303(3)	274.5724	223.6262
285	7.8095	301(3)	273.4315	224.8279
286	7.8295	300(3)	272.5755	226.0260
287	7.8496	300(3)	271.9657	227.2355
288	7.8694	297(3)	271.5730	228.4240
289	7.8893	292(3)	271.3214	229.6239
290	7.9093	299(3)	271.1272	230.8214
291	7.9294	283(3)	270.8806	232.0292
292	7.9494	291(3)	270.4896	233.2345
293	7.9694	289(3)	269.9290	234.4362
294	7.9894	290(3)	269.2623	235.6343
295	8.0095	289(3)	268.5918	236.8414
296	8.0294	290(3)	268.0198	238.0414
297	8.0493	288(3)	267.5924	239.2334
298	8.0692	281(3)	267.3146	240.4315
299	8.0893	283(3)	267.1784	241.6411
300	8.1093	278(3)	267.1695	242.8428
301	8.1293	275(3)	267.2690	244.0445
302	8.1492	282(3)	267.4595	245.2366
303	8.1692	274(3)	267.7314	246.4401
304	8.1894	276(3)	268.0750	247.6515
305	8.2095	274(3)	268.4784	248.8586
306	8.2296	274(3)	268.9364	250.0681
307	8.2494	268(3)	269.4049	251.2602
308	8.2694	265(3)	271.2544	252.4583
309	8.2895	274(3)	271.8868	253.6654
310	8.3095	268(3)	272.5558	254.8707
311	8.3295	271(3)	273.2552	256.0688
312	8.3494	269(3)	273.9876	257.2688
313	8.3693	271(3)	274.7447	258.4609
314	8.3892	272(3)	274.6365	258.7618

315	8.4094	276(3)	274.1484	258.6606
316	8.4294	273(3)	273.6882	258.5598
317	8.4494	265(3)	273.2548	258.4597
318	8.4695	268(3)	272.8402	258.3586
319	8.4894	274(3)	272.4527	258.2586
320	8.5094	274(3)	272.0861	258.1585
321	8.5294	272(3)	271.7384	258.0577
322	8.5493	271(3)	271.4149	257.9581
323	8.5693	276(3)	271.1081	257.8573
324	8.5893	273(3)	270.8236	257.7573
325	8.6093	277(3)	270.5573	257.6565
326	8.6293	274(3)	270.3124	257.5561
327	8.6494	271(3)	270.0878	257.4555
328	8.6695	277(3)	270.8605	257.3543
329	8.6897	279(3)	270.7600	257.2531
330	8.7096	277(3)	270.8339	257.1531
331	8.7294	273(3)	270.8093	257.0535
332	8.7493	282(3)	270.8254	256.9536
333	8.7694	277(3)	270.8881	256.8527
334	8.7894	279(3)	271.1596	256.7522
335	8.8095	279(3)	271.3402	256.6514
336	8.8296	278(3)	271.5938	256.5504
337	8.8495	285(3)	271.9308	256.4505
338	8.8696	286(3)	272.3768	256.3497
339	8.8895	288(3)	272.9496	256.2500
340	8.9095	284(3)	274.1971	256.6480
341	8.9295	288(3)	275.8782	257.2556
342	8.9495	285(3)	277.8660	257.8613
343	8.9695	291(3)	280.3150	258.4688
344	8.9896	295(3)	283.4987	259.0803
345	9.0095	298(3)	287.8546	259.6857
346	9.0295	298(3)	294.3931	260.2932
347	9.0495	307(3)	304.4617	260.8989
348	9.0694	324(3)	319.1072	261.5056
349	9.0893	335(3)	339.1370	262.1104
350	9.1094	361(3)	366.4903	262.7206
351	9.1295	383(3)	402.1774	263.3309
352	9.1495	397(3)	437.0405	263.9384
353	9.1696	406(3)	430.4366	264.5490
354	9.1896	406(3)	382.1293	265.1565
355	9.2096	388(3)	355.2222	265.7640
356	9.2297	375(3)	338.0046	266.3734
357	9.2495	370(3)	336.7239	266.9761
358	9.2695	370(3)	341.8549	267.5818
359	9.2894	387(3)	352.2239	268.1884
360	9.3094	399(3)	368.0356	268.7959
361	9.3295	419(3)	390.0952	269.4044
362	9.3494	444(4)	419.0195	270.0110
363	9.3694	474(4)	454.8652	270.6185
364	9.3894	499(4)	495.8258	271.2261
365	9.4095	521(4)	537.1132	271.8363
366	9.4294	547(4)	568.1954	272.3104
367	9.4495	550(4)	576.2914	272.6808
368	9.4694	536(4)	554.4736	273.0500

369	9.4895	515(4)	511.7700	273.4204
370	9.5094	486(4)	465.4837	273.7885
371	9.5295	455(4)	425.6608	274.1600
372	9.5494	426(3)	395.8471	274.5292
373	9.5696	405(3)	373.6751	274.9026
374	9.5897	387(3)	357.9124	275.2740
375	9.6096	381(3)	346.8065	275.6422
376	9.6296	370(3)	338.9480	276.0114
377	9.6495	366(3)	333.6047	276.3799
378	9.6694	357(3)	330.2202	276.7481
379	9.6895	357(3)	327.8217	277.1185
380	9.7094	356(3)	327.6311	277.4877
381	9.7295	359(3)	328.8574	277.8581
382	9.7493	363(3)	331.3835	278.2257
383	9.7694	365(3)	335.0457	278.5971
384	9.7895	375(3)	340.7805	278.9686
385	9.8095	368(3)	344.8232	279.3373
386	9.8296	373(3)	347.3205	279.7095
387	9.8494	372(3)	347.5900	280.0764
388	9.8694	377(3)	346.6231	280.4462
389	9.8893	376(3)	346.1711	280.8143
390	9.9092	367(3)	347.3122	281.1818
391	9.9293	368(3)	350.2426	281.5527
392	9.9492	374(3)	367.0502	281.3937
393	9.9694	368(3)	370.6960	280.1942
394	9.9894	373(3)	373.4302	279.0111
395	10.0094	377(3)	374.1727	277.8246
396	10.0293	374(3)	372.9047	276.6405
397	10.0493	378(3)	370.9087	275.4539
398	10.0693	386(3)	369.6774	274.2674
399	10.0894	385(3)	370.2343	273.0750
400	10.1093	387(3)	372.5383	271.8943
401	10.1293	391(3)	376.8614	270.7078
402	10.1492	404(3)	383.2761	269.5272
403	10.1690	404(3)	391.9788	268.3525
404	10.1891	415(3)	403.5616	267.1601
405	10.2091	430(4)	418.3771	265.9735
406	10.2292	441(4)	437.3030	264.7811
407	10.2492	465(4)	461.1179	263.5945
408	10.2691	490(4)	491.0774	262.4140
409	10.2892	531(4)	529.9266	261.2215
410	10.3092	575(4)	581.3508	260.0349
411	10.3292	637(4)	651.8257	258.8484
412	10.3492	732(5)	748.2646	257.8341
413	10.3692	841(5)	877.6829	257.8780
414	10.3891	982(5)	1038.6587	257.9216
415	10.4093	1133(6)	1209.9863	257.9658
416	10.4294	1286(6)	1331.2549	258.0099
417	10.4494	1428(6)	1414.4308	258.0537
418	10.4697	1535(7)	1504.4095	258.0982
419	10.4896	1604(7)	1563.9731	258.1418
420	10.5096	1605(7)	1541.5759	258.1856
421	10.5294	1556(7)	1425.0735	258.2290
422	10.5494	1428(6)	1252.0787	258.2728

423	10.5694	1269(6)	1076.9202	258.3166
424	10.5893	1119(6)	930.6634	258.3602
425	10.6094	976(5)	818.1230	258.4043
426	10.6294	849(5)	737.2311	258.4481
427	10.6494	759(5)	681.7316	259.2382
428	10.6693	690(4)	645.0795	260.7668
429	10.6893	638(4)	624.6073	262.3031
430	10.7094	617(4)	616.7373	263.8470
431	10.7291	602(4)	620.0085	265.3603
432	10.7491	608(4)	634.0192	266.8967
433	10.7692	611(4)	659.3975	268.4406
434	10.7892	636(4)	697.2946	269.9770
435	10.8093	676(4)	750.7382	271.5209
436	10.8292	727(5)	823.2223	273.0496
437	10.8493	820(5)	923.4385	274.5935
438	10.8694	961(5)	1062.1575	276.1375
439	10.8896	1174(6)	1259.3145	277.6892
440	10.9094	1464(6)	1523.0715	279.2101
441	10.9294	1823(7)	1877.1058	280.7464
442	10.9495	2243(8)	2318.1162	282.2904
443	10.9697	2675(9)	2803.6604	283.8421
444	10.9896	2993(9)	3210.0220	285.3707
445	11.0097	3148(10)	3358.3765	286.9147
446	11.0297	3083(9)	3116.7319	288.4510
447	11.0496	2825(9)	2607.9014	289.9796
448	11.0695	2458(8)	2069.8638	291.5082
449	11.0894	2035(8)	1632.0626	293.0369
450	11.1094	1677(7)	1311.4930	294.5732
451	11.1296	1341(6)	1082.3707	296.1248
452	11.1494	1103(6)	922.7200	297.6458
453	11.1696	946(5)	805.0714	299.1974
454	11.1895	820(5)	719.7991	300.7261
455	11.2096	726(5)	655.1387	302.2701
456	11.2294	661(4)	606.4628	303.7910
457	11.2494	609(4)	568.3153	305.3273
458	11.2692	568(4)	538.6866	306.8483
459	11.2892	537(4)	515.0233	308.3846
460	11.3093	529(4)	496.1842	309.9286
461	11.3293	511(4)	481.2261	311.4648
462	11.3493	499(4)	469.5615	312.9746
463	11.3693	499(4)	460.0082	313.9202
464	11.3893	483(4)	452.7688	314.8657
465	11.4094	474(4)	447.5756	315.8160
466	11.4294	473(4)	444.2623	316.7616
467	11.4494	465(4)	442.8249	317.7072
468	11.4694	470(4)	447.8143	318.6527
469	11.4894	469(4)	449.9774	319.5983
470	11.5093	471(4)	453.6617	320.5392
471	11.5295	470(4)	458.6662	321.4942
472	11.5494	464(4)	464.2895	322.4351
473	11.5696	460(4)	469.8228	323.3901
474	11.5894	460(4)	473.9769	324.3262
475	11.6095	452(4)	475.7884	325.2765
476	11.6294	459(4)	474.5122	326.2173

477	11.6495	449(4)	470.1125	327.1676
478	11.6694	451(4)	463.4952	328.1085
479	11.6894	460(4)	455.7665	329.0541
480	11.7094	451(4)	448.0798	329.9997
481	11.7294	449(4)	441.4592	330.9453
482	11.7495	457(4)	435.8765	331.8955
483	11.7693	454(4)	431.8404	332.8317
484	11.7895	449(4)	429.3032	333.7867
485	11.8095	460(4)	428.4274	334.7323
486	11.8296	451(4)	424.6082	335.6826
487	11.8494	453(4)	427.4721	336.6187
488	11.8694	453(4)	432.4011	337.5642
489	11.8892	455(4)	440.1827	338.5004
490	11.9093	463(4)	448.6758	339.4507
491	11.9293	468(4)	457.1903	340.3963
492	11.9494	473(4)	463.3071	341.3466
493	11.9693	462(4)	464.9951	342.2874
494	11.9894	464(4)	463.0574	343.2377
495	12.0094	464(4)	459.6318	344.1833
496	12.0293	460(4)	455.9412	345.1241
497	12.0492	460(4)	452.1398	346.0650
498	12.0693	451(4)	448.5737	347.0153
499	12.0892	450(4)	445.7094	347.9561
500	12.1093	448(4)	434.7006	348.9065
501	12.1293	455(4)	434.3896	349.8520
502	12.1491	455(4)	435.2254	350.7881
503	12.1692	455(4)	436.2389	350.7535
504	12.1894	459(4)	437.9468	350.2668
505	12.2095	467(4)	440.7727	349.7824
506	12.2294	464(4)	444.7009	349.3029
507	12.2494	462(4)	449.8456	348.8210
508	12.2693	470(4)	456.2655	348.3416
509	12.2895	475(4)	464.2773	347.8548
510	12.3095	467(4)	473.9270	347.3729
511	12.3293	492(4)	485.4706	346.8959
512	12.3494	504(4)	499.6337	346.4115
513	12.3692	516(4)	516.5370	345.9344
514	12.3893	545(4)	537.6817	345.4501
515	12.4092	576(4)	563.0676	344.9706
516	12.4293	610(4)	594.7921	344.4863
517	12.4494	651(4)	634.4545	344.0020
518	12.4695	709(5)	684.4379	343.5177
519	12.4895	784(5)	747.1792	343.0358
520	12.5093	875(5)	824.6852	342.5587
521	12.5293	972(5)	920.0122	342.0768
522	12.5493	1065(6)	1030.7758	341.5949
523	12.5693	1195(6)	1151.5164	341.1130
524	12.5892	1297(6)	1279.0978	340.6335
525	12.6092	1411(6)	1416.6895	340.1516
526	12.6293	1524(7)	1560.5396	339.6673
527	12.6494	1618(7)	1699.8282	339.1830
528	12.6696	1686(7)	1820.0602	338.6963
529	12.6896	1722(7)	1893.0924	338.2144
530	12.7095	1708(7)	1881.7966	337.7349

531	12.7293	1650(7)	1763.3960	337.2578
532	12.7494	1560(7)	1560.5085	336.7735
533	12.7694	1444(6)	1337.1731	336.2916
534	12.7894	1321(6)	1140.8523	335.8097
535	12.8095	1176(6)	980.9331	335.3253
536	12.8296	1044(5)	858.4332	334.8410
537	12.8496	931(5)	766.0183	334.3591
538	12.8694	841(5)	696.2504	333.8821
539	12.8896	748(5)	641.5067	333.3953
540	12.9094	680(4)	599.8201	332.9183
541	12.9296	635(4)	566.6725	332.6032
542	12.9494	593(4)	541.3405	332.5984
543	12.9695	565(4)	521.4492	332.5934
544	12.9895	530(4)	506.3053	332.5885
545	13.0096	505(4)	495.2769	332.5836
546	13.0294	485(4)	486.5097	332.5787
547	13.0494	465(4)	478.9081	332.5738
548	13.0694	459(4)	470.7861	332.5689
549	13.0893	452(4)	461.8192	332.5640
550	13.1094	443(4)	453.1507	332.5591
551	13.1295	441(4)	446.0868	332.5541
552	13.1495	429(4)	440.9630	332.5492
553	13.1696	427(4)	437.5946	332.5443
554	13.1896	426(4)	435.8381	332.5394
555	13.2096	424(3)	435.5802	332.5345
556	13.2296	434(4)	436.8469	332.5296
557	13.2495	429(4)	439.7118	332.5247
558	13.2694	436(4)	444.4139	332.5198
559	13.2893	451(4)	451.2921	332.5149
560	13.3094	467(4)	460.9184	332.5100
561	13.3294	489(4)	473.7394	332.5051
562	13.3493	502(4)	490.2826	332.5002
563	13.3695	528(4)	511.2794	332.4952
564	13.3893	558(4)	535.5826	332.4904
565	13.4095	586(4)	562.2943	332.4854
566	13.4294	600(4)	586.3635	332.4805
567	13.4494	623(4)	602.9459	332.4756
568	13.4695	622(4)	606.2336	332.4706
569	13.4893	616(4)	594.8359	332.4658
570	13.5094	598(4)	572.3027	332.4608
571	13.5294	573(4)	545.5101	332.4559
572	13.5494	550(4)	519.7751	332.4510
573	13.5696	524(4)	497.6415	332.4461
574	13.5896	502(4)	480.2496	332.4412
575	13.6096	486(4)	467.0638	332.4362
576	13.6296	484(4)	457.4874	332.4313
577	13.6495	475(4)	450.9711	332.4265
578	13.6694	468(4)	447.0193	332.4216
579	13.6895	460(4)	445.7739	332.4166
580	13.7094	446(4)	446.2713	332.4117
581	13.7294	434(4)	448.9039	332.4068
582	13.7493	423(4)	453.3542	332.4019
583	13.7694	426(4)	460.3515	332.3970
584	13.7894	428(4)	469.5607	332.7877

585	13.8095	424(3)	479.7885	333.1803
586	13.8295	428(4)	489.3034	333.5709
587	13.8494	439(4)	496.1354	333.9596
588	13.8693	442(4)	499.1625	334.3484
589	13.8893	442(4)	499.1016	334.7390
590	13.9092	440(4)	498.1458	335.1277
591	13.9292	458(4)	498.4344	335.5184
592	13.9493	463(4)	501.2318	335.9110
593	13.9693	468(4)	506.9449	336.3016
594	13.9893	482(4)	511.0755	336.6923
595	14.0094	506(4)	522.7337	337.0849
596	14.0293	534(4)	537.0002	337.4736
597	14.0493	561(4)	554.2762	337.8643
598	14.0693	610(4)	575.0540	338.2549
599	14.0894	670(4)	600.2245	338.6476
600	14.1093	731(5)	630.2077	339.0363
601	14.1293	805(5)	666.2570	339.4269
602	14.1492	887(5)	708.7687	339.8156
603	14.1689	926(5)	758.0025	340.2004
604	14.1892	948(5)	816.2798	340.5970
605	14.2091	957(5)	880.4093	340.9857
606	14.2292	960(5)	948.3882	341.3783
607	14.2491	982(5)	1014.3092	341.7670
608	14.2692	1019(5)	1072.0049	342.1596
609	14.2892	1043(5)	1112.0459	342.5503
610	14.3093	1068(6)	1127.9740	342.9428
611	14.3292	1072(6)	1117.8229	343.3316
612	14.3492	1084(6)	1085.8162	343.7222
613	14.3692	1068(6)	1040.2568	344.1129
614	14.3892	1075(6)	989.9440	344.5035
615	14.4093	1025(5)	940.9066	344.8961
616	14.4293	976(5)	893.4890	345.2868
617	14.4496	922(5)	850.3293	345.6833
618	14.4696	864(5)	807.7504	346.0740
619	14.4896	809(5)	764.5391	346.4646
620	14.5095	762(5)	722.0179	345.7525
621	14.5295	731(5)	683.2118	344.3236
622	14.5494	698(4)	650.9463	342.9019
623	14.5694	677(4)	625.2451	341.4730
624	14.5894	668(4)	605.8022	340.0441
625	14.6093	657(4)	591.9623	338.6223
626	14.6294	643(4)	582.8970	337.1863
627	14.6494	629(4)	578.2480	335.7574
628	14.6693	601(4)	577.5489	334.3357
629	14.6894	580(4)	580.5153	332.8996
630	14.7093	565(4)	587.0355	331.4779
631	14.7291	553(4)	596.7837	330.0633
632	14.7491	568(4)	610.3160	328.6344
633	14.7692	585(4)	628.4199	327.1983
634	14.7892	618(4)	651.3604	325.7694
635	14.8092	653(4)	680.3060	324.3406
636	14.8292	698(4)	715.9666	322.9116
637	14.8494	761(5)	758.9452	321.4685
638	14.8694	819(5)	807.5054	320.0396

639	14.8895	878(5)	859.7766	318.6035
640	14.9094	944(5)	910.2756	317.1818
641	14.9295	997(5)	953.1600	315.7458
642	14.9495	1035(5)	979.9572	314.3169
643	14.9697	1045(6)	984.6175	312.8737
644	14.9897	1059(6)	965.0845	311.4448
645	15.0097	1034(6)	924.9020	310.0159
646	15.0296	992(5)	871.5093	308.5942
647	15.0497	946(5)	811.9999	307.1581
648	15.0696	867(5)	753.9641	305.7364
649	15.0894	809(5)	700.2477	304.3218
650	15.1095	746(5)	653.6808	302.8858
651	15.1295	679(4)	615.2144	301.4568
652	15.1494	631(4)	584.8251	300.0248
653	15.1696	582(4)	561.5038	298.4780
654	15.1896	535(4)	544.5912	296.9466
655	15.2096	496(4)	530.6847	295.4151
656	15.2294	471(4)	515.1012	293.8989
657	15.2493	445(4)	494.5325	292.3751
658	15.2692	416(3)	471.4798	290.8513
659	15.2892	403(3)	450.2975	289.3197
660	15.3093	389(3)	432.9847	287.7806
661	15.3293	372(3)	419.5770	286.2492
662	15.3494	364(3)	409.0608	284.7100
663	15.3693	369(3)	401.4030	283.1862
664	15.3894	366(3)	395.8826	281.6470
665	15.4094	363(3)	392.4223	280.1156
666	15.4294	363(3)	390.9955	278.5841
667	15.4494	380(3)	391.7823	277.0526
668	15.4694	391(3)	395.0476	275.5211
669	15.4894	404(3)	401.3930	273.9897
670	15.5094	427(4)	410.7510	272.4582
671	15.5294	451(4)	423.3797	270.9266
672	15.5494	468(4)	438.5063	269.3952
673	15.5694	484(4)	454.0351	267.8637
674	15.5896	500(4)	466.8004	266.3169
675	15.6094	508(4)	473.5894	264.8007
676	15.6295	504(4)	473.9604	263.2616
677	15.6494	491(4)	468.9353	261.7378
678	15.6694	489(4)	459.6584	260.2063
679	15.6894	464(4)	447.0170	258.6748
680	15.7094	440(4)	431.9657	257.1434
681	15.7294	415(3)	415.6031	255.6118
682	15.7494	398(3)	399.2671	254.0804
683	15.7694	382(3)	383.0998	252.5489
684	15.7894	370(3)	368.1595	251.0175
685	15.8095	353(3)	355.0483	249.4783
686	15.8295	345(3)	344.2414	247.9468
687	15.8494	343(3)	335.7504	246.4230
688	15.8693	331(3)	329.0403	244.8991
689	15.8892	318(3)	323.8477	243.3754
690	15.9093	300(3)	319.2658	241.8362
691	15.9293	298(3)	314.7899	240.3047
692	15.9493	295(3)	309.8035	238.7732

693	15.9694	290(3)	303.6338	237.2341
694	15.9894	294(3)	297.3121	235.7027
695	16.0094	281(3)	290.8334	234.1711
696	16.0293	282(3)	284.6386	232.6474
697	16.0492	279(3)	278.9410	231.1234
698	16.0693	275(3)	273.7836	229.5843
699	16.0892	269(3)	270.0118	228.8118
700	16.1093	266(3)	267.5636	228.1715
701	16.1293	263(3)	264.9226	227.5343
702	16.1490	264(3)	262.7010	226.9067
703	16.1693	267(3)	261.2333	226.2601
704	16.1894	264(3)	259.5223	225.6198
705	16.2094	270(3)	257.9962	224.9826
706	16.2294	266(3)	256.6432	224.3455
707	16.2494	270(3)	255.4961	223.7084
708	16.2694	272(3)	254.5845	223.0712
709	16.2894	277(3)	253.7123	222.4341
710	16.3094	279(3)	253.2918	221.7970
711	16.3294	284(3)	253.1154	221.1598
712	16.3494	291(3)	253.2213	220.5227
713	16.3693	292(3)	253.6781	219.8888
714	16.3892	280(3)	254.5683	219.2548
715	16.4092	282(3)	255.9752	218.6177
716	16.4293	272(3)	257.9594	217.9773
717	16.4494	270(3)	260.5094	217.3370
718	16.4695	264(3)	263.4994	216.6967
719	16.4894	257(3)	266.5769	216.0628
720	16.5093	253(3)	269.2341	215.4288
721	16.5293	261(3)	270.8164	214.7917
722	16.5492	257(3)	268.0733	214.1577
723	16.5693	256(3)	266.5139	213.5174
724	16.5892	256(3)	263.7624	212.8835
725	16.6092	248(3)	260.5870	212.2463
726	16.6293	250(3)	257.6560	211.6060
727	16.6494	246(3)	255.4136	210.9657
728	16.6695	249(3)	254.1665	210.3253
729	16.6896	249(3)	254.0583	209.6850
730	16.7094	251(3)	255.2189	209.0543
731	16.7293	257(3)	258.8194	209.4055
732	16.7494	257(3)	264.4454	210.0941
733	16.7694	264(3)	271.7174	210.7793
734	16.7894	269(3)	280.1883	211.4645
735	16.8094	277(3)	288.4595	212.1497
736	16.8294	279(3)	298.3594	212.8349
737	16.8496	279(3)	299.8072	213.5269
738	16.8696	286(3)	296.9410	214.2122
739	16.8894	291(3)	292.0407	214.8904
740	16.9094	294(3)	287.4269	215.5757
741	16.9294	297(3)	284.4741	216.2609
742	16.9494	297(3)	283.5547	216.9461
743	16.9695	302(3)	284.6431	217.6347
744	16.9896	297(3)	287.6090	218.3233
745	17.0094	295(3)	291.9452	219.0016
746	17.0294	302(3)	297.5096	219.6869

747	17.0494	297(3)	302.7599	220.3721
748	17.0694	300(3)	305.6427	221.0572
749	17.0893	296(3)	305.1844	221.7390
750	17.1094	297(3)	302.6562	222.4276
751	17.1294	303(3)	300.2220	223.1129
752	17.1495	295(3)	299.1525	223.7970
753	17.1697	297(3)	298.8290	223.5913
754	17.1897	304(3)	297.4780	223.3877
755	17.2097	301(3)	299.5101	223.1841
756	17.2294	303(3)	301.9490	222.9835
757	17.2495	301(3)	304.3568	222.7788
758	17.2694	303(3)	306.1588	222.5762
759	17.2894	306(3)	307.0090	222.3726
760	17.3094	296(3)	306.7513	222.1690
761	17.3294	306(3)	312.8309	221.9653
762	17.3494	304(3)	311.2207	221.7617
763	17.3694	305(3)	309.4606	221.5580
764	17.3893	304(3)	308.4980	221.3554
765	17.4094	304(3)	307.7173	221.1508
766	17.4295	304(3)	307.8637	220.9462
767	17.4495	308(3)	309.0811	220.7425
768	17.4694	312(3)	311.3818	220.5399
769	17.4893	323(3)	314.6401	220.3373
770	17.5094	325(3)	318.6716	220.1326
771	17.5294	337(3)	327.1299	219.9290
772	17.5495	346(3)	331.2178	219.7244
773	17.5696	358(3)	335.0931	219.5197
774	17.5896	363(3)	339.2536	219.3161
775	17.6096	372(3)	344.5399	219.1124
776	17.6296	381(3)	351.6588	218.9088
777	17.6496	400(3)	361.2550	218.7052
778	17.6694	405(3)	373.6337	218.5036
779	17.6894	426(4)	389.2990	218.3000
780	17.7094	449(4)	407.6201	218.0963
781	17.7294	464(4)	428.5347	217.8927
782	17.7494	482(4)	449.5694	217.6891
783	17.7694	495(4)	467.4914	217.4854
784	17.7895	508(4)	479.2715	217.2808
785	17.8094	523(4)	483.6373	217.0782
786	17.8296	529(4)	483.3382	216.8725
787	17.8494	541(4)	482.6039	216.6709
788	17.8694	550(4)	484.8104	216.4673
789	17.8893	553(4)	492.3102	216.2647
790	17.9092	558(4)	506.2191	216.0621
791	17.9292	576(4)	527.3392	215.8584
792	17.9493	598(4)	556.6794	215.6538
793	17.9692	634(4)	595.5582	215.4512
794	17.9894	671(4)	648.3179	215.2455
795	18.0094	736(5)	716.8487	215.0419
796	18.0294	813(5)	799.0677	214.8382
797	18.0492	892(5)	874.6051	214.6366
798	18.0693	997(5)	939.7739	214.4320
799	18.0893	1109(6)	1026.7894	214.2283
800	18.1094	1227(6)	1155.0029	214.0237

801	18.1293	1335(6)	1302.2263	213.8211
802	18.1491	1423(6)	1435.3044	213.6195
803	18.1690	1486(7)	1507.9633	213.4169
804	18.1891	1455(7)	1489.8931	213.2122
805	18.2092	1423(6)	1398.7191	212.7514
806	18.2292	1344(6)	1286.6322	212.2753
807	18.2492	1273(6)	1193.9453	211.7992
808	18.2692	1235(6)	1141.2561	211.3231
809	18.2893	1210(6)	1135.6025	210.8445
810	18.3092	1266(6)	1181.0154	210.3708
811	18.3291	1388(6)	1286.9529	209.8970
812	18.3492	1557(7)	1458.2771	209.4185
813	18.3692	1711(7)	1677.1244	208.9424
814	18.3891	1824(7)	1863.7988	208.4687
815	18.4093	1891(7)	1900.0240	207.9878
816	18.4294	1869(7)	1788.9493	207.5092
817	18.4496	1891(7)	1683.6359	207.0284
818	18.4696	1902(7)	1681.7740	206.5522
819	18.4896	1974(8)	1790.0022	206.0761
820	18.5095	2063(8)	1973.2930	205.6024
821	18.5295	2161(8)	2161.1611	205.1262
822	18.5495	2182(8)	2244.8157	204.6501
823	18.5694	2104(8)	2145.4614	204.1764
824	18.5893	1923(7)	1892.4500	203.7026
825	18.6093	1690(7)	1587.5184	203.2265
826	18.6294	1432(6)	1311.5649	202.7479
827	18.6494	1191(6)	1094.6011	202.2719
828	18.6694	987(5)	931.7648	201.7957
829	18.6893	818(5)	811.9164	201.3220
830	18.7093	689(4)	721.9758	200.8458
831	18.7292	595(4)	651.1393	200.3721
832	18.7491	529(4)	590.4698	199.8983
833	18.7692	469(4)	536.3302	199.4198
834	18.7892	427(4)	491.5981	198.9437
835	18.8092	398(3)	455.7244	198.4675
836	18.8293	376(3)	427.0708	197.9890
837	18.8493	355(3)	404.1955	197.5130
838	18.8694	343(3)	385.5400	197.0344
839	18.8894	329(3)	370.3555	196.5583
840	18.9094	315(3)	357.9266	196.0822
841	18.9296	307(3)	347.5440	195.6013
842	18.9495	301(3)	339.1299	195.1275
843	18.9696	297(3)	332.1559	194.6490
844	18.9897	292(3)	326.4931	194.1705
845	19.0097	286(3)	322.0427	193.6944
846	19.0297	290(3)	318.7447	193.2182
847	19.0496	290(3)	316.6365	192.7445
848	19.0696	289(3)	315.9196	192.2684
849	19.0894	285(3)	316.3423	191.7970
850	19.1094	287(3)	318.6227	191.8412
851	19.1294	289(3)	322.2581	191.8853
852	19.1496	294(3)	326.3387	191.9299
853	19.1695	290(3)	332.6810	191.9739
854	19.1896	303(3)	338.5811	192.0183

855	19.2095	313(3)	346.6709	192.0622
856	19.2293	327(3)	357.5597	192.1059
857	19.2493	345(3)	372.0285	192.1501
858	19.2692	361(3)	390.6964	192.1941
859	19.2893	400(3)	414.9625	192.2384
860	19.3092	441(4)	442.1157	192.2824
861	19.3293	485(4)	482.7740	192.3268
862	19.3493	549(4)	534.4530	192.3709
863	19.3693	623(4)	598.9898	192.4151
864	19.3893	715(5)	676.2402	192.4593
865	19.4095	797(5)	764.1725	192.5039
866	19.4294	903(5)	854.8040	192.5478
867	19.4494	990(5)	946.7704	192.5920
868	19.4694	1073(6)	1034.1306	192.6362
869	19.4894	1104(6)	1104.1826	192.6803
870	19.5094	1145(6)	1136.5057	192.7245
871	19.5293	1125(6)	1119.6064	192.7684
872	19.5494	1081(6)	1057.6232	192.8128
873	19.5694	1023(5)	976.3561	192.8570
874	19.5896	919(5)	883.2143	192.9016
875	19.6095	850(5)	790.1236	192.9456
876	19.6295	768(5)	706.0635	192.9897
877	19.6494	705(5)	638.8520	193.0337
878	19.6694	655(4)	591.5535	193.0778
879	19.6894	619(4)	559.8838	193.1220
880	19.7094	586(4)	543.3391	193.1662
881	19.7295	589(4)	540.4935	193.2106
882	19.7494	594(4)	550.7867	193.2545
883	19.7694	608(4)	574.4943	193.2987
884	19.7894	633(4)	611.6739	193.2861
885	19.8095	645(4)	653.9706	193.0458
886	19.8296	675(4)	709.9738	192.8054
887	19.8494	691(5)	758.8292	192.5686
888	19.8693	695(5)	785.9634	192.3306
889	19.8893	694(5)	778.4957	192.0915
890	19.9093	687(4)	737.5067	191.8523
891	19.9293	677(4)	677.0090	191.6131
892	19.9493	639(4)	612.8470	191.3739
893	19.9694	604(4)	554.5901	191.1336
894	19.9894	570(4)	506.4467	190.8944
895	20.0094	526(4)	468.3395	190.6552
896	20.0292	500(4)	440.0029	190.4184
897	20.0493	471(4)	418.5432	190.1780
898	20.0693	447(4)	403.4197	189.9389
899	20.0892	421(4)	392.9020	189.7009
900	20.1093	403(3)	384.3993	189.4605
901	20.1293	382(3)	375.7683	189.2213
902	20.1491	364(3)	365.2308	188.9846
903	20.1693	343(3)	352.3711	188.7430
904	20.1894	333(3)	338.8705	188.5026
905	20.2094	314(3)	326.3224	188.2634
906	20.2294	295(3)	315.4844	188.0243
907	20.2495	285(3)	306.4896	187.7839
908	20.2694	278(3)	299.6372	187.5459

909	20.2894	267(3)	293.6513	187.3067
910	20.3094	258(3)	289.1883	187.0676
911	20.3294	254(3)	285.7709	186.8284
912	20.3494	251(3)	282.9971	186.5892
913	20.3693	240(3)	280.6313	186.3512
914	20.3892	249(3)	278.6814	186.2771
915	20.4093	243(3)	276.5733	186.2030
916	20.4293	244(3)	274.3883	186.1294
917	20.4495	246(3)	272.2187	186.0550
918	20.4695	240(3)	270.3127	185.9813
919	20.4894	241(3)	268.8184	185.9080
920	20.5093	240(3)	267.8395	185.8347
921	20.5293	242(3)	267.4485	185.7611
922	20.5493	245(3)	267.7117	185.6874
923	20.5693	243(3)	268.6804	185.6138
924	20.5892	250(3)	270.3911	185.5405
925	20.6092	253(3)	272.2442	185.4668
926	20.6294	262(3)	275.6300	185.3924
927	20.6495	269(3)	279.8223	185.3184
928	20.6695	275(3)	284.7870	185.2447
929	20.6896	280(3)	290.5957	185.1707
930	20.7096	289(3)	297.9461	185.0970
931	20.7294	302(3)	305.9896	185.0241
932	20.7494	308(3)	315.8313	184.9504
933	20.7694	331(3)	327.8373	184.8768
934	20.7894	347(3)	342.7088	184.8031
935	20.8095	366(3)	360.8854	184.7291
936	20.8296	390(3)	383.4468	184.6550
937	20.8496	419(4)	411.5934	184.5814
938	20.8696	461(4)	446.2214	184.5077
939	20.8895	509(4)	489.8602	184.4344
940	20.9095	564(4)	542.0429	184.3607
941	20.9295	616(4)	597.4318	184.2871
942	20.9494	688(5)	658.3844	184.2138
943	20.9696	749(5)	729.2485	184.1394
944	20.9896	830(5)	809.1223	184.0657
945	21.0095	900(5)	891.5718	183.9924
946	21.0294	951(5)	963.0659	183.9191
947	21.0495	1012(5)	1008.6260	183.8451
948	21.0694	1031(6)	1024.0853	183.7718
949	21.0894	1047(6)	1016.5416	183.6982
950	21.1094	1049(6)	991.9049	183.6245
951	21.1295	1027(5)	953.7434	183.5505
952	21.1495	992(5)	905.8210	183.4768
953	21.1697	944(5)	852.3672	183.4024
954	21.1897	900(5)	799.8555	183.3287
955	21.2097	847(5)	751.5316	183.2551
956	21.2296	783(5)	706.7047	183.1818
957	21.2495	718(5)	661.4150	183.1085
958	21.2694	659(4)	618.1517	183.0352
959	21.2894	594(4)	584.1486	183.1994
960	21.3094	546(4)	561.3381	183.7204
961	21.3294	497(4)	543.9064	184.2413
962	21.3494	471(4)	524.1910	184.7623

963	21.3694	432(4)	498.5848	185.2833
964	21.3893	418(4)	470.2268	185.8016
965	21.4094	402(3)	444.0461	186.3252
966	21.4295	390(3)	423.5272	186.8488
967	21.4496	380(3)	407.1696	187.3724
968	21.4694	382(3)	398.0388	187.8881
969	21.4893	379(3)	392.5123	188.4065
970	21.5094	374(3)	389.1893	188.9301
971	21.5294	378(3)	386.7459	189.4510
972	21.5495	386(3)	385.7249	189.9746
973	21.5696	384(3)	383.7300	190.4982
974	21.5896	388(3)	382.0815	191.0191
975	21.6096	390(3)	381.2858	191.5401
976	21.6296	399(3)	381.4161	192.0610
977	21.6496	390(3)	381.8568	192.5820
978	21.6695	389(3)	381.1754	193.1004
979	21.6894	387(3)	377.9301	193.6188
980	21.7094	382(3)	371.4297	194.1397
981	21.7293	377(3)	362.2332	194.6581
982	21.7494	354(3)	351.5317	195.1817
983	21.7694	342(3)	340.8098	195.7026
984	21.7895	332(3)	330.9266	196.2262
985	21.8094	321(3)	322.2587	196.7445
986	21.8295	307(3)	314.8252	197.2682
987	21.8494	302(3)	308.4992	197.7865
988	21.8694	298(3)	303.0511	198.3075
989	21.8892	281(3)	298.6134	198.8232
990	21.9092	284(3)	294.7069	199.3442
991	21.9293	274(3)	291.5192	199.8678
992	21.9492	277(3)	289.0231	200.3861
993	21.9693	270(3)	287.2273	200.9097
994	21.9893	273(3)	286.2442	201.4307
995	22.0094	280(3)	286.2581	201.9542
996	22.0293	287(3)	287.4635	202.4726
997	22.0493	290(3)	290.1168	202.9936
998	22.0693	289(3)	294.4311	203.5145
999	22.0894	278(3)	300.5675	204.0381
1000	22.1093	290(3)	308.1656	204.5565
1001	22.1293	284(3)	316.2834	205.0774
1002	22.1491	282(3)	322.8660	205.5932
1003	22.1690	287(3)	325.3924	205.6942
1004	22.1891	293(3)	323.1990	205.7897
1005	22.2092	299(3)	317.4897	205.8852
1006	22.2292	303(3)	310.7083	205.9803
1007	22.2492	320(3)	304.3321	206.0753
1008	22.2692	332(3)	299.7260	206.1704
1009	22.2892	346(3)	296.7073	206.2655
1010	22.3092	354(3)	295.0376	206.3605
1011	22.3291	359(3)	294.5485	206.4551
1012	22.3492	358(3)	295.3540	206.5506
1013	22.3692	348(3)	297.9477	206.6457
1014	22.3892	352(3)	302.8988	206.7408
1015	22.4093	343(3)	310.8100	206.8363
1016	22.4294	346(3)	322.1931	206.9318

1017	22.4496	344(3)	336.3068	207.0278
1018	22.4696	345(3)	355.1023	207.1229
1019	22.4896	355(3)	375.8337	207.2180
1020	22.5095	366(3)	394.5261	207.3125
1021	22.5295	357(3)	405.8044	207.4076
1022	22.5495	355(3)	405.3992	207.5027
1023	22.5694	355(3)	394.1824	207.5973
1024	22.5893	341(3)	377.2697	207.6918
1025	22.6093	328(3)	360.0329	207.7869
1026	22.6293	322(3)	346.0920	207.8820
1027	22.6494	314(3)	336.4562	207.9775
1028	22.6693	315(3)	330.5173	208.0721
1029	22.6893	299(3)	328.1852	208.1671
1030	22.7093	301(3)	329.4111	208.2622
1031	22.7292	297(3)	334.0750	208.3568
1032	22.7491	302(3)	341.3191	208.4514
1033	22.7692	307(3)	350.4206	208.5469
1034	22.7892	312(3)	359.8357	208.6420
1035	22.8093	316(3)	367.6477	208.7375
1036	22.8293	321(3)	371.7860	208.8326
1037	22.8493	328(3)	372.1052	208.9276
1038	22.8694	333(3)	369.9454	209.0231
1039	22.8894	347(3)	367.4814	209.1182
1040	22.9094	353(3)	366.5782	209.2133
1041	22.9295	367(3)	368.1943	209.3088
1042	22.9496	374(3)	372.7717	209.4043
1043	22.9696	403(3)	380.6794	209.4994
1044	22.9896	422(4)	392.2351	209.5945
1045	23.0097	448(4)	407.2993	209.6900
1046	23.0296	468(4)	424.9932	209.7846
1047	23.0496	500(4)	444.8770	209.8796
1048	23.0696	527(4)	466.0182	209.9747
1049	23.0894	555(4)	485.7845	209.5016
1050	23.1094	570(4)	507.9785	208.9292
1051	23.1294	593(4)	531.0640	208.3569
1052	23.1495	599(4)	555.2692	207.7818
1053	23.1696	603(4)	579.4478	207.2066
1054	23.1896	607(4)	600.8322	206.6343
1055	23.2094	610(4)	614.2046	206.0677
1056	23.2294	598(4)	613.6905	205.4955
1057	23.2493	574(4)	595.9554	204.9260
1058	23.2692	560(4)	563.6699	204.3566
1059	23.2893	524(4)	523.2505	203.7815
1060	23.3092	496(4)	482.5880	203.2120
1061	23.3293	477(4)	445.5078	202.6369
1062	23.3494	442(4)	414.3152	202.0617
1063	23.3693	418(4)	389.3942	201.4923
1064	23.3894	399(3)	369.6900	200.9171
1065	23.4094	386(3)	355.0695	200.3448
1066	23.4294	369(3)	344.1151	199.7725
1067	23.4494	352(3)	336.7438	199.2002
1068	23.4694	341(3)	332.3719	198.6280
1069	23.4894	338(3)	330.7492	198.0556
1070	23.5094	328(3)	331.3714	197.4833

1071	23.5294	329(3)	333.3433	196.9110
1072	23.5493	326(3)	335.3764	196.3416
1073	23.5694	319(3)	336.0255	195.7665
1074	23.5896	304(3)	333.9185	195.1884
1075	23.6095	305(3)	329.6378	194.6190
1076	23.6294	295(3)	323.3664	194.0495
1077	23.6495	286(3)	316.0456	193.4744
1078	23.6693	281(3)	308.2644	192.9078
1079	23.6894	266(3)	300.1149	192.3327
1080	23.7094	268(3)	291.9285	191.7604
1081	23.7295	263(3)	283.9678	191.1852
1082	23.7494	258(3)	276.5091	190.6158
1083	23.7693	255(3)	269.6712	190.0464
1084	23.7895	251(3)	263.6559	189.4684
1085	23.8095	251(3)	258.4752	188.8960
1086	23.8296	241(3)	254.4954	188.3209
1087	23.8493	242(3)	251.3205	187.7572
1088	23.8693	235(3)	249.0903	187.1849
1089	23.8893	237(3)	247.9892	186.7720
1090	23.9093	236(3)	247.7993	186.3599
1091	23.9292	237(3)	248.1144	185.9499
1092	23.9494	239(3)	248.3113	185.5337
1093	23.9693	244(3)	248.6063	185.1237
1094	23.9894	239(3)	248.7300	184.7096
1095	24.0094	250(3)	249.1168	184.2975
1096	24.0292	248(3)	250.1265	183.8896
1097	24.0492	251(3)	252.1075	183.4775
1098	24.0693	253(3)	254.1174	183.0634
1099	24.0892	249(3)	255.4824	182.6534
1100	24.1092	252(3)	254.6695	182.2413
1101	24.1293	248(3)	251.5159	181.8272
1102	24.1491	246(3)	247.0718	181.4192
1103	24.1692	239(3)	242.5539	181.0051
1104	24.1893	239(3)	239.1395	180.5910
1105	24.2094	239(3)	237.1180	180.1768
1106	24.2294	237(3)	236.5600	179.7648
1107	24.2495	236(3)	237.5906	179.3506
1108	24.2694	242(3)	240.2234	178.9406
1109	24.2894	242(3)	244.5576	178.5286
1110	24.3094	240(3)	250.1762	178.1165
1111	24.3294	253(3)	256.1901	177.7044
1112	24.3494	255(3)	261.3813	177.2924
1113	24.3693	259(3)	265.5458	176.8824
1114	24.3892	266(3)	269.8887	176.4723
1115	24.4093	270(3)	275.3124	176.0582
1116	24.4293	271(3)	281.7236	175.6461
1117	24.4494	280(3)	288.6204	175.2320
1118	24.4695	282(3)	295.2230	174.8179
1119	24.4893	288(3)	300.7411	174.4099
1120	24.5093	292(3)	304.9984	173.9979
1121	24.5293	293(3)	308.0290	173.5858
1122	24.5493	297(3)	309.9324	173.1738
1123	24.5693	292(3)	310.4189	172.7617
1124	24.5892	298(3)	309.0561	172.3517

1125	24.6092	298(3)	305.4973	171.9396
1126	24.6294	297(3)	300.9992	171.5234
1127	24.6495	298(3)	296.2532	171.1093
1128	24.6695	291(3)	292.0877	170.6972
1129	24.6896	288(3)	288.8371	170.2831
1130	24.7095	280(3)	286.3279	169.8731
1131	24.7294	272(3)	284.0126	169.4631
1132	24.7494	265(3)	281.1857	169.0510
1133	24.7694	261(3)	277.4415	168.6389
1134	24.7894	259(3)	272.8598	168.2268
1135	24.8096	252(3)	267.9512	167.8107
1136	24.8296	254(3)	263.5367	167.3986
1137	24.8496	250(3)	260.0687	166.9865
1138	24.8696	247(3)	257.6502	166.5744
1139	24.8894	246(3)	255.4753	166.1665
1140	24.9094	246(3)	252.7215	165.7545
1141	24.9296	238(3)	248.9042	165.3383
1142	24.9494	244(3)	243.5025	164.9303
1143	24.9695	242(3)	239.2327	164.5162
1144	24.9896	235(3)	235.8920	164.1864
1145	25.0095	239(3)	233.4090	163.9811
1146	25.0294	234(3)	231.7424	163.7757
1147	25.0494	239(3)	230.8523	163.5694
1148	25.0694	236(3)	230.7723	163.3631
1149	25.0894	245(3)	231.5639	163.1567
1150	25.1093	246(3)	233.2596	162.9514
1151	25.1294	249(3)	235.8851	162.7440
1152	25.1496	251(3)	239.4737	162.5356
1153	25.1697	259(3)	244.0536	162.3282
1154	25.1896	262(3)	249.8478	162.1229
1155	25.2097	268(3)	257.2298	161.9155
1156	25.2295	276(3)	266.2261	161.7112
1157	25.2495	279(3)	277.2346	161.5048
1158	25.2695	280(3)	290.3564	161.2985
1159	25.2894	298(3)	304.4491	161.0932
1160	25.3094	294(3)	318.9617	160.8868
1161	25.3294	300(3)	331.6535	160.6805
1162	25.3494	311(3)	340.8304	160.4741
1163	25.3694	321(3)	345.3032	160.2677
1164	25.3894	327(3)	346.3710	160.0614
1165	25.4094	340(3)	345.8178	159.8551
1166	25.4296	337(3)	344.5900	159.6466
1167	25.4494	344(3)	342.2068	159.4423
1168	25.4694	338(3)	339.2828	159.2360
1169	25.4894	342(3)	336.8170	159.0296
1170	25.5094	353(3)	336.3265	158.8233
1171	25.5295	348(3)	338.6514	158.6159
1172	25.5495	352(3)	343.3185	158.4095
1173	25.5696	342(3)	349.5414	158.2022
1174	25.5896	337(3)	354.1997	157.9958
1175	25.6096	333(3)	354.8730	157.7895
1176	25.6296	327(3)	350.5750	157.5831
1177	25.6496	328(3)	342.6060	157.3768
1178	25.6694	322(3)	333.0009	157.1725

1179	25.6894	313(3)	322.8756	156.9661
1180	25.7094	302(3)	312.7399	156.7598
1181	25.7294	294(3)	302.5766	156.5534
1182	25.7494	282(3)	292.3174	156.3471
1183	25.7694	272(3)	282.2069	156.1407
1184	25.7894	262(3)	271.9385	155.9343
1185	25.8094	255(3)	261.9250	155.7280
1186	25.8296	248(3)	252.2404	155.5196
1187	25.8494	245(3)	243.3478	155.3153
1188	25.8693	236(3)	235.1761	155.1100
1189	25.8892	235(3)	227.8861	154.9046
1190	25.9093	225(3)	221.4662	154.6973
1191	25.9292	217(3)	216.0315	154.4919
1192	25.9492	209(2)	211.4419	154.2856
1193	25.9693	212(2)	207.6964	154.0782
1194	25.9894	210(2)	204.6407	153.8708
1195	26.0094	199(2)	202.2392	153.6645
1196	26.0293	198(2)	200.3963	153.4592
1197	26.0493	198(2)	199.0755	153.2528
1198	26.0693	197(2)	198.2807	153.1145
1199	26.0894	194(2)	198.1003	153.1863
1200	26.1094	196(2)	198.3944	153.2578
1201	26.1293	208(2)	199.2038	153.3289
1202	26.1491	219(3)	200.5984	153.3996
1203	26.1690	223(3)	202.5522	153.4707
1204	26.1891	227(3)	205.5004	153.5425
1205	26.2092	231(3)	209.2122	153.6143
1206	26.2292	221(3)	213.6763	153.6858
1207	26.2492	207(2)	218.7810	153.7573
1208	26.2692	209(2)	223.8708	153.8287
1209	26.2893	196(2)	227.7777	153.9005
1210	26.3091	198(2)	229.1353	153.9713
1211	26.3292	197(2)	226.6581	154.0431
1212	26.3492	191(2)	222.2472	154.1145
1213	26.3692	201(2)	217.8198	154.1860
1214	26.3891	209(2)	214.6649	154.2571
1215	26.4093	214(3)	213.2859	154.3293
1216	26.4294	220(3)	213.3578	154.4011
1217	26.4496	224(3)	214.0583	154.4733
1218	26.4696	234(3)	214.2207	154.5447
1219	26.4896	231(3)	213.0048	154.6162
1220	26.5095	233(3)	210.2450	154.6873
1221	26.5295	229(3)	206.4841	154.7587
1222	26.5495	228(3)	202.2910	154.8302
1223	26.5694	233(3)	198.8039	154.9013
1224	26.5893	231(3)	196.1282	154.9724
1225	26.6093	222(3)	194.0570	155.0438
1226	26.6294	222(3)	192.6931	155.1157
1227	26.6495	219(3)	191.9706	155.1875
1228	26.6693	222(3)	191.9445	155.2582
1229	26.6893	223(3)	192.9296	155.3297
1230	26.7093	215(3)	193.6102	155.4011
1231	26.7292	217(3)	194.5971	155.4722
1232	26.7492	214(3)	195.8346	155.5437

1233	26.7692	215(3)	197.2548	155.6151
1234	26.7891	214(3)	198.7355	155.6862
1235	26.8093	210(2)	200.1276	155.7584
1236	26.8293	211(2)	201.2151	155.8299
1237	26.8494	206(2)	202.5405	155.9017
1238	26.8693	208(2)	203.3856	155.9728
1239	26.8895	208(2)	203.3457	156.0450
1240	26.9094	206(2)	203.5085	156.1161
1241	26.9296	205(2)	203.6796	156.1882
1242	26.9496	201(2)	203.9118	156.2597
1243	26.9696	203(2)	204.4337	156.3311
1244	26.9897	202(2)	205.4976	156.6182
1245	27.0097	208(2)	206.8880	156.9127
1246	27.0296	212(2)	208.7281	157.2058
1247	27.0497	208(2)	211.0482	157.5018
1248	27.0695	210(2)	213.8613	157.7934
1249	27.0894	218(3)	217.3214	158.0864
1250	27.1094	216(3)	221.5033	158.3810
1251	27.1294	225(3)	226.4996	158.6755
1252	27.1496	230(3)	232.4716	158.9730
1253	27.1695	235(3)	239.0700	159.2661
1254	27.1896	242(3)	247.2469	159.5620
1255	27.2095	255(3)	256.8793	159.8551
1256	27.2294	264(3)	268.4016	160.1481
1257	27.2493	271(3)	281.7046	160.4412
1258	27.2692	283(3)	295.5901	160.7343
1259	27.2892	288(3)	307.7204	161.0288
1260	27.3093	294(3)	315.6867	161.3248
1261	27.3293	294(3)	318.3925	161.6193
1262	27.3494	298(3)	316.6618	161.9153
1263	27.3693	294(3)	312.2850	162.2084
1264	27.3893	298(3)	306.1133	162.5029
1265	27.4095	291(3)	299.2815	162.8004
1266	27.4294	297(3)	293.7814	163.0935
1267	27.4493	298(3)	288.8246	163.3865
1268	27.4694	295(3)	285.1665	163.6825
1269	27.4894	296(3)	283.6466	163.9770
1270	27.5095	294(3)	284.4099	164.2730
1271	27.5293	304(3)	287.1910	164.5646
1272	27.5493	304(3)	292.4277	164.8592
1273	27.5694	311(3)	300.1675	165.1552
1274	27.5896	323(3)	310.6077	165.4526
1275	27.6095	335(3)	323.5046	165.7457
1276	27.6295	355(3)	339.3918	166.0402
1277	27.6494	383(3)	358.6440	166.4154
1278	27.6694	424(4)	382.3597	166.8742
1279	27.6894	448(4)	411.7106	167.3329
1280	27.7094	473(4)	444.1204	167.7917
1281	27.7294	489(4)	465.4018	168.2504
1282	27.7494	471(4)	455.9102	168.7092
1283	27.7693	439(4)	421.2828	169.1656
1284	27.7894	405(3)	384.8835	169.6267
1285	27.8095	372(3)	358.5781	170.0878
1286	27.8296	351(3)	342.6386	170.5488

1287	27.8493	337(3)	334.9697	171.0007
1288	27.8693	325(3)	333.1190	171.4595
1289	27.8892	321(3)	334.7605	171.9160
1290	27.9093	315(3)	336.9944	172.3770
1291	27.9293	319(3)	337.8985	172.8358
1292	27.9493	321(3)	338.0303	173.2945
1293	27.9694	326(3)	339.5673	173.7556
1294	27.9894	333(3)	343.8871	174.2143
1295	28.0093	342(3)	351.5299	174.6708
1296	28.0292	361(3)	362.8568	175.1273
1297	28.0492	376(3)	378.8436	175.5860
1298	28.0693	404(3)	400.4788	176.0471
1299	28.0892	428(4)	428.2770	176.5035
1300	28.1092	462(4)	462.5425	176.9623
1301	28.1292	496(4)	498.8533	177.4211
1302	28.1492	523(4)	532.6198	177.8798
1303	28.1692	559(4)	560.9673	178.3386
1304	28.1893	591(4)	586.4722	178.7996
1305	28.2094	614(4)	612.5139	179.2607
1306	28.2295	626(4)	635.7590	179.7218
1307	28.2494	637(4)	650.0205	180.1782
1308	28.2694	630(4)	650.6281	180.6370
1309	28.2894	617(4)	638.1015	181.0957
1310	28.3094	604(4)	617.4126	181.5545
1311	28.3294	580(4)	593.7653	182.0132
1312	28.3493	553(4)	569.9409	182.4697
1313	28.3693	516(4)	545.7801	182.9285
1314	28.3892	497(4)	521.3088	183.3850
1315	28.4092	481(4)	498.0778	183.8437
1316	28.4294	458(4)	478.8926	184.3071
1317	28.4494	444(4)	463.7225	184.7471
1318	28.4695	426(4)	452.1120	185.0824
1319	28.4893	425(4)	442.1437	185.4127
1320	28.5093	414(3)	432.6802	185.7463
1321	28.5293	411(3)	424.4925	186.0800
1322	28.5493	423(4)	419.7372	186.4136
1323	28.5693	421(4)	420.9460	186.7473
1324	28.5892	441(4)	431.4108	187.0793
1325	28.6092	446(4)	449.6059	187.4129
1326	28.6294	466(4)	475.9977	187.7499
1327	28.6495	475(4)	503.6957	188.0852
1328	28.6695	464(4)	521.7910	188.4189
1329	28.6896	467(4)	518.5654	188.7542
1330	28.7095	471(4)	495.9190	189.0862
1331	28.7294	449(4)	466.2979	189.4181
1332	28.7494	433(4)	441.0878	189.7518
1333	28.7694	429(4)	425.1963	190.0854
1334	28.7894	426(4)	418.5244	190.4191
1335	28.8095	422(4)	418.4512	190.7544
1336	28.8296	416(4)	420.1711	191.0897
1337	28.8496	408(3)	417.9546	191.4234
1338	28.8695	404(3)	408.5718	191.7554
1339	28.8895	390(3)	394.0352	192.0890
1340	28.9094	374(3)	378.1185	192.4210

1341	28.9296	363(3)	362.9804	192.7580
1342	28.9494	350(3)	349.2482	193.0883
1343	28.9696	336(3)	335.7125	193.4253
1344	28.9895	323(3)	322.9258	193.7573
1345	29.0095	309(3)	311.3765	194.0909
1346	29.0295	296(3)	301.7890	194.4245
1347	29.0494	282(3)	294.4367	194.7565
1348	29.0695	285(3)	289.1945	195.0919
1349	29.0893	282(3)	285.9283	195.4222
1350	29.1094	280(3)	284.4221	195.7575
1351	29.1295	285(3)	284.5224	196.0928
1352	29.1496	273(3)	286.0599	196.4281
1353	29.1697	278(3)	288.5156	196.7634
1354	29.1897	278(3)	291.5121	197.0971
1355	29.2097	280(3)	294.0365	197.4307
1356	29.2295	282(3)	295.3206	197.7610
1357	29.2495	284(3)	295.2367	198.0947
1358	29.2695	282(3)	294.3517	198.4283
1359	29.2894	286(3)	293.5753	198.7603
1360	29.3094	290(3)	293.6038	199.0940
1361	29.3294	300(3)	294.7242	199.4276
1362	29.3494	299(3)	296.9149	199.7613
1363	29.3694	308(3)	299.5133	200.0949
1364	29.3893	309(3)	302.0028	200.4269
1365	29.4095	320(3)	304.2021	200.7639
1366	29.4295	321(3)	306.0454	201.0975
1367	29.4496	328(3)	307.2508	201.4329
1368	29.4693	322(3)	308.0059	201.7615
1369	29.4894	322(3)	307.0477	202.0968
1370	29.5094	319(3)	304.4270	202.4305
1371	29.5295	308(3)	301.7034	202.7658
1372	29.5495	308(3)	298.9468	203.0994
1373	29.5696	298(3)	295.6920	203.4348
1374	29.5896	294(3)	292.0442	203.7684
1375	29.6096	284(3)	288.5649	204.1021
1376	29.6296	279(3)	285.6088	204.4357
1377	29.6497	268(3)	283.3168	204.7885
1378	29.6694	277(3)	282.9406	206.2620
1379	29.6893	268(3)	283.3365	207.7505
1380	29.7095	275(3)	284.5746	209.2615
1381	29.7293	267(3)	286.6371	210.7426
1382	29.7495	270(3)	288.3842	210.8935
1383	29.7694	273(3)	291.0967	211.0356
1384	29.7895	281(3)	295.0453	211.1792
1385	29.8094	285(3)	300.4701	211.3213
1386	29.8296	295(3)	307.5233	211.4655
1387	29.8494	308(3)	315.8481	211.6069
1388	29.8693	314(3)	329.1740	211.7490
1389	29.8893	330(3)	343.7342	211.8919
1390	29.9092	349(3)	361.3502	212.0340
1391	29.9293	359(3)	381.9391	212.1775
1392	29.9492	390(3)	402.7100	212.3196
1393	29.9693	407(3)	423.2809	212.4632
1394	29.9893	421(4)	440.2881	212.6060

1395	30.0094	438(4)	454.5338	212.7495
1396	30.0294	466(4)	467.3804	212.8923
1397	30.0493	473(4)	479.6821	213.0344
1398	30.0694	486(4)	491.6924	213.1780
1399	30.0894	509(4)	501.6379	213.3208
1400	30.1094	517(4)	509.2557	213.4636
1401	30.1293	530(4)	517.9819	213.6057
1402	30.1491	537(4)	528.4915	213.7471
1403	30.1691	565(4)	542.1644	213.8899
1404	30.1891	582(4)	558.1645	214.0328
1405	30.2092	605(4)	576.5029	214.1763
1406	30.2292	630(4)	598.1271	214.3191
1407	30.2492	659(4)	624.1351	214.4619
1408	30.2692	673(4)	652.3168	214.6048
1409	30.2892	670(4)	678.4711	214.7476
1410	30.3092	680(4)	695.2436	214.8904
1411	30.3292	675(4)	697.0446	215.0332
1412	30.3492	641(4)	682.3604	215.1760
1413	30.3692	614(4)	654.1926	215.3189
1414	30.3892	575(4)	617.6296	215.4617
1415	30.4093	548(4)	577.4728	215.6052
1416	30.4294	508(4)	538.4133	215.7487
1417	30.4496	479(4)	502.6261	215.8930
1418	30.4696	463(4)	471.8085	216.0358
1419	30.4896	430(4)	445.7015	216.1786
1420	30.5096	408(4)	423.9203	216.3215
1421	30.5295	394(3)	405.9327	216.4636
1422	30.5495	381(3)	393.6536	216.6064
1423	30.5694	366(3)	381.6819	216.7485
1424	30.5894	354(3)	372.2565	216.8913
1425	30.6093	346(3)	365.1157	217.0334
1426	30.6294	341(3)	360.0751	217.1770
1427	30.6494	348(3)	356.9949	217.3198
1428	30.6694	333(3)	355.8451	217.4626
1429	30.6893	336(3)	356.8088	217.6252
1430	30.7093	337(3)	360.1210	217.9093
1431	30.7292	340(3)	366.1803	218.1920
1432	30.7492	349(3)	375.4937	218.4761
1433	30.7691	355(3)	388.4788	218.7588
1434	30.7892	379(3)	405.8073	219.0444
1435	30.8092	401(3)	427.1397	219.3285
1436	30.8293	434(4)	452.3920	219.6140
1437	30.8494	488(4)	482.5720	219.8995
1438	30.8694	547(4)	521.5273	220.1837
1439	30.8894	619(4)	575.0125	220.4677
1440	30.9094	685(4)	646.7451	220.7519
1441	30.9296	733(5)	730.7612	221.0388
1442	30.9495	764(5)	797.7631	221.3215
1443	30.9696	742(5)	810.6996	221.6071
1444	30.9896	723(5)	761.5920	221.8912
1445	31.0097	676(4)	685.2699	222.1767
1446	31.0297	615(4)	616.2068	222.4608
1447	31.0496	556(4)	565.9663	222.7435
1448	31.0696	507(4)	532.9829	223.0276

1449	31.0894	477(4)	513.4462	223.3089
1450	31.1094	461(4)	502.9250	223.5930
1451	31.1294	447(4)	498.6930	223.8772
1452	31.1495	445(4)	498.2246	224.1627
1453	31.1696	449(4)	499.1454	224.4482
1454	31.1896	461(4)	500.5150	224.7323
1455	31.2094	459(4)	501.2207	225.0136
1456	31.2294	469(4)	500.8409	225.2977
1457	31.2493	469(4)	498.8896	225.5804
1458	31.2692	478(4)	495.6432	225.8631
1459	31.2892	470(4)	491.5182	226.1472
1460	31.3092	476(4)	486.9836	226.4313
1461	31.3293	469(4)	482.6058	226.7169
1462	31.3493	469(4)	478.9132	227.0010
1463	31.3693	467(4)	476.5604	227.2851
1464	31.3894	474(4)	476.4622	227.5706
1465	31.4094	479(4)	479.5644	227.8547
1466	31.4295	493(4)	487.3319	228.1403
1467	31.4493	515(4)	500.4861	228.4215
1468	31.4694	551(4)	520.8369	228.7071
1469	31.4894	600(4)	550.1523	228.9912
1470	31.5094	678(4)	591.7161	229.0163
1471	31.5294	767(5)	651.1035	228.9767
1472	31.5493	871(5)	734.6915	228.9372
1473	31.5694	978(5)	848.0708	228.8974
1474	31.5895	1058(6)	981.2067	228.8575
1475	31.6095	1079(6)	1090.0360	228.8179
1476	31.6295	1058(6)	1110.0482	228.7782
1477	31.6494	983(5)	1028.0948	228.7388
1478	31.6694	880(5)	899.8851	228.6992
1479	31.6894	785(5)	780.7905	228.6595
1480	31.7094	698(5)	689.1239	228.6199
1481	31.7294	625(4)	623.2303	228.5802
1482	31.7494	579(4)	578.1991	228.5406
1483	31.7693	556(4)	549.2429	228.5012
1484	31.7895	542(4)	533.0060	228.4611
1485	31.8095	566(4)	526.9608	228.4215
1486	31.8296	569(4)	528.1737	228.3817
1487	31.8493	583(4)	532.8049	228.3426
1488	31.8692	589(4)	537.6061	228.3032
1489	31.8893	599(4)	538.4999	228.2633
1490	31.9092	584(4)	532.2119	228.2239
1491	31.9294	570(4)	517.5732	228.1839
1492	31.9493	533(4)	497.4176	228.1444
1493	31.9694	503(4)	475.2064	228.1046
1494	31.9894	476(4)	454.4894	228.0649
1495	32.0094	447(4)	437.3668	228.0253
1496	32.0293	418(4)	423.3859	227.9858
1497	32.0492	393(3)	412.0737	227.9464
1498	32.0692	375(3)	404.6400	227.9068
1499	32.0893	362(3)	398.2546	227.8669
1500	32.1092	350(3)	395.9275	227.8275
1501	32.1293	347(3)	394.6112	227.7876
1502	32.1491	345(3)	394.3986	227.7484

1503	32.1693	332(3)	393.9552	227.7084
1504	32.1893	333(3)	392.5660	227.6687
1505	32.2094	334(3)	389.7081	227.6289
1506	32.2295	325(3)	385.1288	227.5891
1507	32.2495	326(3)	378.9667	227.5494
1508	32.2694	324(3)	371.7096	227.5100
1509	32.2893	321(3)	363.7759	227.4705
1510	32.3094	326(3)	355.7326	227.4307
1511	32.3294	327(3)	348.1161	227.3910
1512	32.3494	319(3)	341.2115	227.3514
1513	32.3693	322(3)	335.4247	227.3120
1514	32.3892	319(3)	330.8660	227.2725
1515	32.4092	320(3)	327.5495	227.2329
1516	32.4294	322(3)	325.1804	227.1928
1517	32.4494	318(3)	323.3013	227.0390
1518	32.4696	321(3)	321.4451	226.7892
1519	32.4893	319(3)	319.6742	226.5456
1520	32.5092	318(3)	318.3885	226.2995
1521	32.5294	315(3)	317.7131	226.0497
1522	32.5493	321(3)	317.9554	225.8036
1523	32.5692	318(3)	319.1883	225.5576
1524	32.5893	321(3)	321.4447	225.3090
1525	32.6092	330(3)	324.7316	225.0629
1526	32.6294	339(3)	329.2314	224.8131
1527	32.6494	352(3)	335.0638	224.5658
1528	32.6695	367(3)	342.2678	224.3173
1529	32.6896	386(3)	352.6091	224.0687
1530	32.7095	399(3)	366.2767	223.8226
1531	32.7294	420(4)	380.8530	223.5765
1532	32.7494	430(4)	399.9680	223.3292
1533	32.7694	441(4)	415.0170	223.0819
1534	32.7893	436(4)	418.2816	222.8358
1535	32.8096	424(4)	407.6820	222.5848
1536	32.8295	405(3)	390.2707	222.3387
1537	32.8496	395(3)	373.1454	222.0902
1538	32.8696	367(3)	360.0495	221.8428
1539	32.8894	360(3)	351.2293	221.5980
1540	32.9094	349(3)	345.6043	221.3506
1541	32.9294	340(3)	342.0769	221.1034
1542	32.9494	338(3)	339.6888	220.8560
1543	32.9695	323(3)	337.2256	220.6075
1544	32.9896	327(3)	334.0686	220.3589
1545	33.0095	318(3)	329.9113	220.1128
1546	33.0294	313(3)	325.0446	219.8667
1547	33.0494	308(3)	319.5029	219.6194
1548	33.0694	305(3)	313.9507	219.3721
1549	33.0893	297(3)	308.6457	219.1260
1550	33.1094	293(3)	303.8147	218.8775
1551	33.1294	288(3)	299.6976	218.6302
1552	33.1496	282(3)	296.2056	218.3803
1553	33.1696	283(3)	293.5146	218.1331
1554	33.1896	279(3)	291.6322	217.8857
1555	33.2096	282(3)	290.7183	217.6564
1556	33.2294	282(3)	290.8763	217.5228

1557	33.2495	287(3)	292.1285	217.3871
1558	33.2694	286(3)	294.4160	217.2528
1559	33.2894	290(3)	297.5897	217.1178
1560	33.3094	295(3)	301.5277	216.9828
1561	33.3293	295(3)	305.8279	216.8485
1562	33.3495	300(3)	310.3320	216.7122
1563	33.3694	308(3)	314.6638	216.5779
1564	33.3894	309(3)	319.1875	216.4429
1565	33.4094	314(3)	323.7780	216.3079
1566	33.4295	323(3)	328.2465	216.1722
1567	33.4494	324(3)	332.3630	216.0379
1568	33.4694	331(3)	335.9202	215.9030
1569	33.4893	330(3)	338.9015	215.7686
1570	33.5094	330(3)	340.5328	215.6330
1571	33.5294	340(3)	340.7109	215.4980
1572	33.5494	332(3)	339.5116	215.3630
1573	33.5695	333(3)	336.6954	215.2274
1574	33.5896	331(3)	332.5196	215.0917
1575	33.6096	326(3)	327.3321	214.9567
1576	33.6296	318(3)	321.4410	214.8217
1577	33.6496	315(3)	315.7943	214.6868
1578	33.6694	312(3)	310.7678	214.5531
1579	33.6893	315(3)	306.8942	214.4188
1580	33.7094	308(3)	303.5959	214.2832
1581	33.7294	310(3)	302.0789	214.1482
1582	33.7494	308(3)	301.6642	214.0132
1583	33.7693	306(3)	302.2688	213.8789
1584	33.7894	305(3)	303.7334	213.7432
1585	33.8095	315(3)	305.8169	213.6076
1586	33.8294	310(3)	308.6586	213.4733
1587	33.8494	317(3)	312.4424	213.3383
1588	33.8692	324(3)	317.2947	213.2047
1589	33.8893	327(3)	323.3231	213.0690
1590	33.9092	337(3)	330.0702	212.9347
1591	33.9292	339(3)	336.9520	212.7997
1592	33.9492	341(3)	343.1965	212.6647
1593	33.9693	351(3)	348.2880	212.5291
1594	33.9894	361(3)	351.7324	212.3934
1595	34.0094	355(3)	354.5819	212.2584
1596	34.0292	365(3)	357.1909	212.1248
1597	34.0493	375(3)	360.2904	211.9891
1598	34.0694	380(3)	364.6112	211.8535
1599	34.0894	384(3)	370.6407	211.7185
1600	34.1094	391(3)	378.7800	211.5835
1601	34.1292	399(3)	389.1125	211.4499
1602	34.1491	411(4)	401.8487	211.3168
1603	34.1691	419(4)	416.8947	211.1832
1604	34.1891	424(4)	433.8979	211.0496
1605	34.2092	427(4)	452.4072	210.9154
1606	34.2292	441(4)	471.4099	210.7818
1607	34.2492	444(4)	489.3338	210.6482
1608	34.2691	444(4)	505.8254	210.5153
1609	34.2892	446(4)	519.0126	210.3811
1610	34.3092	447(4)	527.5726	210.2475

1611	34.3292	441(4)	530.3389	210.1139
1612	34.3493	433(4)	526.9905	209.9797
1613	34.3691	440(4)	517.7327	209.8474
1614	34.3892	433(4)	502.6849	209.7132
1615	34.4093	423(4)	483.4098	209.5789
1616	34.4294	420(4)	461.7720	209.4447
1617	34.4496	409(3)	440.4227	209.3098
1618	34.4696	405(3)	420.9278	209.1762
1619	34.4896	394(3)	404.1747	209.0426
1620	34.5096	392(3)	390.0946	208.9091
1621	34.5296	380(3)	378.0348	208.7755
1622	34.5495	367(3)	367.5272	208.6425
1623	34.5694	359(3)	357.8146	208.5096
1624	34.5894	347(3)	349.0983	208.3761
1625	34.6094	345(3)	341.3456	208.2425
1626	34.6294	340(3)	334.6279	208.1089
1627	34.6496	341(3)	328.8466	207.9740
1628	34.6694	328(3)	324.0949	207.8418
1629	34.6893	329(3)	319.9893	207.7088
1630	34.7093	326(3)	316.3694	207.5753
1631	34.7292	321(3)	313.3354	207.4424
1632	34.7492	320(3)	310.9369	207.3088
1633	34.7691	316(3)	309.2139	207.1759
1634	34.7892	317(3)	308.5369	207.0416
1635	34.8092	318(3)	309.0304	206.9080
1636	34.8294	325(3)	310.6351	206.7731
1637	34.8494	329(3)	312.8220	206.6395
1638	34.8694	337(3)	314.7199	206.5060
1639	34.8894	331(3)	315.2119	206.3724
1640	34.9094	337(3)	313.5928	206.2388
1641	34.9296	327(3)	310.1920	206.1039
1642	34.9496	324(3)	306.1585	205.9703
1643	34.9696	310(3)	302.3218	205.8367
1644	34.9897	309(3)	299.1213	205.7025
1645	35.0097	307(3)	296.7597	205.5689
1646	35.0296	306(3)	295.5901	205.4360
1647	35.0497	302(3)	295.6487	205.3018
1648	35.0696	304(3)	297.7575	205.1816
1649	35.0894	312(3)	300.9319	205.0684
1650	35.1094	310(3)	305.7736	204.9541
1651	35.1296	319(3)	312.3212	204.8387
1652	35.1495	316(3)	320.1905	204.7249
1653	35.1696	320(3)	329.2063	204.6100
1654	35.1896	322(3)	338.4073	204.4957
1655	35.2095	327(3)	346.2708	204.3820
1656	35.2294	327(3)	350.9584	204.2683
1657	35.2494	327(3)	350.9698	204.1540
1658	35.2692	323(3)	346.5188	204.0408
1659	35.2892	315(3)	339.2123	203.9265
1660	35.3092	318(3)	331.1122	203.8122
1661	35.3293	310(3)	323.3809	203.6973
1662	35.3494	307(3)	317.3146	203.5824
1663	35.3693	305(3)	313.0488	203.4687
1664	35.3894	302(3)	310.4625	203.3538

1665	35.4095	299(3)	309.5546	203.2390
1666	35.4294	299(3)	309.9464	203.1252
1667	35.4493	302(3)	312.2534	203.0115
1668	35.4694	297(3)	313.4985	202.8966
1669	35.4894	297(3)	314.0044	202.7823
1670	35.5094	292(3)	313.4540	202.6680
1671	35.5295	290(3)	311.8492	202.5531
1672	35.5493	295(3)	309.4917	202.4400
1673	35.5695	297(3)	306.6250	202.3245
1674	35.5896	296(3)	303.7025	202.2096
1675	35.6095	300(3)	301.2419	202.0959
1676	35.6296	293(3)	300.9956	201.9810
1677	35.6494	301(3)	300.8909	201.8679
1678	35.6694	304(3)	302.4369	201.7536
1679	35.6894	313(3)	305.6974	201.6393
1680	35.7095	319(3)	310.6628	201.5244
1681	35.7294	323(3)	316.9189	201.4106
1682	35.7494	328(3)	324.3836	201.2963
1683	35.7694	326(3)	332.1128	201.1820
1684	35.7895	335(3)	339.2675	201.0672
1685	35.8095	341(3)	344.7854	200.9529
1686	35.8296	346(3)	347.9753	200.8380
1687	35.8493	347(3)	348.7203	200.7254
1688	35.8693	343(3)	347.7697	200.6111
1689	35.8893	356(3)	345.9650	200.4968
1690	35.9093	350(3)	344.5502	200.3825
1691	35.9293	358(3)	344.5452	200.2682
1692	35.9493	355(3)	346.7238	200.1539
1693	35.9695	361(3)	350.7820	200.1053
1694	35.9894	368(3)	356.8278	200.1792
1695	36.0094	372(3)	364.6187	200.2534
1696	36.0293	374(3)	372.1604	200.3273
1697	36.0492	369(3)	377.7177	200.4011
1698	36.0693	369(3)	378.3441	200.4757
1699	36.0893	364(3)	373.0791	200.5499
1700	36.1092	357(3)	363.3761	200.6238
1701	36.1293	350(3)	351.5408	200.6984
1702	36.1491	339(3)	340.4232	200.7719
1703	36.1693	326(3)	330.7283	200.8468
1704	36.1894	320(3)	323.2607	200.9214
1705	36.2094	307(3)	317.7026	200.9957
1706	36.2294	303(3)	313.8578	201.0699
1707	36.2495	296(3)	311.2834	201.1445
1708	36.2694	291(3)	309.6377	201.2183
1709	36.2894	289(3)	308.3940	201.2925
1710	36.3094	285(3)	307.2844	201.3668
1711	36.3294	282(3)	306.0660	201.4410
1712	36.3494	287(3)	304.7131	201.5152
1713	36.3693	285(3)	303.3258	201.5891
1714	36.3892	281(3)	302.1180	201.6629
1715	36.4092	285(3)	301.2437	201.7371
1716	36.4293	279(3)	300.8973	201.8117
1717	36.4495	288(3)	301.3661	201.8867
1718	36.4696	291(3)	302.8112	201.9613

1719	36.4894	295(3)	305.4237	202.0348
1720	36.5093	302(3)	309.4641	202.1086
1721	36.5293	313(3)	315.2624	202.1828
1722	36.5493	316(3)	323.0300	202.2571
1723	36.5693	332(3)	332.9941	202.3313
1724	36.5893	354(3)	345.6266	202.4055
1725	36.6092	380(3)	362.0291	202.5948
1726	36.6293	410(4)	383.9126	202.8074
1727	36.6495	464(4)	413.7686	203.0212
1728	36.6696	523(4)	454.2637	203.2338
1729	36.6896	576(4)	508.2567	203.4455
1730	36.7095	624(4)	574.5247	203.6560
1731	36.7294	651(4)	643.7986	203.8666
1732	36.7493	666(4)	690.2701	204.0771
1733	36.7695	656(4)	691.0952	204.2909
1734	36.7894	628(4)	655.4967	204.5014
1735	36.8094	592(4)	611.1733	204.7131
1736	36.8296	567(4)	575.7683	204.9268
1737	36.8496	551(4)	554.0813	205.1384
1738	36.8695	531(4)	543.4627	205.3490
1739	36.8894	539(4)	540.4193	205.5596
1740	36.9095	555(4)	542.5341	205.7722
1741	36.9295	572(4)	549.6451	205.9839
1742	36.9494	595(4)	562.2536	206.1944
1743	36.9696	634(4)	581.5458	206.4082
1744	36.9895	669(4)	606.0835	206.6187
1745	37.0095	691(5)	633.7348	206.8303
1746	37.0294	710(5)	660.7091	207.0409
1747	37.0495	743(5)	683.3246	207.2536
1748	37.0694	738(5)	694.6509	207.4642
1749	37.0894	728(5)	689.2039	207.6758
1750	37.1093	703(5)	667.4200	207.8863
1751	37.1294	679(5)	635.8157	208.0990
1752	37.1496	637(4)	603.5444	208.3128
1753	37.1696	628(4)	576.5907	208.5244
1754	37.1897	595(4)	557.8330	208.7371
1755	37.2097	586(4)	548.1721	208.9487
1756	37.2294	580(4)	546.6475	209.1571
1757	37.2495	580(4)	551.1898	209.3698
1758	37.2694	581(4)	558.7001	209.5803
1759	37.2894	586(4)	565.6388	209.7920
1760	37.3094	573(4)	569.5055	210.0036
1761	37.3294	565(4)	568.9960	210.0707
1762	37.3494	565(4)	563.1572	209.9612
1763	37.3695	553(4)	552.1455	209.8511
1764	37.3894	539(4)	539.8560	209.7421
1765	37.4094	530(4)	529.7845	209.6326
1766	37.4295	519(4)	524.8448	209.5225
1767	37.4495	517(4)	524.8121	209.4129
1768	37.4694	523(4)	528.5947	209.3040
1769	37.4894	516(4)	534.8762	209.1944
1770	37.5094	531(4)	542.4683	209.0849
1771	37.5294	531(4)	551.0782	208.9754
1772	37.5496	545(4)	559.5347	208.8647

1773	37.5696	553(4)	566.9227	208.7552
1774	37.5896	570(4)	571.3210	208.6457
1775	37.6096	575(4)	570.1565	208.5361
1776	37.6296	551(4)	560.7535	208.4266
1777	37.6495	552(4)	542.4332	208.3176
1778	37.6695	530(4)	517.2358	208.2081
1779	37.6894	511(4)	489.2349	208.0991
1780	37.7094	487(4)	461.5620	207.9895
1781	37.7294	456(4)	436.1404	207.8800
1782	37.7494	431(4)	414.6042	207.7705
1783	37.7695	409(4)	396.9632	207.6604
1784	37.7894	385(3)	383.0233	207.5514
1785	37.8095	373(3)	371.9810	207.4413
1786	37.8295	357(3)	363.3607	207.3318
1787	37.8494	344(3)	356.5151	207.2228
1788	37.8693	337(3)	350.8862	207.1138
1789	37.8892	326(3)	346.1125	207.0049
1790	37.9093	315(3)	340.6264	206.8948
1791	37.9292	313(3)	336.9458	206.7858
1792	37.9492	307(3)	333.5286	206.6762
1793	37.9693	307(3)	330.2175	206.5661
1794	37.9894	304(3)	326.7034	206.4561
1795	38.0094	304(3)	323.4073	206.3465
1796	38.0293	304(3)	320.4744	206.2375
1797	38.0493	309(3)	317.8856	205.7178
1798	38.0694	308(3)	316.5522	205.1934
1799	38.0894	320(3)	316.8864	204.6716
1800	38.1094	320(3)	319.0750	204.1499
1801	38.1293	330(3)	323.3733	203.6306
1802	38.1491	337(3)	329.8248	203.1140
1803	38.1691	358(3)	338.7012	202.5923
1804	38.1891	376(3)	349.6017	202.0705
1805	38.2092	392(3)	362.2900	201.5461
1806	38.2292	410(4)	376.2047	201.0243
1807	38.2492	435(4)	390.9390	200.5025
1808	38.2691	446(4)	406.5851	199.9833
1809	38.2893	462(4)	423.3470	199.4563
1810	38.3092	457(4)	438.1469	198.9371
1811	38.3291	461(4)	444.7100	198.4179
1812	38.3492	452(4)	437.5497	197.8934
1813	38.3692	430(4)	419.2421	197.3717
1814	38.3892	417(4)	397.7724	196.8499
1815	38.4092	394(3)	378.4733	196.3281
1816	38.4294	377(3)	363.1392	195.8011
1817	38.4496	360(3)	351.8387	195.2740
1818	38.4697	349(3)	343.9119	194.7496
1819	38.4896	341(3)	338.2213	194.2304
1820	38.5096	339(3)	333.4803	193.7087
1821	38.5295	326(3)	328.6508	193.1895
1822	38.5494	325(3)	322.9085	192.6703
1823	38.5695	317(3)	316.7365	192.1459
1824	38.5893	311(3)	310.6937	191.6293
1825	38.6094	312(3)	305.3711	191.1049
1826	38.6293	310(3)	301.1183	190.5857

1827	38.6494	310(3)	298.4872	190.0613
1828	38.6694	306(3)	296.8069	189.5395
1829	38.6894	304(3)	295.2446	189.0177
1830	38.7093	303(3)	293.5262	188.4985
1831	38.7291	297(3)	290.6375	187.9820
1832	38.7492	298(3)	286.3339	187.4576
1833	38.7691	289(3)	283.2940	186.9384
1834	38.7892	291(3)	280.9064	186.4140
1835	38.8092	285(3)	279.5075	185.8922
1836	38.8293	279(3)	279.4064	185.3678
1837	38.8494	283(3)	280.3343	184.8434
1838	38.8694	281(3)	281.9327	184.3215
1839	38.8894	282(3)	284.0701	183.8508
1840	38.9094	281(3)	286.8513	183.4018
1841	38.9296	284(3)	290.5584	182.9485
1842	38.9496	293(3)	295.3812	182.4995
1843	38.9697	297(3)	301.2486	182.0484
1844	38.9896	303(3)	307.5953	181.6017
1845	39.0097	308(3)	313.6122	181.1506
1846	39.0296	306(3)	317.7250	180.7039
1847	39.0496	305(3)	318.4894	180.2550
1848	39.0696	305(3)	315.2407	179.8061
1849	39.0894	302(3)	309.2202	179.3616
1850	39.1095	306(3)	302.0466	178.9105
1851	39.1294	301(3)	295.4872	178.4639
1852	39.1495	297(3)	290.3393	178.0127
1853	39.1696	309(3)	286.9238	177.5616
1854	39.1896	304(3)	285.0898	177.1127
1855	39.2095	300(3)	284.1709	176.6660
1856	39.2294	300(3)	283.4622	176.2193
1857	39.2493	290(3)	282.3523	175.7727
1858	39.2692	292(3)	280.5056	175.3260
1859	39.2893	291(3)	277.8795	174.8748
1860	39.3092	288(3)	274.8122	174.4281
1861	39.3292	279(3)	271.1044	173.9792
1862	39.3494	280(3)	268.1393	173.5259
1863	39.3693	276(3)	265.8250	173.0792
1864	39.3894	276(3)	264.1507	172.6280
1865	39.4094	271(3)	263.3304	172.1791
1866	39.4295	269(3)	263.1395	171.7280
1867	39.4494	263(3)	263.1749	171.2813
1868	39.4694	267(3)	263.1465	170.8324
1869	39.4894	262(3)	262.9275	170.3835
1870	39.5094	263(3)	262.6488	169.9346
1871	39.5294	256(3)	262.4958	169.4857
1872	39.5494	258(3)	262.7198	169.0367
1873	39.5695	255(3)	264.1010	168.5856
1874	39.5894	258(3)	266.0681	168.1389
1875	39.6096	267(3)	268.0566	167.6855
1876	39.6295	266(3)	269.2568	167.2389
1877	39.6496	268(3)	269.2603	166.7877
1878	39.6693	265(3)	268.3770	166.4544
1879	39.6894	270(3)	267.3612	166.3742
1880	39.7093	270(3)	266.1224	166.2948

1881	39.7296	269(3)	264.5832	166.2138
1882	39.7494	269(3)	262.0887	166.1348
1883	39.7694	266(3)	258.3369	166.0549
1884	39.7894	267(3)	254.2465	165.9751
1885	39.8094	256(3)	250.4639	165.8953
1886	39.8296	256(3)	247.6585	165.8147
1887	39.8493	250(3)	245.9238	165.7361
1888	39.8693	245(3)	245.2784	165.6562
1889	39.8893	246(3)	245.4341	165.5764
1890	39.9093	239(3)	246.1944	165.4966
1891	39.9293	245(3)	247.3943	165.4168
1892	39.9494	246(3)	248.9629	165.3366
1893	39.9693	238(3)	250.9917	165.2571
1894	39.9895	248(3)	253.7339	165.1765
1895	40.0094	247(3)	257.4492	165.0971
1896	40.0292	248(3)	262.0514	165.0181
1897	40.0493	254(3)	267.5641	164.9378
1898	40.0692	253(3)	272.9824	164.8584
1899	40.0892	253(3)	278.6132	164.7786
1900	40.1093	258(3)	282.9954	164.6984
1901	40.1292	262(3)	285.3581	164.6190
1902	40.1491	258(3)	285.2844	164.5395
1903	40.1692	256(3)	282.8011	164.4593
1904	40.1894	252(3)	278.3672	164.3787
1905	40.2093	246(3)	272.8027	164.2993
1906	40.2294	243(3)	266.6188	164.2191
1907	40.2495	236(3)	260.4560	164.1388
1908	40.2694	235(3)	254.7647	164.0594
1909	40.2894	232(3)	249.7247	163.9796
1910	40.3093	230(3)	245.1611	163.9002
1911	40.3294	224(3)	241.1192	163.8200
1912	40.3494	225(3)	237.2944	163.7401
1913	40.3693	227(3)	233.6591	163.6607
1914	40.3892	218(3)	230.1797	163.5813
1915	40.4092	223(3)	227.0289	163.5015
1916	40.4293	216(3)	224.2436	163.4212
1917	40.4494	221(3)	221.8148	163.3410
1918	40.4696	214(3)	219.7097	163.2604
1919	40.4893	213(3)	217.8193	163.1818
1920	40.5092	208(3)	215.9109	163.1024
1921	40.5293	214(3)	213.9697	163.0221
1922	40.5493	209(3)	212.0445	162.9423
1923	40.5693	212(3)	210.3383	162.8625
1924	40.5892	208(3)	209.0327	162.7831
1925	40.6092	211(3)	207.9680	162.7033
1926	40.6293	207(2)	207.4426	162.6230
1927	40.6494	205(2)	207.4261	162.5428
1928	40.6696	199(2)	207.6616	162.4615
1929	40.6896	211(3)	208.3383	162.3150
1930	40.7095	208(3)	209.2599	162.1692
1931	40.7293	215(3)	210.4065	162.0242
1932	40.7494	213(3)	211.7964	161.8769
1933	40.7694	216(3)	213.4458	161.7304
1934	40.7894	212(3)	215.4157	161.5839

1935	40.8094	219(3)	217.6326	161.4374
1936	40.8296	219(3)	219.9335	161.2894
1937	40.8495	224(3)	222.0935	161.1436
1938	40.8696	225(3)	224.1086	160.9964
1939	40.8894	230(3)	226.0835	160.8513
1940	40.9094	232(3)	228.3871	160.7048
1941	40.9294	236(3)	231.1368	160.5583
1942	40.9494	235(3)	234.4105	160.4118
1943	40.9696	246(3)	238.0421	160.2638
1944	40.9895	243(3)	241.7372	160.1180
1945	41.0094	252(3)	245.1739	159.9722
1946	41.0295	259(3)	248.2082	159.8250
1947	41.0494	255(3)	250.6470	159.6792
1948	41.0694	257(3)	252.9727	159.5327
1949	41.0893	257(3)	254.9977	159.3869
1950	41.1093	259(3)	256.9878	159.2404
1951	41.1294	263(3)	258.7999	159.0931
1952	41.1496	264(3)	260.4026	158.9451
1953	41.1696	267(3)	261.8015	158.7986
1954	41.1897	272(3)	263.3931	158.6514
1955	41.2096	271(3)	265.2175	158.5056
1956	41.2294	281(3)	267.4154	158.3605
1957	41.2494	278(3)	269.9081	158.2140
1958	41.2695	280(3)	272.2332	158.0668
1959	41.2894	280(3)	273.6034	157.9210
1960	41.3094	279(3)	273.3797	157.7745
1961	41.3294	278(3)	271.4483	157.6280
1962	41.3494	278(3)	268.1438	157.4814
1963	41.3694	280(3)	264.6472	157.3349
1964	41.3894	271(3)	261.6915	157.1884
1965	41.4094	263(3)	259.7307	157.0419
1966	41.4294	265(3)	258.7687	156.8954
1967	41.4495	265(3)	258.3399	156.7481
1968	41.4694	267(3)	257.8881	156.6023
1969	41.4893	254(3)	256.9289	156.4566
1970	41.5094	250(3)	255.1917	156.3093
1971	41.5294	252(3)	252.4809	156.1628
1972	41.5496	244(3)	249.3522	156.0148
1973	41.5695	247(3)	246.2742	155.8690
1974	41.5896	241(3)	244.0534	155.7218
1975	41.6096	243(3)	242.6641	155.5753
1976	41.6296	242(3)	242.1339	155.4287
1977	41.6496	239(3)	242.4249	155.2822
1978	41.6694	236(3)	243.0028	155.1372
1979	41.6893	232(3)	243.5618	154.9914
1980	41.7094	235(3)	243.1524	154.8441
1981	41.7294	227(3)	241.6588	154.6976
1982	41.7494	224(3)	238.9880	154.5511
1983	41.7694	230(3)	235.1972	154.4046
1984	41.7894	226(3)	230.5254	154.2581
1985	41.8094	225(3)	225.4241	154.1116
1986	41.8296	218(3)	220.2897	153.9636
1987	41.8493	223(3)	215.7822	153.8193
1988	41.8692	221(3)	211.8735	153.6735

1989	41.8892	217(3)	208.6339	153.5270
1990	41.9092	214(3)	206.0902	153.3804
1991	41.9293	213(3)	204.1381	153.2332
1992	41.9492	204(2)	202.6870	153.0874
1993	41.9693	208(3)	201.5730	152.9453
1994	41.9894	201(2)	200.7278	152.8075
1995	42.0094	200(2)	200.1274	152.6704
1996	42.0293	205(2)	199.6358	152.5339
1997	42.0493	204(2)	199.3808	152.3968
1998	42.0694	202(2)	199.3416	152.2590
1999	42.0894	200(2)	199.3919	152.1219
2000	42.1094	203(2)	199.5204	151.9848
2001	42.1293	204(2)	199.8073	151.8483
2002	42.1491	213(3)	200.3570	151.7126
2003	42.1691	205(2)	201.1703	151.5755
2004	42.1891	207(2)	202.3061	151.4384
2005	42.2092	208(3)	203.8291	151.3006
2006	42.2292	206(2)	205.7259	151.1634
2007	42.2491	210(3)	208.0016	151.0270
2008	42.2692	210(3)	210.6815	150.8892
2009	42.2892	213(3)	213.6615	150.7521
2010	42.3092	216(3)	216.8675	150.6149
2011	42.3291	213(3)	219.9866	150.4785
2012	42.3492	217(3)	222.8311	150.3407
2013	42.3692	216(3)	224.9599	150.2036
2014	42.3892	214(3)	226.2024	150.0665
2015	42.4093	217(3)	226.7199	149.9287
2016	42.4295	218(3)	226.5804	149.7902
2017	42.4496	218(3)	226.0939	149.6524
2018	42.4696	216(3)	225.1899	149.5153
2019	42.4896	219(3)	224.1830	149.3781
2020	42.5096	220(3)	223.1441	149.2410
2021	42.5294	216(3)	222.1231	149.1053
2022	42.5496	224(3)	220.9902	148.9668
2023	42.5694	218(3)	219.6290	148.8310
2024	42.5893	224(3)	217.9403	148.6946
2025	42.6093	221(3)	215.9654	148.5575
2026	42.6294	223(3)	213.8709	148.4197
2027	42.6494	221(3)	211.8983	148.2826
2028	42.6694	221(3)	210.2527	148.1454
2029	42.6893	227(3)	209.1119	148.0090
2030	42.7093	226(3)	208.5949	147.8719
2031	42.7291	226(3)	208.7252	147.7361
2032	42.7492	232(3)	209.4400	147.5984
2033	42.7691	232(3)	210.7578	147.4619
2034	42.7891	235(3)	212.3203	147.3248
2035	42.8093	237(3)	213.9152	147.1863
2036	42.8293	239(3)	215.2926	147.0492
2037	42.8494	238(3)	216.2514	146.9114
2038	42.8694	239(3)	216.8199	146.7743
2039	42.8894	237(3)	217.0554	146.6371
2040	42.9094	241(3)	217.1634	146.5000
2041	42.9296	245(3)	217.4062	146.3615
2042	42.9496	240(3)	218.0350	146.2244

2043	42.9697	245(3)	218.9990	146.0866
2044	42.9896	249(3)	220.4390	145.9502
2045	43.0097	250(3)	222.0809	145.8124
2046	43.0296	252(3)	223.9276	145.6759
2047	43.0497	249(3)	225.7690	145.5381
2048	43.0696	256(3)	227.5327	145.4017
2049	43.0894	247(3)	229.1075	145.2659
2050	43.1094	252(3)	230.2482	145.1289
2051	43.1294	251(3)	230.6517	144.9917
2052	43.1495	256(3)	230.1591	144.8539
2053	43.1696	241(3)	228.8320	144.7161
2054	43.1896	248(3)	227.0756	144.5790
2055	43.2094	238(3)	225.3447	144.4433
2056	43.2294	244(3)	223.9036	144.3061
2057	43.2493	237(3)	222.8647	144.1697
2058	43.2692	229(3)	222.2358	144.0333
2059	43.2892	230(3)	222.1143	143.8961
2060	43.3092	227(3)	222.1593	143.7590
2061	43.3293	219(3)	222.2153	143.6212
2062	43.3494	219(3)	222.2537	143.4834
2063	43.3694	220(3)	222.1341	143.3463
2064	43.3894	217(3)	221.8813	143.2092
2065	43.4095	215(3)	221.5446	143.0714
2066	43.4295	213(3)	221.2613	142.9342
2067	43.4493	214(3)	221.1472	142.7985
2068	43.4694	212(3)	221.2771	142.6607
2069	43.4894	208(3)	221.6761	142.5236
2070	43.5094	209(3)	222.1465	142.3865
2071	43.5294	205(2)	222.7230	142.2494
2072	43.5494	209(3)	223.0418	142.1122
2073	43.5694	208(3)	222.8887	141.9751
2074	43.5895	209(3)	222.2044	141.8373
2075	43.6095	214(3)	221.0332	141.7484
2076	43.6295	213(3)	219.7313	141.7695
2077	43.6494	218(3)	218.4748	141.7905
2078	43.6693	216(3)	217.5722	141.8115
2079	43.6894	221(3)	217.2977	141.8326
2080	43.7094	222(3)	217.8717	141.8537
2081	43.7295	230(3)	219.3562	141.8749
2082	43.7494	233(3)	221.7995	141.8959
2083	43.7693	234(3)	225.0828	141.9169
2084	43.7894	232(3)	229.0765	141.9380
2085	43.8095	235(3)	233.3830	141.9592
2086	43.8295	237(3)	237.5245	141.9803
2087	43.8493	235(3)	240.5776	142.0012
2088	43.8692	231(3)	241.7746	142.0222
2089	43.8893	232(3)	240.6212	142.0434
2090	43.9092	228(3)	237.3354	142.0643
2091	43.9293	226(3)	232.5199	142.0855
2092	43.9493	227(3)	227.1173	142.1066
2093	43.9694	221(3)	221.9128	142.1278
2094	43.9894	220(3)	217.4047	142.1488
2095	44.0093	217(3)	213.7708	142.1698
2096	44.0293	216(3)	210.9761	142.1909

2097	44.0492	212(3)	209.0179	142.2119
2098	44.0692	211(3)	207.8003	142.2330
2099	44.0893	212(3)	207.3566	142.2542
2100	44.1092	210(3)	207.7274	142.2751
2101	44.1293	204(2)	208.9768	142.2963
2102	44.1491	203(2)	211.0772	142.3172
2103	44.1692	209(3)	214.0704	142.3384
2104	44.1893	210(3)	217.8098	142.3596
2105	44.2093	210(3)	222.0877	142.3806
2106	44.2295	208(3)	226.6149	142.4019
2107	44.2495	208(3)	230.9974	142.4230
2108	44.2694	204(2)	234.8410	142.4440
2109	44.2894	210(3)	237.8959	142.4651
2110	44.3094	206(2)	239.8055	142.4861
2111	44.3294	206(2)	240.3832	142.5072
2112	44.3494	203(2)	239.7082	142.5283
2113	44.3693	207(2)	237.9624	142.5493
2114	44.3892	207(3)	235.5519	142.5703
2115	44.4093	205(3)	232.6986	142.5914
2116	44.4294	205(2)	229.7292	142.6126
2117	44.4494	202(2)	226.9021	142.6337
2118	44.4695	204(2)	224.2475	142.6549
2119	44.4893	201(2)	221.8672	142.6758
2120	44.5093	200(2)	219.4907	142.6968
2121	44.5293	205(2)	217.0424	142.7179
2122	44.5493	202(2)	214.6185	142.7390
2123	44.5693	198(2)	212.3608	142.7601
2124	44.5892	202(2)	210.2697	142.7811
2125	44.6092	201(2)	208.2262	142.8021
2126	44.6294	203(2)	206.0211	142.8234
2127	44.6494	200(2)	203.7895	142.8445
2128	44.6696	203(2)	201.5894	142.8658
2129	44.6896	201(2)	199.7422	142.8869
2130	44.7094	206(3)	198.4038	142.9077
2131	44.7294	206(3)	197.6267	142.9288
2132	44.7494	212(3)	197.4478	142.9499
2133	44.7694	207(3)	197.7917	142.9710
2134	44.7894	208(3)	198.8250	142.9921
2135	44.8095	213(3)	200.5472	143.0132
2136	44.8296	212(3)	202.9316	143.0344
2137	44.8496	213(3)	205.8923	143.0555
2138	44.8696	212(3)	209.2777	143.0766
2139	44.8894	216(3)	212.7538	143.0975
2140	44.9094	214(3)	215.9193	143.1185
2141	44.9296	206(3)	218.2921	143.1398
2142	44.9494	214(3)	219.4851	143.1607
2143	44.9695	210(3)	219.4306	143.1819
2144	44.9896	213(3)	218.2450	143.2031
2145	45.0094	210(3)	216.2660	143.2240
2146	45.0294	211(3)	213.6727	143.2450
2147	45.0494	215(3)	210.9919	143.2661
2148	45.0695	210(3)	208.5185	143.2873
2149	45.0893	211(3)	206.5396	143.3082
2150	45.1093	213(3)	205.1634	143.3292

2151	45.1294	212(3)	204.4091	143.3686
2152	45.1496	205(2)	204.2850	143.4359
2153	45.1697	213(3)	204.4007	143.5028
2154	45.1896	207(3)	204.7055	143.5691
2155	45.2096	214(3)	204.7954	143.6357
2156	45.2295	210(3)	205.0175	143.7020
2157	45.2494	211(3)	205.2807	143.7682
2158	45.2695	209(3)	205.6489	143.8351
2159	45.2893	208(3)	206.1145	143.9011
2160	45.3094	207(3)	206.7131	143.9680
2161	45.3294	205(2)	207.2332	144.0346
2162	45.3495	206(2)	207.6443	144.1015
2163	45.3695	201(2)	207.8790	144.1681
2164	45.3893	203(2)	207.8491	144.2341
2165	45.4095	207(3)	207.7675	144.3013
2166	45.4295	204(2)	207.5197	144.3679
2167	45.4496	198(2)	207.3762	144.4348
2168	45.4693	202(2)	207.4004	144.5004
2169	45.4894	201(2)	207.6032	144.5674
2170	45.5094	203(2)	208.0358	144.6340
2171	45.5294	203(2)	208.7224	144.7006
2172	45.5495	205(2)	209.5940	144.7675
2173	45.5696	201(2)	210.6007	144.8344
2174	45.5896	198(2)	211.4488	144.9010
2175	45.6096	193(2)	211.9701	144.9676
2176	45.6296	194(2)	211.8745	145.0342
2177	45.6496	197(2)	211.2769	145.1008
2178	45.6695	194(2)	209.8599	145.1671
2179	45.6893	188(2)	207.9801	145.2330
2180	45.7094	191(2)	205.8934	145.2999
2181	45.7294	191(2)	204.0688	145.3665
2182	45.7494	193(2)	202.2532	145.4331
2183	45.7693	188(2)	200.7864	145.4994
2184	45.7894	187(2)	199.7316	145.5663
2185	45.8095	187(2)	199.1027	145.6332
2186	45.8296	189(2)	198.8544	145.7002
2187	45.8493	188(2)	198.7733	145.7658
2188	45.8692	188(2)	198.7560	145.8320
2189	45.8892	188(2)	198.8654	145.8986
2190	45.9092	189(2)	199.1208	145.9652
2191	45.9293	193(2)	199.6539	146.0322
2192	45.9492	190(2)	200.6552	146.0984
2193	45.9693	192(2)	202.1568	146.1653
2194	45.9894	192(2)	204.0953	146.2323
2195	46.0094	195(2)	206.2614	146.2989
2196	46.0293	194(2)	208.4638	146.3651
2197	46.0493	203(2)	210.5429	146.4317
2198	46.0693	201(2)	212.3644	146.4983
2199	46.0894	201(2)	213.5977	146.5271
2200	46.1094	201(2)	214.6605	146.5534
2201	46.1292	201(2)	215.3305	146.5796
2202	46.1491	208(2)	215.7401	146.6058
2203	46.1691	208(2)	216.0413	146.6322
2204	46.1891	208(2)	216.2952	146.6586

2205	46.2092	210(2)	216.3985	146.6851
2206	46.2291	212(2)	215.9872	146.7113
2207	46.2492	214(2)	215.0680	146.7379
2208	46.2691	207(2)	213.8739	146.7641
2209	46.2892	216(2)	212.6406	146.7906
2210	46.3092	210(2)	211.5046	146.8170
2211	46.3291	211(2)	210.7246	146.8432
2212	46.3492	215(2)	210.3614	146.8698
2213	46.3691	215(2)	210.5206	146.8960
2214	46.3891	220(2)	211.2622	146.9224
2215	46.4093	218(2)	212.6360	146.9491
2216	46.4295	219(2)	214.6699	146.9757
2217	46.4496	220(2)	217.3159	147.0022
2218	46.4696	220(2)	220.4087	147.0286
2219	46.4895	226(2)	223.5375	147.0548
2220	46.5096	223(2)	226.3433	147.0813
2221	46.5295	229(2)	228.3894	147.1076
2222	46.5495	227(2)	229.8973	147.1340
2223	46.5694	226(2)	231.2402	147.1602
2224	46.5893	223(2)	232.7055	147.1865
2225	46.6093	228(2)	234.3069	147.2129
2226	46.6294	229(2)	235.7640	147.2394
2227	46.6494	232(2)	236.3018	147.2658
2228	46.6693	226(2)	235.0990	147.2920
2229	46.6893	223(2)	231.8607	147.3184
2230	46.7093	220(2)	227.3066	147.3448
2231	46.7291	215(2)	222.4751	147.3709
2232	46.7492	212(2)	217.9193	147.3974
2233	46.7691	210(2)	214.0242	147.4237
2234	46.7891	207(2)	210.9567	147.4500
2235	46.8093	211(2)	208.4656	147.4767
2236	46.8293	208(2)	206.6513	147.5031
2237	46.8493	217(2)	205.4054	147.5295
2238	46.8694	207(2)	204.5586	147.5560
2239	46.8894	213(2)	204.0675	147.5824
2240	46.9094	215(2)	204.0659	147.6087
2241	46.9296	221(2)	204.5668	147.6354
2242	46.9495	212(2)	205.7319	147.6616
2243	46.9697	217(2)	207.6528	147.6883
2244	46.9896	217(2)	209.8794	147.7145
2245	47.0097	219(2)	212.4912	147.7410
2246	47.0296	223(2)	215.3994	147.7673
2247	47.0497	220(2)	218.8056	147.7938
2248	47.0695	222(2)	222.6405	147.8199
2249	47.0893	223(2)	226.7085	147.8460
2250	47.1095	226(2)	230.2606	147.8727
2251	47.1294	229(2)	232.3877	147.8989
2252	47.1495	227(2)	232.9902	147.9254
2253	47.1696	223(2)	232.3398	147.9520
2254	47.1895	224(2)	231.2581	147.9782
2255	47.2095	228(2)	230.3583	148.0046
2256	47.2293	224(2)	229.9435	148.0307
2257	47.2493	224(2)	229.9429	148.0571
2258	47.2692	226(2)	230.4272	148.0834

2259	47.2892	224(2)	231.3306	148.1097
2260	47.3092	227(2)	232.7559	148.1361
2261	47.3293	226(2)	234.8522	148.1626
2262	47.3494	226(2)	237.6066	148.1986
2263	47.3693	235(2)	240.8657	148.2393
2264	47.3895	235(2)	244.5593	148.2806
2265	47.4095	232(2)	248.5514	148.3215
2266	47.4294	243(2)	252.8468	148.3621
2267	47.4493	240(2)	257.0986	148.4028
2268	47.4695	238(2)	260.7507	148.4441
2269	47.4894	242(2)	263.0328	148.4848
2270	47.5094	236(2)	263.7029	148.5257
2271	47.5294	239(2)	263.0917	148.5666
2272	47.5493	233(2)	261.5982	148.6073
2273	47.5695	238(2)	259.5894	148.6486
2274	47.5896	238(2)	256.8858	148.6897
2275	47.6094	230(2)	253.6605	148.7301
2276	47.6295	236(2)	250.0873	148.7712
2277	47.6494	230(2)	246.5671	148.8119
2278	47.6694	229(2)	243.3641	148.8528
2279	47.6894	227(2)	240.4520	148.8937
2280	47.7094	222(2)	237.9767	148.9346
2281	47.7294	227(2)	235.8987	148.9755
2282	47.7494	223(2)	234.3434	149.0164
2283	47.7694	225(2)	233.6469	149.0573
2284	47.7894	219(2)	233.5899	149.0982
2285	47.8096	222(2)	233.9981	149.1395
2286	47.8294	223(2)	234.7974	149.1799
2287	47.8493	222(2)	235.5305	149.2206
2288	47.8693	223(2)	235.8001	149.2615
2289	47.8893	220(2)	235.2023	149.3024
2290	47.9093	218(2)	233.5961	149.3433
2291	47.9293	221(2)	231.2940	149.3842
2292	47.9494	217(2)	228.7170	149.4253
2293	47.9694	215(2)	226.2403	149.4662
2294	47.9894	212(2)	224.1719	149.5070
2295	48.0093	219(2)	222.4401	149.5477
2296	48.0293	220(2)	221.3212	149.5886
2297	48.0493	214(2)	220.7839	149.6295
2298	48.0693	218(2)	220.9735	149.6704
2299	48.0892	219(2)	221.7996	149.7111
2300	48.1093	219(2)	223.2242	149.7522
2301	48.1293	223(2)	225.0037	149.7931
2302	48.1492	222(2)	226.7449	149.8338
2303	48.1692	226(2)	228.6384	149.8747
2304	48.1893	235(2)	230.8476	149.9158
2305	48.2094	233(2)	233.3396	149.9568
2306	48.2296	231(2)	236.1989	149.9981
2307	48.2494	233(2)	239.3295	150.0386
2308	48.2694	232(2)	242.7246	150.0795
2309	48.2894	234(2)	246.0553	150.1204
2310	48.3093	241(2)	248.8519	150.1611
2311	48.3295	238(2)	250.5849	150.2024
2312	48.3494	234(2)	250.8835	150.2431

2313	48.3692	237(2)	249.8357	150.2836
2314	48.3892	239(2)	247.8810	150.3244
2315	48.4093	239(2)	245.6525	150.3655
2316	48.4293	237(2)	243.8066	150.4064
2317	48.4495	228(2)	242.8043	150.4477
2318	48.4694	239(2)	242.8102	150.4884
2319	48.4894	243(2)	244.0793	150.5293
2320	48.5093	246(2)	246.6276	150.5700
2321	48.5294	247(2)	250.4207	150.6111
2322	48.5493	253(2)	255.3283	150.6518
2323	48.5692	257(2)	261.2433	150.6925
2324	48.5892	267(3)	267.8800	150.7334
2325	48.6093	271(3)	274.8060	150.7744
2326	48.6294	274(3)	281.1284	150.8155
2327	48.6494	279(3)	285.8062	150.8564
2328	48.6695	277(3)	288.1585	150.8975
2329	48.6897	278(3)	288.2938	150.9388
2330	48.7094	288(3)	287.3111	150.9791
2331	48.7294	280(3)	286.2377	151.0200
2332	48.7494	293(3)	285.8645	151.0609
2333	48.7693	291(3)	286.5746	151.1016
2334	48.7894	290(3)	288.2904	151.1427
2335	48.8095	292(3)	290.8279	151.1837
2336	48.8296	296(3)	293.7646	151.2249
2337	48.8496	298(3)	296.5410	151.2657
2338	48.8696	301(3)	299.0327	151.3066
2339	48.8894	309(3)	300.9947	151.3471
2340	48.9094	311(3)	302.6064	151.3880
2341	48.9296	313(3)	304.0471	151.4293
2342	48.9494	316(3)	305.6570	151.4698
2343	48.9696	319(3)	307.8762	151.5111
2344	48.9894	324(3)	311.0758	151.5516
2345	49.0095	328(3)	315.6594	151.5927
2346	49.0295	337(3)	321.5461	151.6335
2347	49.0495	337(3)	328.2441	151.6269
2348	49.0694	339(3)	334.5827	151.4822
2349	49.0893	340(3)	339.1267	151.3375
2350	49.1094	341(3)	340.3505	151.1914
2351	49.1294	337(3)	337.8032	151.0459
2352	49.1496	334(3)	332.5091	150.8990
2353	49.1696	336(3)	326.6815	150.7536
2354	49.1896	333(3)	321.6578	150.6082
2355	49.2096	329(3)	318.0917	150.4627
2356	49.2296	331(3)	315.6693	150.3173
2357	49.2495	328(3)	313.3191	150.1726
2358	49.2695	324(3)	309.9899	150.0272
2359	49.2893	330(3)	305.7993	149.8832
2360	49.3094	330(3)	301.8145	149.7370
2361	49.3294	319(3)	299.4050	149.5916
2362	49.3495	322(3)	298.9671	149.4454
2363	49.3694	322(3)	300.6281	149.3007
2364	49.3894	323(3)	303.5560	149.1553
2365	49.4095	315(3)	306.8181	149.0092
2366	49.4295	313(3)	309.0237	148.8637

2367	49.4494	316(3)	308.8892	148.7190
2368	49.4694	303(3)	305.7968	148.5736
2369	49.4894	304(3)	300.3855	148.4282
2370	49.5094	293(3)	294.2173	148.2827
2371	49.5295	291(3)	288.8022	148.1366
2372	49.5495	290(3)	285.1586	147.9911
2373	49.5695	289(3)	283.6430	147.8457
2374	49.5896	293(3)	284.4398	147.6995
2375	49.6096	300(3)	287.4394	147.5541
2376	49.6296	302(3)	292.3719	147.4087
2377	49.6496	308(3)	298.8466	147.2632
2378	49.6694	310(3)	305.6808	147.1193
2379	49.6894	313(3)	311.5033	146.9738
2380	49.7094	321(3)	314.8567	146.8284
2381	49.7294	324(3)	315.4742	146.6830
2382	49.7494	318(3)	314.1134	146.5375
2383	49.7694	322(3)	311.4840	146.3921
2384	49.7894	317(3)	307.9171	146.2467
2385	49.8096	315(3)	303.2122	146.0998
2386	49.8295	307(3)	297.3465	145.9551
2387	49.8493	294(3)	290.2972	145.8111
2388	49.8693	294(3)	282.5443	145.6657
2389	49.8892	282(3)	274.8170	145.5210
2390	49.9093	273(3)	267.5911	145.3748
2391	49.9292	269(3)	261.3361	145.2301
2392	49.9492	261(3)	256.2003	145.0847
2393	49.9693	254(2)	252.1972	144.9385
2394	49.9894	247(2)	249.2000	144.7924
2395	50.0093	243(2)	246.9491	144.6477
2396	50.0293	237(2)	245.1322	144.5022
2397	50.0493	236(2)	243.5605	144.3568
2398	50.0694	235(2)	242.0855	144.2106
2399	50.0894	233(2)	240.6274	144.0652
2400	50.1094	229(2)	239.1346	143.9198
2401	50.1292	229(2)	237.5256	143.7758
2402	50.1491	230(2)	235.7401	143.6311
2403	50.1691	224(2)	233.7560	143.4857
2404	50.1891	227(2)	231.5874	143.3403
2405	50.2091	228(2)	229.3474	143.1948
2406	50.2292	227(2)	227.1047	143.0487
2407	50.2492	224(2)	225.1285	142.9032
2408	50.2692	226(2)	223.6940	142.7578
2409	50.2892	222(2)	222.9651	142.6124
2410	50.3092	219(2)	222.9153	142.4669
2411	50.3292	217(2)	223.3399	142.3215
2412	50.3492	213(2)	223.8130	142.1761
2413	50.3691	212(2)	223.6962	142.0314
2414	50.3891	205(2)	222.9652	141.8859
2415	50.4093	205(2)	221.2361	141.7391
2416	50.4296	204(2)	218.6223	141.5914
2417	50.4496	202(2)	215.2255	141.4198
2418	50.4695	198(2)	211.3578	141.2355
2419	50.4896	198(2)	207.2163	141.0494
2420	50.5096	194(2)	202.9885	140.8642

2421	50.5295	192(2)	199.0484	140.6799
2422	50.5495	190(2)	195.3355	140.4947
2423	50.5694	188(2)	191.9505	140.3105
2424	50.5892	193(2)	189.0432	140.1271
2425	50.6094	187(2)	186.4750	139.9401
2426	50.6294	185(2)	184.2881	139.7549
2427	50.6494	182(2)	182.3833	139.5697
2428	50.6693	186(2)	180.7486	139.3854
2429	50.6893	183(2)	179.5324	139.2002
2430	50.7093	184(2)	178.5813	139.0150
2431	50.7291	183(2)	177.9610	138.8317
2432	50.7491	185(2)	177.5673	138.6465
2433	50.7691	187(2)	177.6417	138.4613
2434	50.7892	190(2)	178.0844	138.2752
2435	50.8092	187(2)	178.7947	138.0900
2436	50.8293	185(2)	179.6693	137.9039
2437	50.8494	185(2)	180.8299	137.7178
2438	50.8694	182(2)	182.0475	137.5326
2439	50.8894	186(2)	183.3457	137.3474
2440	50.9094	189(2)	184.7265	137.1622
2441	50.9296	191(2)	186.2047	136.9752
2442	50.9495	192(2)	187.6468	136.7909
2443	50.9696	191(2)	189.2052	136.6048
2444	50.9896	196(2)	190.9155	136.4196
2445	51.0097	200(2)	192.8553	136.2335
2446	51.0296	194(2)	194.9087	136.0492
2447	51.0497	201(2)	196.8421	135.8631
2448	51.0695	202(2)	198.2597	135.6797
2449	51.0893	198(2)	198.8170	135.4964
2450	51.1094	202(2)	198.5589	135.3103
2451	51.1295	201(2)	197.6490	135.1242
2452	51.1495	195(2)	196.1912	134.9390
2453	51.1696	202(2)	194.6681	134.7529
2454	51.1894	199(2)	193.0041	134.5695
2455	51.2095	199(2)	191.1781	134.3834
2456	51.2294	197(2)	189.4441	134.1991
2457	51.2493	198(2)	188.0580	134.0149
2458	51.2692	192(2)	186.9033	133.8306
2459	51.2891	192(2)	186.0247	133.6463
2460	51.3093	193(2)	185.6373	133.4593
2461	51.3293	193(2)	185.4865	133.2741
2462	51.3494	190(2)	185.4834	133.0880
2463	51.3693	189(2)	185.5408	132.9037
2464	51.3895	189(2)	185.6093	132.7167
2465	51.4095	187(2)	185.6357	132.5315
2466	51.4294	186(2)	185.4764	132.3472
2467	51.4494	186(2)	185.4162	132.1620
2468	51.4694	185(2)	185.3535	131.9769
2469	51.4894	184(2)	185.3302	131.7917
2470	51.5094	183(2)	185.3919	131.6065
2471	51.5293	181(2)	185.4698	131.4222
2472	51.5493	180(2)	185.5240	131.2370
2473	51.5696	182(2)	185.3293	131.0490
2474	51.5895	181(2)	185.0155	130.8648

2475	51.6095	182(2)	184.3639	130.6796
2476	51.6294	175(2)	183.3568	130.4953
2477	51.6494	179(2)	181.9368	130.3101
2478	51.6693	174(2)	180.2870	130.1259
2479	51.6895	177(2)	178.4666	129.9388
2480	51.7094	175(2)	176.6197	129.7545
2481	51.7294	176(2)	174.7985	129.5694
2482	51.7494	176(2)	173.1996	129.3842
2483	51.7694	172(2)	171.8053	129.1990
2484	51.7895	175(2)	170.6637	129.0128
2485	51.8096	175(2)	169.7553	128.8267
2486	51.8294	170(2)	169.0815	128.6434
2487	51.8493	175(2)	168.6068	128.4591
2488	51.8693	172(2)	168.3647	128.2739
2489	51.8892	177(2)	168.3369	128.0897
2490	51.9093	177(2)	168.5111	127.9036
2491	51.9293	171(2)	168.9143	127.7184
2492	51.9494	171(2)	169.6555	127.5323
2493	51.9693	172(2)	170.6726	127.3480
2494	51.9894	174(2)	172.0393	127.1619
2495	52.0094	178(2)	173.4174	126.9767
2496	52.0293	179(2)	174.9259	126.7924
2497	52.0493	173(2)	176.1533	126.6072
2498	52.0692	176(2)	176.8214	126.4230
2499	52.0892	174(2)	176.5854	126.3213
2500	52.1093	175(2)	176.0855	126.3505
2501	52.1293	175(2)	175.1639	126.3795
2502	52.1491	173(2)	174.0913	126.4082
2503	52.1692	171(2)	173.0787	126.4374
2504	52.1893	174(2)	172.2508	126.4665
2505	52.2094	172(2)	171.6865	126.4957
2506	52.2296	173(2)	171.4235	126.5250
2507	52.2494	169(2)	171.3920	126.5537
2508	52.2693	167(2)	171.4070	126.5826
2509	52.2895	165(2)	171.3762	126.6119
2510	52.3094	168(2)	171.1598	126.6408
2511	52.3294	167(2)	170.8241	126.6698
2512	52.3494	168(2)	170.4723	126.6988
2513	52.3692	174(2)	170.2613	126.7275
2514	52.3892	170(2)	170.3054	126.7565
2515	52.4093	167(2)	170.6858	126.7857
2516	52.4294	168(2)	171.4639	126.8148
2517	52.4494	173(2)	172.4222	126.8438
2518	52.4695	176(2)	173.5975	126.8730
2519	52.4893	174(2)	174.8109	126.9017
2520	52.5094	176(2)	175.8973	126.9309
2521	52.5294	173(2)	176.8759	126.9599
2522	52.5493	177(2)	177.6546	126.9888
2523	52.5692	173(2)	178.1680	127.0176
2524	52.5893	172(2)	178.4010	127.0468
2525	52.6092	172(2)	178.3963	127.0757
2526	52.6294	177(2)	178.2835	127.1050
2527	52.6495	171(2)	178.2058	127.1341
2528	52.6695	169(2)	178.2460	127.1631

2529	52.6896	175(2)	178.5307	127.1923
2530	52.7095	173(2)	179.0284	127.2212
2531	52.7294	175(2)	179.7173	127.2500
2532	52.7494	172(2)	180.7444	127.2791
2533	52.7694	175(2)	181.9751	127.3081
2534	52.7894	176(2)	183.4209	127.3371
2535	52.8096	173(2)	185.1310	127.3664
2536	52.8296	178(2)	186.8638	127.3954
2537	52.8496	176(2)	188.4521	127.4244
2538	52.8695	175(2)	189.7750	127.4533
2539	52.8894	178(2)	190.6424	127.4821
2540	52.9095	176(2)	190.9542	127.5113
2541	52.9296	178(2)	190.7027	127.5405
2542	52.9495	174(2)	189.9244	127.5693
2543	52.9695	176(2)	188.6508	127.5983
2544	52.9896	176(2)	187.2360	127.6275
2545	53.0094	177(2)	185.7585	127.6562
2546	53.0296	175(2)	184.3570	127.6855
2547	53.0494	175(2)	183.2072	127.7143
2548	53.0694	175(2)	182.3342	127.7433
2549	53.0893	175(2)	181.7683	127.7721
2550	53.1093	175(2)	181.6220	127.8012
2551	53.1296	176(2)	181.8770	127.8306
2552	53.1496	174(2)	182.5285	127.8596
2553	53.1696	171(2)	183.4968	127.8886
2554	53.1897	176(2)	184.6754	127.9178
2555	53.2096	175(2)	185.8005	127.9467
2556	53.2296	177(2)	186.6846	127.9757
2557	53.2494	177(2)	187.1509	128.0044
2558	53.2696	176(2)	187.1279	128.0337
2559	53.2894	174(2)	186.5428	128.0624
2560	53.3094	180(2)	185.5518	128.0914
2561	53.3294	176(2)	184.2914	128.1205
2562	53.3495	173(2)	182.9032	128.1496
2563	53.3695	176(2)	181.5039	128.1786
2564	53.3895	170(2)	180.0737	128.2076
2565	53.4094	169(2)	178.6086	128.2365
2566	53.4295	170(2)	177.1313	128.2657
2567	53.4495	168(2)	175.6579	128.2947
2568	53.4694	171(2)	174.2986	128.3235
2569	53.4893	169(2)	173.1226	128.3524
2570	53.5094	167(2)	172.1805	128.3816
2571	53.5295	167(2)	171.5568	128.4107
2572	53.5495	171(2)	171.2636	128.4397
2573	53.5696	169(2)	171.2480	128.4689
2574	53.5896	172(2)	171.4446	128.4979
2575	53.6097	165(2)	171.7085	128.5271
2576	53.6296	170(2)	171.9121	128.5559
2577	53.6496	170(2)	172.0564	128.5850
2578	53.6695	168(2)	172.1779	128.6138
2579	53.6894	167(2)	172.3662	128.6427
2580	53.7094	176(2)	172.6845	128.6717
2581	53.7294	167(2)	173.1414	128.7007
2582	53.7494	169(2)	173.7001	128.7297

2583	53.7694	168(2)	174.2895	128.7587
2584	53.7895	169(2)	174.8243	128.7879
2585	53.8095	168(2)	175.2445	128.8169
2586	53.8295	172(2)	175.5051	128.8459
2587	53.8493	172(2)	175.5517	128.8747
2588	53.8692	172(2)	175.4597	128.9035
2589	53.8893	169(2)	175.2449	128.9327
2590	53.9092	174(2)	175.0682	128.9615
2591	53.9293	169(2)	175.1181	129.0191
2592	53.9492	169(2)	175.4040	129.0919
2593	53.9693	172(2)	175.9279	129.1654
2594	53.9895	170(2)	176.6094	129.2392
2595	54.0093	173(2)	177.2487	129.3116
2596	54.0293	170(2)	177.6892	129.3847
2597	54.0494	176(2)	177.9085	129.4582
2598	54.0694	176(2)	177.9745	129.5313
2599	54.0894	174(2)	178.1342	129.6044
2600	54.1094	178(2)	178.4506	129.6775
2601	54.1293	175(2)	178.8547	129.7503
2602	54.1491	180(2)	179.1940	129.8227
2603	54.1691	181(2)	179.2767	129.8958
2604	54.1891	177(2)	178.9924	129.9689
2605	54.2092	179(2)	178.4105	130.0424
2606	54.2292	182(2)	177.6505	130.1155
2607	54.2492	180(2)	176.8440	130.1886
2608	54.2692	180(2)	176.0794	130.2617
2609	54.2893	178(2)	175.2897	130.3352
2610	54.3092	182(2)	174.5016	130.4079
2611	54.3292	183(2)	173.7997	130.4810
2612	54.3492	186(2)	173.1664	130.5542
2613	54.3692	185(2)	172.8006	130.6273
2614	54.3891	188(2)	172.6762	130.7000
2615	54.4093	186(2)	172.9110	130.7738
2616	54.4294	189(2)	173.5505	130.8473
2617	54.4496	192(2)	174.5786	130.9212
2618	54.4696	193(2)	175.9622	130.9943
2619	54.4896	193(2)	177.6389	131.0674
2620	54.5095	192(2)	179.6008	131.1401
2621	54.5296	192(2)	181.4788	131.2136
2622	54.5494	197(2)	183.0794	131.2860
2623	54.5695	191(2)	184.3080	131.3595
2624	54.5893	199(2)	184.8067	131.4319
2625	54.6093	201(2)	184.7832	131.5050
2626	54.6293	203(2)	184.5708	131.5781
2627	54.6494	201(2)	184.3466	131.6516
2628	54.6694	203(2)	184.2592	131.7247
2629	54.6893	201(2)	184.2760	131.7974
2630	54.7093	203(2)	184.4054	131.8705
2631	54.7291	205(2)	184.3557	131.9429
2632	54.7492	201(2)	184.0574	132.0164
2633	54.7691	199(2)	183.6355	132.0891
2634	54.7891	204(2)	183.1055	132.1623
2635	54.8093	202(2)	182.6111	132.2361
2636	54.8293	197(2)	182.3081	132.3092

2637	54.8494	204(2)	182.2961	132.3827
2638	54.8694	203(2)	182.6762	132.4558
2639	54.8894	202(2)	183.5110	132.5289
2640	54.9094	201(2)	184.8127	132.6020
2641	54.9296	204(2)	186.6784	132.6759
2642	54.9496	208(2)	189.0306	132.7490
2643	54.9696	209(2)	191.7323	132.8221
2644	54.9896	213(2)	194.7295	132.8952
2645	55.0097	223(2)	197.8802	132.9687
2646	55.0296	219(2)	200.9376	133.0414
2647	55.0497	220(2)	203.6574	133.1149
2648	55.0695	217(2)	205.6694	133.1873
2649	55.0894	221(2)	206.7556	133.2600
2650	55.1094	220(2)	206.7489	133.3331
2651	55.1294	215(2)	205.6906	133.4062
2652	55.1495	217(2)	203.8724	133.4797
2653	55.1696	212(2)	201.8020	133.5532
2654	55.1896	209(2)	199.8020	133.5623
2655	55.2094	206(2)	198.1082	133.4587
2656	55.2294	206(2)	196.7874	133.3540
2657	55.2493	204(2)	195.8958	133.2499
2658	55.2692	197(2)	195.2935	133.1458
2659	55.2892	203(2)	194.9406	133.0411
2660	55.3092	197(2)	194.8807	132.9365
2661	55.3293	192(2)	195.1423	132.8313
2662	55.3493	195(2)	195.6155	132.7266
2663	55.3694	194(2)	196.2919	132.6214
2664	55.3894	190(2)	196.9584	132.5168
2665	55.4095	194(2)	197.4883	132.4116
2666	55.4294	193(2)	197.7545	132.3075
2667	55.4493	193(2)	197.7543	132.2033
2668	55.4694	191(2)	197.4249	132.0981
2669	55.4894	188(2)	196.8441	131.9935
2670	55.5094	189(2)	196.0557	131.8888
2671	55.5293	187(2)	195.1253	131.7847
2672	55.5494	185(2)	194.0894	131.6795
2673	55.5694	184(2)	192.8991	131.5748
2674	55.5896	183(2)	191.6672	131.4691
2675	55.6094	181(2)	190.3178	131.3655
2676	55.6295	181(2)	188.7973	131.2603
2677	55.6494	176(2)	187.1761	131.1562
2678	55.6694	176(2)	185.5466	131.0515
2679	55.6894	178(2)	183.9496	130.9469
2680	55.7094	174(2)	182.5673	130.8422
2681	55.7294	171(2)	181.3956	130.7375
2682	55.7494	176(2)	180.4633	130.6329
2683	55.7694	173(2)	179.7703	130.5282
2684	55.7894	169(2)	179.1892	130.4236
2685	55.8095	172(2)	178.7340	130.3184
2686	55.8294	169(2)	178.4586	130.2143
2687	55.8493	176(2)	178.2943	130.1101
2688	55.8693	174(2)	178.2411	130.0054
2689	55.8892	170(2)	178.4213	129.9013
2690	55.9093	173(2)	178.7130	129.7961

2691	55.9292	177(2)	179.2039	129.6920
2692	55.9494	172(2)	179.8105	129.5863
2693	55.9694	176(2)	180.5650	129.4816
2694	55.9894	177(2)	181.4128	129.3770
2695	56.0093	178(2)	182.5096	129.2728
2696	56.0293	183(2)	184.0141	129.1682
2697	56.0492	191(2)	186.1138	129.0641
2698	56.0693	187(2)	188.9714	128.9589
2699	56.0892	198(2)	192.4796	128.8547
2700	56.1092	196(2)	196.3517	128.7501
2701	56.1293	205(2)	199.8425	128.6449
2702	56.1491	196(2)	201.8614	128.5413
2703	56.1692	203(2)	201.9613	128.4361
2704	56.1893	199(2)	200.5346	128.3309
2705	56.2094	196(2)	198.5974	128.2257
2706	56.2295	198(2)	196.9849	128.1205
2707	56.2494	200(2)	196.1027	128.0164
2708	56.2694	198(2)	195.8835	127.9117
2709	56.2894	196(2)	195.8806	127.8071
2710	56.3094	195(2)	195.5658	127.7024
2711	56.3294	192(2)	194.5248	127.5978
2712	56.3494	191(2)	192.7842	127.4931
2713	56.3692	193(2)	190.9143	127.3895
2714	56.3892	188(2)	189.3340	127.2848
2715	56.4093	185(2)	188.3584	127.1796
2716	56.4293	186(2)	188.0784	127.0750
2717	56.4495	186(2)	188.4329	126.9693
2718	56.4694	187(2)	189.3286	126.8651
2719	56.4894	190(2)	190.6766	126.7605
2720	56.5093	189(2)	192.4480	126.6563
2721	56.5293	193(2)	194.5188	126.5517
2722	56.5493	195(2)	196.8751	126.4470
2723	56.5693	200(2)	199.4509	126.3424
2724	56.5892	202(2)	202.1866	126.2382
2725	56.6092	201(2)	205.0226	126.1336
2726	56.6294	199(2)	207.8350	126.0279
2727	56.6494	207(2)	210.3538	125.9716
2728	56.6695	204(2)	212.3202	125.9475
2729	56.6896	203(2)	213.3127	125.9234
2730	56.7095	199(2)	213.1503	125.8995
2731	56.7294	199(2)	211.8754	125.8756
2732	56.7494	197(2)	209.7245	125.8517
2733	56.7693	195(2)	206.9972	125.8278
2734	56.7894	197(2)	203.9649	125.8037
2735	56.8096	192(2)	200.7877	125.7794
2736	56.8296	186(2)	197.6415	125.7554
2737	56.8496	182(2)	194.6026	125.7315
2738	56.8695	184(2)	191.8150	125.7076
2739	56.8894	177(2)	189.3395	125.6837
2740	56.9095	178(2)	187.2455	125.6596
2741	56.9296	178(2)	185.5899	125.6355
2742	56.9494	172(2)	184.3508	125.6118
2743	56.9695	174(2)	183.3987	125.5876
2744	56.9895	172(2)	182.6724	125.5637

2745	57.0096	172(2)	181.9790	125.5395
2746	57.0294	173(2)	181.2890	125.5158
2747	57.0495	172(2)	180.5427	125.4917
2748	57.0694	169(2)	179.6471	125.4678
2749	57.0893	169(2)	178.6977	125.4439
2750	57.1094	167(2)	177.7201	125.4198
2751	57.1294	167(2)	176.8515	125.3958
2752	57.1497	166(2)	176.1849	125.3715
2753	57.1696	167(2)	175.8228	125.3476
2754	57.1897	166(2)	175.7527	125.3235
2755	57.2096	165(2)	175.8360	125.2996
2756	57.2296	168(2)	176.0496	125.2757
2757	57.2494	169(2)	176.2785	125.2519
2758	57.2696	166(2)	176.7426	125.2277
2759	57.2894	165(2)	177.2845	125.2039
2760	57.3094	165(2)	177.9102	125.1799
2761	57.3294	164(2)	178.4973	125.1559
2762	57.3495	166(2)	178.9410	125.1318
2763	57.3695	167(2)	179.1200	125.1078
2764	57.3895	167(2)	178.9325	125.0838
2765	57.4095	167(2)	178.3604	125.0599
2766	57.4295	170(2)	177.4556	125.0359
2767	57.4494	166(2)	176.3885	125.0120
2768	57.4694	164(2)	175.0641	124.9880
2769	57.4894	163(2)	173.6322	124.9640
2770	57.5094	167(2)	172.0491	124.9400
2771	57.5295	165(2)	170.3841	124.9159
2772	57.5495	165(2)	168.6461	124.8919
2773	57.5695	164(2)	166.9695	124.8679
2774	57.5896	165(2)	165.3994	124.8438
2775	57.6096	166(2)	164.0175	124.8198
2776	57.6296	169(2)	162.9124	124.7958
2777	57.6495	161(2)	162.1235	124.7720
2778	57.6695	162(2)	161.5869	124.7480
2779	57.6893	167(2)	161.3817	124.7242
2780	57.7095	166(2)	161.4542	124.7000
2781	57.7294	168(2)	161.7973	124.6761
2782	57.7493	170(2)	162.3632	124.6523
2783	57.7695	170(2)	163.3265	124.6280
2784	57.7894	168(2)	164.5447	124.6042
2785	57.8095	170(2)	166.0185	124.5801
2786	57.8294	169(2)	167.6640	124.5562
2787	57.8493	168(2)	169.4548	124.5323
2788	57.8692	173(2)	171.3365	124.5084
2789	57.8892	174(2)	173.2923	124.4845
2790	57.9092	176(2)	175.2519	124.4605
2791	57.9292	181(2)	177.1696	124.4365
2792	57.9492	174(2)	178.8747	124.4125
2793	57.9694	176(2)	180.4449	124.3883
2794	57.9893	179(2)	181.8236	124.3644
2795	58.0095	181(2)	183.0700	124.3402
2796	58.0293	181(2)	184.2254	124.3164
2797	58.0493	181(2)	185.4644	124.2924
2798	58.0693	182(2)	186.8384	124.2684

2799	58.0894	181(2)	188.3589	124.2443
2800	58.1094	182(2)	189.9528	124.2203
2801	58.1292	186(2)	191.3946	124.1966
2802	58.1491	187(2)	192.4670	124.1727
2803	58.1690	185(2)	193.2409	124.1488
2804	58.1891	188(2)	193.7150	124.1247
2805	58.2091	186(2)	193.9817	124.1007
2806	58.2292	190(2)	194.1271	124.0766
2807	58.2492	182(2)	194.1569	124.0526
2808	58.2692	185(2)	193.9546	124.0286
2809	58.2893	186(2)	193.3364	124.0045
2810	58.3092	185(2)	192.1762	123.9807
2811	58.3292	183(2)	190.4119	123.9567
2812	58.3492	185(2)	188.1283	123.9327
2813	58.3691	181(2)	185.5082	123.9088
2814	58.3891	179(2)	182.7092	123.8848
2815	58.4093	178(2)	179.9074	123.8606
2816	58.4294	175(2)	177.2858	123.8365
2817	58.4496	176(2)	174.9013	123.8123
2818	58.4696	175(2)	172.8051	123.7883
2819	58.4896	171(2)	170.9750	123.7643
2820	58.5096	170(2)	169.4053	123.7403
2821	58.5294	174(2)	168.0507	123.7165
2822	58.5495	171(2)	166.8266	123.6924
2823	58.5694	167(2)	165.7075	123.6685
2824	58.5893	167(2)	164.6755	123.6447
2825	58.6093	170(2)	163.7458	123.6207
2826	58.6294	165(2)	162.9316	123.5966
2827	58.6494	163(2)	162.2674	123.5726
2828	58.6694	165(2)	161.7296	123.5794
2829	58.6893	163(2)	161.3125	123.6430
2830	58.7093	161(2)	160.9396	123.7068
2831	58.7291	164(2)	160.5966	123.7701
2832	58.7492	162(2)	160.2034	123.8343
2833	58.7691	162(2)	159.7459	123.8979
2834	58.7891	163(2)	159.2128	123.9618
2835	58.8093	164(2)	158.6245	124.0263
2836	58.8293	159.6(20)	157.9909	124.0902
2837	58.8493	158.8(20)	157.4103	124.1541
2838	58.8694	163(2)	156.7529	124.2184
2839	58.8894	160.2(20)	156.3284	124.2823
2840	58.9094	163(2)	156.0162	124.3462
2841	58.9296	159.6(20)	155.8187	124.4107
2842	58.9495	160.1(20)	155.7479	124.4743
2843	58.9696	158.8(20)	155.7958	124.5385
2844	58.9896	158.0(20)	155.9315	124.6024
2845	59.0097	156.5(20)	156.1592	124.6666
2846	59.0296	156.4(20)	156.4176	124.7302
2847	59.0497	159.6(20)	156.7559	124.7944
2848	59.0694	160.5(20)	157.1044	124.8574
2849	59.0893	159.7(20)	157.4863	124.9209
2850	59.1095	167(2)	157.9504	124.9855
2851	59.1294	161(2)	158.4582	125.0491
2852	59.1495	158.2(20)	159.0232	125.1133

2853	59.1694	164(2)	159.6668	125.1769
2854	59.1895	161(2)	160.4476	125.2411
2855	59.2094	163(2)	161.3366	125.3047
2856	59.2294	163(2)	162.3261	125.3686
2857	59.2493	162(2)	163.3714	125.4321
2858	59.2692	164(2)	164.4475	125.4957
2859	59.2891	164(2)	165.4677	125.5593
2860	59.3092	165(2)	166.4510	125.6235
2861	59.3293	168(2)	167.2820	125.6877
2862	59.3494	164(2)	167.9906	125.7520
2863	59.3693	167(2)	168.6135	125.8155
2864	59.3894	168(2)	169.2447	125.8798
2865	59.4095	172(2)	169.8895	125.9440
2866	59.4295	171(2)	170.5569	126.0079
2867	59.4493	169(2)	171.1385	126.0711
2868	59.4694	173(2)	171.6210	126.1354
2869	59.4894	169(2)	171.9425	126.1993
2870	59.5094	172(2)	172.1286	126.2632
2871	59.5293	171(2)	172.2659	126.3267
2872	59.5494	170(2)	172.3928	126.3910
2873	59.5694	170(2)	172.5188	126.4549
2874	59.5896	174(2)	172.6205	126.5194
2875	59.6095	172(2)	172.6838	126.5830
2876	59.6294	176(2)	172.7196	126.6466
2877	59.6494	170(2)	172.7657	126.7104
2878	59.6694	176(2)	172.8881	126.7744
2879	59.6894	173(2)	173.0784	126.8383
2880	59.7094	173(2)	173.3434	126.9022
2881	59.7294	173(2)	173.6673	126.9661
2882	59.7494	169(2)	173.9721	127.0300
2883	59.7694	172(2)	174.1832	127.0938
2884	59.7894	174(2)	174.3773	127.1577
2885	59.8094	175(2)	174.4742	127.2216
2886	59.8294	174(2)	174.4254	127.2856
2887	59.8493	176(2)	174.3128	127.3491
2888	59.8693	175(2)	174.0913	127.4130
2889	59.8892	175(2)	173.8518	127.4766
2890	59.9093	174(2)	173.5707	127.5408
2891	59.9294	178(2)	173.2993	127.6050
2892	59.9494	176(2)	173.0690	127.6689
2893	59.9693	181(2)	172.9073	127.7325
2894	59.9894	180(2)	172.9380	127.7967
2895	60.0094	182(2)	173.1603	127.8606
2896	60.0293	184(2)	173.6115	127.9242
2897	60.0493	187(2)	174.3416	127.9881
2898	60.0692	181(2)	175.3263	128.0517
2899	60.0892	186(2)	176.5333	128.1156
2900	60.1093	183(2)	177.8933	128.1798
2901	60.1293	188(2)	179.3070	128.2437
2902	60.1491	187(2)	180.6351	128.3070
2903	60.1692	186(2)	181.8764	128.3712
2904	60.1894	187(2)	182.9064	128.4166
2905	60.2094	190(2)	183.6962	128.4379
2906	60.2295	187(2)	184.2960	128.4593

2907	60.2494	189(2)	184.7434	128.4805
2908	60.2693	189(2)	185.0794	128.5017
2909	60.2894	188(2)	185.3229	128.5231
2910	60.3094	186(2)	185.4267	128.5444
2911	60.3295	188(2)	185.3324	128.5658
2912	60.3494	187(2)	185.0041	128.5870
2913	60.3692	188(2)	184.4323	128.6081
2914	60.3892	190(2)	183.6777	128.6294
2915	60.4093	190(2)	182.8258	128.6508
2916	60.4294	185(2)	181.9982	128.6722
2917	60.4494	185(2)	181.2960	128.6935
2918	60.4695	185(2)	180.7628	128.7149
2919	60.4894	184(2)	180.4597	128.7361
2920	60.5093	188(2)	180.4000	128.7573
2921	60.5293	183(2)	180.6192	128.7786
2922	60.5493	185(2)	181.0876	128.7999
2923	60.5692	186(2)	181.6824	128.8211
2924	60.5893	185(2)	182.3751	128.8425
2925	60.6093	186(2)	182.9216	128.8638
2926	60.6294	186(2)	183.2103	128.8852
2927	60.6494	185(2)	183.0373	128.9065
2928	60.6696	179(2)	182.4298	128.9280
2929	60.6896	181(2)	181.4712	128.9493
2930	60.7095	179(2)	180.2904	128.9705
2931	60.7294	184(2)	179.0400	128.9917
2932	60.7494	175(2)	177.8304	129.0130
2933	60.7693	181(2)	176.7317	129.0342
2934	60.7894	173(2)	175.7276	129.0556
2935	60.8096	172(2)	174.8115	129.0771
2936	60.8296	173(2)	173.9805	129.0984
2937	60.8496	177(2)	173.2612	129.1197
2938	60.8695	173(2)	172.6077	129.1409
2939	60.8894	172(2)	172.0982	129.1621
2940	60.9095	175(2)	171.7021	129.1835
2941	60.9296	173(2)	171.3316	129.2049
2942	60.9494	173(2)	171.0739	129.2260
2943	60.9695	175(2)	170.8358	129.2474
2944	60.9894	175(2)	170.5887	129.2686
2945	61.0096	175(2)	170.3039	129.2901
2946	61.0295	172(2)	170.0047	129.3113
2947	61.0495	171(2)	169.7804	129.3326
2948	61.0694	171(2)	169.6354	129.3538
2949	61.0893	171(2)	169.6111	129.3750
2950	61.1094	171(2)	169.6855	129.3964
2951	61.1294	169(2)	169.7751	129.4177
2952	61.1497	170(2)	169.7953	129.4393
2953	61.1696	170(2)	169.5985	129.4605
2954	61.1896	170(2)	169.1478	129.4818
2955	61.2096	172(2)	168.5042	129.5031
2956	61.2294	168(2)	167.8014	129.5242
2957	61.2496	169(2)	167.1844	129.5457
2958	61.2694	171(2)	166.7662	129.5668
2959	61.2893	172(2)	166.5670	129.5880
2960	61.3094	173(2)	166.5921	129.6094

2961	61.3294	174(2)	166.7808	129.6307
2962	61.3496	172(2)	167.0483	129.6523
2963	61.3695	175(2)	167.2964	129.6734
2964	61.3896	174(2)	167.4785	129.6949
2965	61.4094	175(2)	167.5233	129.7159
2966	61.4295	174(2)	167.4312	129.7374
2967	61.4494	176(2)	167.2663	129.7585
2968	61.4694	175(2)	167.0811	129.7798
2969	61.4894	172(2)	166.9370	129.8011
2970	61.5094	173(2)	166.8892	129.8224
2971	61.5295	174(2)	167.0026	129.8438
2972	61.5494	175(2)	167.2866	129.8650
2973	61.5696	173(2)	167.7786	129.8866
2974	61.5896	172(2)	168.4551	129.9079
2975	61.6097	176(2)	169.2856	129.9293
2976	61.6296	169(2)	170.2697	129.9505
2977	61.6495	171(2)	171.3750	129.9716
2978	61.6694	173(2)	172.5417	129.9928
2979	61.6894	176(2)	173.7623	130.0141
2980	61.7094	178(2)	175.0005	130.0354
2981	61.7294	174(2)	176.2226	130.0567
2982	61.7494	171(2)	177.3673	130.0780
2983	61.7694	168(2)	178.3292	130.0993
2984	61.7894	175(2)	179.1091	130.1207
2985	61.8095	173(2)	179.6787	130.1421
2986	61.8294	175(2)	179.9832	130.1631
2987	61.8493	173(2)	180.0226	130.1834
2988	61.8692	172(2)	179.8085	130.2037
2989	61.8893	172(2)	179.3610	130.2242
2990	61.9092	173(2)	178.7223	130.2445
2991	61.9292	170(2)	177.9074	130.2650
2992	61.9492	171(2)	176.9939	130.2854
2993	61.9694	169(2)	175.9803	130.3060
2994	61.9894	172(2)	174.9158	130.3264
2995	62.0094	173(2)	173.7739	130.3468
2996	62.0293	172(2)	172.5465	130.3672
2997	62.0493	173(2)	171.3034	130.3876
2998	62.0694	172(2)	170.0867	130.4081
2999	62.0894	169(2)	168.9080	130.4285
3000	62.1093	166(2)	167.8304	130.4488
3001	62.1293	166(2)	166.8979	130.4692
3002	62.1491	168(2)	166.1521	130.4895
3003	62.1691	168(2)	165.5482	130.5099
3004	62.1891	167(2)	165.1297	130.5303
3005	62.2092	165(2)	164.8907	130.5508
3006	62.2292	167(2)	164.8256	130.5712
3007	62.2492	167(2)	164.9181	130.5916
3008	62.2691	167(2)	165.1606	130.6120
3009	62.2892	161(2)	165.5748	130.6325
3010	62.3092	169(2)	166.1454	130.6529
3011	62.3292	168(2)	166.8549	130.6733
3012	62.3492	168(2)	167.6391	130.6937
3013	62.3691	168(2)	168.4254	130.7141
3014	62.3892	169(2)	169.1308	130.7346

3015	62.4093	168(2)	169.7577	130.7551
3016	62.4294	171(2)	170.3026	130.7756
3017	62.4496	170(2)	170.8233	130.7962
3018	62.4696	169(2)	171.2824	130.8167
3019	62.4895	168(2)	171.6797	130.8370
3020	62.5096	168(2)	171.9148	130.8575
3021	62.5295	170(2)	171.9821	130.8778
3022	62.5494	171(2)	171.7891	130.8981
3023	62.5694	169(2)	171.3105	130.9185
3024	62.5893	171(2)	170.6017	130.9388
3025	62.6093	172(2)	169.7221	130.9593
3026	62.6294	169(2)	168.7834	130.9798
3027	62.6494	168(2)	167.9021	131.0002
3028	62.6693	168(2)	167.1295	131.0205
3029	62.6893	167(2)	166.4665	131.0409
3030	62.7093	168(2)	165.9074	131.0614
3031	62.7291	167(2)	165.4372	131.0816
3032	62.7491	167(2)	164.9839	131.1020
3033	62.7691	165(2)	164.5628	131.1224
3034	62.7892	167(2)	164.1135	131.1429
3035	62.8092	169(2)	163.6700	131.1633
3036	62.8293	165(2)	163.2369	131.1839
3037	62.8493	164(2)	162.8722	131.2043
3038	62.8694	163(2)	162.6268	131.2248
3039	62.8894	166(2)	162.4554	131.2452
3040	62.9094	163(2)	162.4272	131.2656
3041	62.9296	163(2)	162.5063	131.2863
3042	62.9495	164(2)	162.6615	131.3066
3043	62.9696	161(2)	162.8455	131.3271
3044	62.9896	161(2)	163.0184	131.3475
3045	63.0097	166(2)	163.1146	131.3680
3046	63.0296	162(2)	163.1256	131.3883
3047	63.0496	161(2)	163.0301	131.4088
3048	63.0695	162(2)	162.8037	131.4291
3049	63.0893	160(2)	162.4782	131.4493
3050	63.1095	164(2)	162.0255	131.4699
3051	63.1294	160(2)	161.4942	131.4902
3052	63.1496	162(2)	160.8609	131.5108
3053	63.1694	166(2)	160.0594	131.5311
3054	63.1896	164(2)	159.2445	131.5517
3055	63.2094	165(2)	158.4380	131.5719
3056	63.2294	159.0(20)	157.6310	131.5923
3057	63.2493	164(2)	156.7852	131.6126
3058	63.2691	162(2)	156.0748	131.6328
3059	63.2891	159.5(20)	155.4201	131.6533
3060	63.3093	162(2)	154.8375	131.6739
3061	63.3294	158.6(20)	154.3246	131.6944
3062	63.3493	162(2)	153.8755	131.7147
3063	63.3693	157.2(20)	153.4510	131.7351
3064	63.3894	158.7(20)	153.1388	131.7557
3065	63.4096	162(2)	152.8756	131.7763
3066	63.4295	162(2)	152.6600	131.7966
3067	63.4494	158.1(20)	152.4865	131.8169
3068	63.4694	162(2)	152.3510	131.8373

3069	63.4894	158.0(20)	152.2824	131.8577
3070	63.5094	159.7(20)	152.2645	131.8782
3071	63.5294	158.2(20)	152.3231	131.8986
3072	63.5493	159.0(20)	152.4412	131.9189
3073	63.5696	158(2)	152.6388	131.9396
3074	63.5895	155.7(20)	152.8925	131.9599
3075	63.6095	157.7(20)	153.1785	131.9710
3076	63.6294	158.0(20)	153.4842	131.9759
3077	63.6494	154.1(20)	153.7993	131.9808
3078	63.6694	161(2)	154.0956	131.9858
3079	63.6894	162(2)	154.4102	131.9907
3080	63.7093	158.4(20)	154.7641	131.9956
3081	63.7294	162(2)	155.1596	132.0006
3082	63.7494	161(2)	155.5978	132.0055
3083	63.7694	155.9(20)	156.0670	132.0105
3084	63.7895	163(2)	156.5469	132.0154
3085	63.8094	155.9(20)	156.9926	132.0203
3086	63.8294	161(2)	157.3866	132.0253
3087	63.8493	161(2)	157.7167	132.0302
3088	63.8693	160.0(20)	157.9790	132.0351
3089	63.8892	162(2)	158.1517	132.0400
3090	63.9093	162(2)	158.2547	132.0450
3091	63.9293	166(2)	158.3250	132.0499
3092	63.9494	167(2)	158.3597	132.0549
3093	63.9693	166(2)	158.4463	132.0598
3094	63.9895	164(2)	158.5531	132.0648
3095	64.0093	166(2)	158.6820	132.0697
3096	64.0293	160(2)	158.9154	132.0746
3097	64.0493	162(2)	159.0415	132.0796
3098	64.0692	164(2)	159.1388	132.0845
3099	64.0892	161(2)	159.2383	132.0894
3100	64.1093	164(2)	159.3581	132.0944
3101	64.1293	162(2)	159.5127	132.0993
3102	64.1491	161(2)	159.6825	132.1042
3103	64.1692	163(2)	159.8597	132.1092
3104	64.1894	161(2)	160.0671	132.1142
3105	64.2094	158.5(20)	160.2766	132.1191
3106	64.2295	163(2)	160.5348	132.1241
3107	64.2494	163(2)	160.8489	132.1290
3108	64.2694	162(2)	161.2396	132.1339
3109	64.2895	162(2)	161.6888	132.1389
3110	64.3094	165(2)	162.1711	132.1438
3111	64.3294	163(2)	162.6523	132.1487
3112	64.3494	165(2)	163.0967	132.1537
3113	64.3692	164(2)	163.4258	132.1585
3114	64.3892	163(2)	163.6521	132.1635
3115	64.4093	165(2)	163.7625	132.1684
3116	64.4293	167(2)	163.8162	132.1734
3117	64.4494	164(2)	163.8138	132.1783
3118	64.4695	166(2)	163.8551	132.1833
3119	64.4894	163(2)	163.9160	132.1882
3120	64.5093	165(2)	164.1086	132.1931
3121	64.5293	167(2)	164.3882	132.1981
3122	64.5492	170(2)	164.7407	132.2030

3123	64.5693	171(2)	165.1420	132.2079
3124	64.5893	167(2)	165.5343	132.2129
3125	64.6093	167(2)	165.8700	132.2178
3126	64.6293	170(2)	166.1509	132.2227
3127	64.6494	169(2)	166.3664	132.2277
3128	64.6696	173(2)	166.5194	132.2327
3129	64.6897	171(2)	166.6289	132.2377
3130	64.7094	168(2)	166.7313	132.2425
3131	64.7294	171(2)	166.8737	132.2475
3132	64.7494	173(2)	167.0719	132.2524
3133	64.7694	174(2)	167.3276	132.2573
3134	64.7894	170(2)	167.6322	132.2623
3135	64.8096	168(2)	167.9923	132.2673
3136	64.8296	167(2)	168.3653	132.2722
3137	64.8496	170(2)	168.7381	132.2771
3138	64.8694	172(2)	169.1008	132.2820
3139	64.8894	171(2)	169.4642	132.2870
3140	64.9095	168(2)	169.8251	132.2919
3141	64.9296	173(2)	170.2203	132.2969
3142	64.9494	172(2)	170.6713	132.3018
3143	64.9694	176(2)	171.2022	132.3067
3144	64.9896	175(2)	171.8309	132.3117
3145	65.0094	175(2)	172.5672	132.3166
3146	65.0296	176(2)	173.4387	132.3216
3147	65.0494	176(2)	174.4016	132.3265
3148	65.0693	176(2)	175.5005	132.3314
3149	65.0893	177(2)	176.5884	132.3363
3150	65.1094	178(2)	177.5689	132.3413
3151	65.1296	181(2)	178.2332	132.3246
3152	65.1495	180(2)	178.3893	132.2968
3153	65.1696	180(2)	178.0704	132.2688
3154	65.1896	180(2)	177.3644	132.2409
3155	65.2096	177(2)	176.4771	132.2130
3156	65.2295	175(2)	175.6007	132.1852
3157	65.2495	172(2)	174.8558	132.1573
3158	65.2694	174(2)	174.3132	132.1295
3159	65.2893	175(2)	173.9223	132.1018
3160	65.3094	174(2)	173.6485	132.0737
3161	65.3294	168(2)	173.4173	132.0458
3162	65.3496	171(2)	173.1929	132.0177
3163	65.3694	172(2)	172.9190	131.9900
3164	65.3895	166(2)	172.5736	131.9620
3165	65.4095	173(2)	172.1943	131.9341
3166	65.4296	172(2)	171.7494	131.9061
3167	65.4494	165(2)	171.3032	131.8784
3168	65.4694	170(2)	170.8582	131.8505
3169	65.4894	168(2)	170.4222	131.8226
3170	65.5095	169(2)	169.9879	131.7946
3171	65.5294	169(2)	169.5602	131.7668
3172	65.5494	170(2)	169.1416	131.7389
3173	65.5696	165(2)	168.7161	131.7107
3174	65.5897	167(2)	168.3040	131.6827
3175	65.6096	165(2)	167.9224	131.6549
3176	65.6296	166(2)	167.5087	131.6270

3177	65.6495	163(2)	167.1133	131.5993
3178	65.6694	170(2)	166.7210	131.5715
3179	65.6894	168(2)	166.3339	131.5436
3180	65.7094	167(2)	166.0531	131.5157
3181	65.7294	171(2)	165.8736	131.4878
3182	65.7494	168(2)	165.7924	131.4599
3183	65.7694	163(2)	165.8253	131.4320
3184	65.7894	171(2)	165.9584	131.4041
3185	65.8094	170(2)	166.2273	131.3762
3186	65.8294	174(2)	166.6531	131.3483
3187	65.8493	173(2)	167.2726	131.3205
3188	65.8692	175(2)	168.1199	131.2927
3189	65.8892	179(2)	169.2895	131.2648
3190	65.9092	180(2)	170.8373	131.2369
3191	65.9293	180(2)	172.8136	131.2089
3192	65.9492	184(2)	175.2045	131.1811
3193	65.9693	190(2)	178.0228	131.1531
3194	65.9894	190(2)	181.1064	131.1250
3195	66.0093	193(2)	184.1044	131.0973
3196	66.0293	190(2)	186.6625	131.0694
3197	66.0494	190(2)	188.3864	131.0413
3198	66.0694	189(2)	189.0394	131.0134
3199	66.0893	189(2)	188.7253	130.9857
3200	66.1094	188(2)	187.6887	130.9576
3201	66.1293	181(2)	186.3191	130.9299
3202	66.1491	183(2)	184.8072	130.9022
3203	66.1691	174(2)	183.2308	130.8743
3204	66.1891	174(2)	181.5915	130.8464
3205	66.2091	174(2)	179.9198	130.8185
3206	66.2292	174(2)	178.2887	130.7905
3207	66.2492	171(2)	176.6769	130.7626
3208	66.2691	165(2)	175.2021	130.7348
3209	66.2892	169(2)	173.8754	130.7068
3210	66.3092	171(2)	172.7613	130.6789
3211	66.3292	166(2)	171.8721	130.6510
3212	66.3492	171(2)	171.2089	130.6231
3213	66.3692	165(2)	170.7537	130.5952
3214	66.3892	163(2)	170.4819	130.5673
3215	66.4094	168(2)	170.3765	130.5391
3216	66.4294	165(2)	170.4163	130.5112
3217	66.4496	169(2)	170.5598	130.4830
3218	66.4696	171(2)	170.7585	130.4551
3219	66.4896	166(2)	170.9518	130.4272
3220	66.5096	169(2)	171.1078	130.3993
3221	66.5295	169(2)	171.1015	130.3715
3222	66.5494	167(2)	170.9375	130.3438
3223	66.5694	170(2)	170.6230	130.3159
3224	66.5893	172(2)	170.2160	130.2881
3225	66.6094	171(2)	169.7698	130.2600
3226	66.6294	173(2)	169.3495	130.2321
3227	66.6494	172(2)	168.9510	130.2042
3228	66.6693	168(2)	168.5650	130.1765
3229	66.6894	167(2)	168.1664	130.1484
3230	66.7093	171(2)	167.7340	130.1207

3231	66.7291	170(2)	167.2497	130.0930
3232	66.7491	168(2)	166.7226	130.0651
3233	66.7691	168(2)	166.1756	130.0372
3234	66.7892	166(2)	165.6234	130.0092
3235	66.8094	166(2)	165.0953	129.9810
3236	66.8293	164(2)	164.6191	129.9532
3237	66.8494	168(2)	164.2542	129.9252
3238	66.8694	168(2)	164.0369	129.8973
3239	66.8896	169(2)	163.9334	129.8691
3240	66.9094	167(2)	163.9830	129.8415
3241	66.9296	163(2)	164.1720	129.8133
3242	66.9495	161(2)	164.4489	129.7856
3243	66.9696	165(2)	164.7190	129.7575
3244	66.9897	161(2)	164.8923	129.7295
3245	67.0096	165(2)	164.9680	129.7017
3246	67.0296	163(2)	164.9514	129.6884
3247	67.0497	160(2)	165.0142	129.6797
3248	67.0694	161(2)	165.1126	129.6712
3249	67.0894	162(2)	165.3813	129.6626
3250	67.1095	162(2)	165.8230	129.6539
3251	67.1295	162(2)	166.3664	129.6452
3252	67.1494	164(2)	166.9900	129.6366
3253	67.1695	161(2)	167.5835	129.6279
3254	67.1895	161(2)	168.2234	129.6192
3255	67.2095	165(2)	168.7943	129.6106
3256	67.2294	166(2)	169.2721	129.6020
3257	67.2493	159(2)	169.6255	129.5934
3258	67.2691	164(2)	169.8232	129.5848
3259	67.2892	164(2)	169.8564	129.5761
3260	67.3093	160(2)	169.6911	129.5674
3261	67.3294	165(2)	169.3193	129.5587
3262	67.3493	160(2)	168.7851	129.5501
3263	67.3693	160(2)	168.1245	129.5414
3264	67.3894	157(2)	167.4178	129.5328
3265	67.4096	156.4(20)	166.7493	129.5240
3266	67.4294	161(2)	166.2090	129.5154
3267	67.4494	165(2)	165.7878	129.5068
3268	67.4696	166(2)	165.5122	129.4980
3269	67.4894	167(2)	165.3919	129.4895
3270	67.5093	164(2)	165.3779	129.4809
3271	67.5294	162(2)	165.4458	129.4722
3272	67.5493	166(2)	165.5270	129.4636
3273	67.5696	164(2)	165.5453	129.4548
3274	67.5895	167(2)	165.4993	129.4462
3275	67.6094	167(2)	165.3835	129.4376
3276	67.6294	165(2)	165.2019	129.4289
3277	67.6495	171(2)	165.0060	129.4202
3278	67.6693	170(2)	164.8149	129.4117
3279	67.6894	170(2)	164.6648	129.4030
3280	67.7094	171(2)	164.5805	129.3943
3281	67.7293	173(2)	164.6094	129.3857
3282	67.7494	170(2)	164.7797	129.3770
3283	67.7694	168(2)	165.0967	129.3683
3284	67.7894	173(2)	165.5702	129.3597

3285	67.8095	172(2)	166.2294	129.3510
3286	67.8294	171(2)	167.0541	129.3424
3287	67.8493	174(2)	168.0659	129.3338
3288	67.8692	175(2)	169.2346	129.3251
3289	67.8892	176(2)	170.5515	129.3165
3290	67.9094	177(2)	171.9726	129.3078
3291	67.9293	178(2)	173.3679	129.2991
3292	67.9494	178(2)	174.6834	129.2905
3293	67.9693	180(2)	175.7722	129.2818
3294	67.9894	177(2)	176.5818	129.2731
3295	68.0094	178(2)	177.0690	129.2645
3296	68.0293	176(2)	177.2228	129.2559
3297	68.0491	178(2)	177.0809	129.2473
3298	68.0693	179(2)	176.6825	129.2386
3299	68.0892	177(2)	176.0292	129.2300
3300	68.1093	175(2)	175.3729	129.2213
3301	68.1292	178(2)	174.7224	129.2127
3302	68.1491	177(2)	174.1061	129.2040
3303	68.1692	177(2)	173.5353	129.1954
3304	68.1894	179(2)	173.0410	129.1866
3305	68.2094	175(2)	172.6108	129.1780
3306	68.2294	168(2)	172.2195	129.1693
3307	68.2494	171(2)	171.8573	129.1606
3308	68.2694	173(2)	171.4958	129.1520
3309	68.2895	170(2)	171.1083	129.1433
3310	68.3094	170(2)	170.6837	129.1347
3311	68.3294	167(2)	170.2135	129.1260
3312	68.3493	169(2)	169.6913	129.1174
3313	68.3692	167(2)	169.1428	129.1088
3314	68.3893	169(2)	168.5920	129.1001
3315	68.4093	167(2)	168.1375	129.0915
3316	68.4293	168(2)	167.7774	129.0828
3317	68.4494	166(2)	167.5414	129.0741
3318	68.4695	167(2)	167.4282	129.0654
3319	68.4894	169(2)	167.4007	129.0568
3320	68.5093	169(2)	167.4122	129.0482
3321	68.5293	170(2)	167.4529	129.0396
3322	68.5492	167(2)	167.4941	129.0309
3323	68.5693	167(2)	167.5430	129.0222
3324	68.5893	166(2)	167.6326	129.0136
3325	68.6092	169(2)	167.7794	129.0050
3326	68.6293	172(2)	167.9899	128.9963
3327	68.6494	175(2)	168.2224	128.9876
3328	68.6695	175(2)	168.5573	128.9789
3329	68.6897	178(2)	168.9202	128.9701
3330	68.7094	176(2)	169.2794	128.9616
3331	68.7293	173(2)	169.6193	128.9354
3332	68.7494	174(2)	169.9333	128.8755
3333	68.7694	175(2)	170.2638	128.8159
3334	68.7895	179(2)	170.6586	128.7561
3335	68.8095	182(2)	171.1673	128.6965
3336	68.8296	180(2)	171.8285	128.6366
3337	68.8496	177(2)	172.6623	128.5770
3338	68.8695	183(2)	173.6497	128.5177

3339	68.8894	185(2)	174.7173	128.4584
3340	68.9096	182(2)	175.7819	128.3982
3341	68.9295	184(2)	176.6754	128.3389
3342	68.9494	190(2)	177.4028	128.2796
3343	68.9694	187(2)	177.9528	128.2200
3344	68.9896	185(2)	178.4447	128.1599
3345	69.0095	186(2)	178.8816	128.1006
3346	69.0296	189(2)	179.1972	128.0407
3347	69.0494	187(2)	179.2225	127.9817
3348	69.0694	182(2)	178.7939	127.9221
3349	69.0893	181(2)	177.8531	127.8628
3350	69.1094	181(2)	176.4667	127.8029
3351	69.1296	184(2)	174.8797	127.7427
3352	69.1496	178(2)	173.2686	127.6831
3353	69.1696	175(2)	171.7439	127.6235
3354	69.1897	175(2)	170.3549	127.5637
3355	69.2096	172(2)	169.1057	127.5044
3356	69.2296	170(2)	167.9788	127.4448
3357	69.2494	171(2)	167.0204	127.3858
3358	69.2694	173(2)	166.2106	127.3262
3359	69.2894	173(2)	165.5709	127.2666
3360	69.3094	173(2)	165.0771	127.2070
3361	69.3294	173(2)	164.7517	127.1474
3362	69.3496	172(2)	164.5249	127.0872
3363	69.3694	172(2)	164.3665	127.0282
3364	69.3896	175(2)	164.2623	126.9680
3365	69.4096	173(2)	164.1795	126.9085
3366	69.4296	172(2)	164.1024	126.8489
3367	69.4494	171(2)	163.9932	126.7899
3368	69.4695	172(2)	163.7995	126.7300
3369	69.4894	172(2)	163.4917	126.6707
3370	69.5094	171(2)	163.0552	126.6111
3371	69.5294	171(2)	162.4862	126.5515
3372	69.5495	169(2)	161.8783	126.4916
3373	69.5696	170(2)	161.2939	126.4317
3374	69.5897	169(2)	160.8006	126.3718
3375	69.6096	169(2)	160.4523	126.3126
3376	69.6296	168(2)	160.2798	126.2530
3377	69.6494	169(2)	160.2966	126.1940
3378	69.6695	169(2)	160.5061	126.1341
3379	69.6894	169(2)	160.8802	126.0748
3380	69.7094	166(2)	161.3979	126.0152
3381	69.7294	171(2)	162.0151	125.9556
3382	69.7493	170(2)	162.6814	125.8963
3383	69.7694	171(2)	163.3622	125.8364
3384	69.7894	173(2)	163.9773	125.7768
3385	69.8094	171(2)	164.4655	125.7172
3386	69.8294	169(2)	164.8065	125.6577
3387	69.8493	170(2)	164.9509	125.5984
3388	69.8693	169(2)	164.8934	125.5388
3389	69.8892	171(2)	164.6507	125.4795
3390	69.9093	171(2)	164.2571	125.4196
3391	69.9292	165(2)	163.7268	125.3603
3392	69.9493	169(2)	163.0867	125.3004

3393	69.9693	169(2)	162.3442	125.2408
3394	69.9894	167(2)	161.5084	125.1809
3395	70.0093	162(2)	160.6328	125.1216
3396	70.0293	167(2)	159.7352	125.0621
3397	70.0494	160(2)	158.8528	125.0022
3398	70.0694	157.5(20)	158.0792	124.9426
3399	70.0893	160(2)	157.3741	124.8833
3400	70.1094	161(2)	156.7306	124.8234
3401	70.1293	157.4(20)	156.1312	124.7641
3402	70.1492	157.3(20)	155.5522	124.7048
3403	70.1691	156.0(20)	154.9841	124.6455
3404	70.1891	157.0(20)	154.4137	124.5859
3405	70.2092	154.2(20)	153.8627	124.5260
3406	70.2292	157(2)	153.3373	124.4664
3407	70.2492	152.4(20)	152.8794	124.4069
3408	70.2691	154.4(20)	152.4982	124.3476
3409	70.2893	152.6(20)	152.1822	124.2874
3410	70.3092	152.1(20)	151.9316	124.2281
3411	70.3293	158(2)	151.7024	124.1682
3412	70.3491	152.5(20)	151.4829	124.1092
3413	70.3692	155.2(20)	151.2443	124.0493
3414	70.3892	152.4(20)	150.9942	123.9897
3415	70.4094	151.7(20)	150.7180	123.9295
3416	70.4294	151.7(20)	150.4221	123.8700
3417	70.4496	150.7(20)	150.0779	123.7853
3418	70.4696	151.1(20)	149.7074	123.6988
3419	70.4896	150.2(19)	149.3309	123.6123
3420	70.5096	153.2(20)	148.9539	123.5258
3421	70.5295	150.3(20)	148.5265	123.4398
3422	70.5494	146.0(19)	148.0998	123.3537
3423	70.5694	148.4(19)	147.6635	123.2673
3424	70.5894	150.6(20)	147.2278	123.1808
3425	70.6094	152.1(20)	146.8125	123.0943
3426	70.6294	150.8(20)	146.4252	123.0078
3427	70.6494	147.8(19)	146.0911	122.9213
3428	70.6693	146.1(19)	145.8157	122.8353
3429	70.6893	155.1(20)	145.6112	122.7488
3430	70.7093	149.1(20)	145.4901	122.6623
3431	70.7292	149.3(20)	145.4771	122.5763
3432	70.7491	150.9(20)	145.5203	122.4902
3433	70.7691	150.7(20)	145.6466	122.4037
3434	70.7893	150.9(20)	145.8286	122.3164
3435	70.8092	151.6(20)	146.0457	122.2304
3436	70.8293	148.6(19)	146.2817	122.1434
3437	70.8493	147.8(19)	146.5054	122.0570
3438	70.8694	149.7(20)	146.7262	121.9700
3439	70.8895	153.9(20)	146.9262	121.8831
3440	70.9094	149.6(20)	147.1245	121.7971
3441	70.9296	151.8(20)	147.3243	121.7097
3442	70.9495	151.2(20)	147.5089	121.6237
3443	70.9697	150.5(19)	147.6831	121.5363
3444	70.9896	151.1(20)	147.8505	121.4503
3445	71.0097	149.2(19)	148.0040	121.3634
3446	71.0297	148.4(19)	148.1057	121.2769

3447	71.0496	148.7(19)	148.2159	121.1908
3448	71.0695	152.6(20)	148.3219	121.1048
3449	71.0894	152.0(20)	148.4059	121.0187
3450	71.1095	151.0(20)	148.4553	120.9318
3451	71.1296	147.8(19)	148.5619	120.8449
3452	71.1494	149.2(19)	148.6774	120.7593
3453	71.1695	147.5(19)	148.8080	120.6724
3454	71.1896	149.9(20)	148.9521	120.5855
3455	71.2095	146.2(19)	149.1096	120.4994
3456	71.2294	149.2(20)	149.2964	120.4133
3457	71.2493	145.4(19)	149.5324	120.3273
3458	71.2692	149.0(19)	149.8143	120.2412
3459	71.2892	150.5(20)	150.1266	120.1548
3460	71.3093	150.5(20)	150.4745	120.0679
3461	71.3293	149.5(19)	150.8348	119.9814
3462	71.3494	147.5(19)	151.1246	119.8945
3463	71.3693	146.6(19)	151.3560	119.8084
3464	71.3894	147.5(19)	151.4620	119.7215
3465	71.4096	149.1(20)	151.4050	119.6342
3466	71.4295	148.1(20)	151.1640	119.5481
3467	71.4495	145.7(19)	150.7606	119.4616
3468	71.4694	146.4(19)	150.2161	119.3756
3469	71.4894	149.3(19)	149.5548	119.2891
3470	71.5094	146.5(19)	148.8328	119.2026
3471	71.5294	144.5(19)	148.0678	119.1161
3472	71.5494	144.9(19)	147.2938	119.0296
3473	71.5696	142.2(19)	146.5262	118.9423
3474	71.5896	146.2(19)	145.7832	118.8558
3475	71.6094	146.4(19)	145.0956	118.7702
3476	71.6294	146.6(19)	144.4550	118.6837
3477	71.6494	142.9(19)	143.8965	118.5972
3478	71.6694	148.5(19)	143.4277	118.5107
3479	71.6893	144.3(19)	143.0569	118.4247
3480	71.7093	150.9(20)	142.7683	118.3382
3481	71.7294	144.2(19)	142.5512	118.2513
3482	71.7495	146.6(19)	142.4087	118.1644
3483	71.7693	144.8(19)	142.3575	118.0788
3484	71.7896	143.6(19)	142.3597	117.9910
3485	71.8095	146.1(19)	142.4236	117.9049
3486	71.8294	147.2(19)	142.5467	117.8189
3487	71.8493	141.5(19)	142.7188	117.7329
3488	71.8693	147.5(19)	142.8768	117.6464
3489	71.8892	144.7(19)	143.0730	117.5603
3490	71.9093	146.8(19)	143.2339	117.4734
3491	71.9294	144.1(19)	143.3189	117.3865
3492	71.9494	149.2(19)	143.3122	117.3000
3493	71.9693	144.4(19)	143.1930	117.2140
3494	71.9895	146.7(19)	142.9808	117.1266
3495	72.0094	146.5(19)	142.6895	117.0406
3496	72.0293	144.0(19)	142.3268	116.9545
3497	72.0493	151.2(20)	141.9195	116.8680
3498	72.0692	144.1(19)	141.4768	116.7820
3499	72.0892	145.8(19)	141.0019	116.6955
3500	72.1093	147.0(19)	140.5317	116.6086

3501	72.1293	141.5(19)	140.0863	116.5221
3502	72.1491	145.9(19)	139.6636	116.4365
3503	72.1692	143.9(19)	139.2415	116.3496
3504	72.1894	148.1(19)	138.9076	116.2622
3505	72.2094	146.1(19)	138.6755	116.2070
3506	72.2296	148.1(19)	138.5446	116.2098
3507	72.2493	142.8(19)	138.4931	116.2126
3508	72.2694	143.3(19)	138.4921	116.2155
3509	72.2894	140.2(19)	138.5688	116.2183
3510	72.3094	142.6(19)	138.6959	116.2211
3511	72.3295	144.1(19)	138.8644	116.2239
3512	72.3493	145.0(19)	139.0359	116.2267
3513	72.3693	144.4(19)	139.2525	116.2296
3514	72.3892	143.6(19)	139.4774	116.2324
3515	72.4093	145.4(19)	139.7242	116.2352
3516	72.4294	145.8(19)	139.9849	116.2380
3517	72.4494	143.3(19)	140.2558	116.2409
3518	72.4695	148.3(19)	140.5574	116.2437
3519	72.4894	143.9(19)	140.8851	116.2465
3520	72.5093	142.5(19)	141.2360	116.2493
3521	72.5293	148.6(19)	141.6062	116.2521
3522	72.5493	146.2(19)	141.9911	116.2550
3523	72.5692	143.5(19)	142.3926	116.2578
3524	72.5893	146.0(19)	142.8094	116.2606
3525	72.6093	147.9(19)	143.2377	116.2634
3526	72.6293	146.9(19)	143.6646	116.2663
3527	72.6494	146.6(19)	144.0562	116.2691
3528	72.6696	146.4(19)	144.3934	116.2719
3529	72.6897	145.2(19)	144.6568	116.2748
3530	72.7095	146.2(19)	144.8109	116.2776
3531	72.7294	147.1(19)	144.9040	116.2804
3532	72.7493	148.1(19)	144.9135	116.2832
3533	72.7694	146.2(19)	144.8567	116.2860
3534	72.7894	145.0(19)	144.7335	116.2888
3535	72.8096	145.2(19)	144.5679	116.2917
3536	72.8296	146.0(19)	144.3705	116.2945
3537	72.8496	149.2(19)	144.1499	116.2973
3538	72.8694	145.1(19)	143.9195	116.3001
3539	72.8895	148.7(20)	143.6980	116.3030
3540	72.9095	143.9(19)	143.5012	116.3058
3541	72.9296	145.4(19)	143.3315	116.3086
3542	72.9494	147.0(19)	143.2005	116.3114
3543	72.9695	146.8(19)	143.0991	116.3143
3544	72.9895	145.8(19)	143.0272	116.3171
3545	73.0095	146.9(19)	143.0045	116.3199
3546	73.0295	144.5(19)	143.0340	116.3227
3547	73.0494	145.1(19)	143.1184	116.3255
3548	73.0694	148.7(19)	143.2687	116.3284
3549	73.0893	145.4(19)	143.4719	116.3312
3550	73.1094	145.9(19)	143.7103	116.3340
3551	73.1296	146.1(19)	143.9475	116.3369
3552	73.1496	147.1(19)	144.1668	116.3397
3553	73.1696	146.6(19)	144.3770	116.3425
3554	73.1896	147.7(19)	144.5786	116.3453

3555	73.2096	147.3(19)	144.7780	116.3482
3556	73.2296	145.1(19)	144.9797	116.3510
3557	73.2495	150.8(20)	145.1879	116.3538
3558	73.2694	149.7(20)	145.3761	116.3566
3559	73.2893	145.3(19)	145.5804	116.3594
3560	73.3094	147.4(19)	145.7912	116.3622
3561	73.3295	150.7(20)	146.0093	116.3651
3562	73.3494	148.6(20)	146.2165	116.3679
3563	73.3695	148.9(20)	146.4567	116.3707
3564	73.3896	150.8(20)	146.7134	116.3736
3565	73.4094	152.0(20)	146.9743	116.3764
3566	73.4296	149.6(20)	147.2683	116.3792
3567	73.4494	153.4(20)	147.5747	116.3820
3568	73.4696	149.6(20)	147.9052	116.3849
3569	73.4894	150.8(20)	148.2448	116.3876
3570	73.5095	151.1(20)	148.5955	116.3905
3571	73.5294	150.3(20)	148.9523	116.3933
3572	73.5495	150.3(20)	149.3072	116.3961
3573	73.5696	152.6(20)	149.6353	116.3990
3574	73.5897	146.3(19)	149.9139	116.4018
3575	73.6096	147.2(19)	150.1012	116.4046
3576	73.6296	151.7(20)	150.1596	116.4074
3577	73.6495	150.0(20)	150.0684	116.4102
3578	73.6694	146.2(19)	149.8218	116.4131
3579	73.6894	151.2(20)	149.4124	116.4159
3580	73.7094	144.3(19)	148.8658	116.4187
3581	73.7293	149.0(20)	148.2104	116.4215
3582	73.7494	147.1(19)	147.4765	116.4243
3583	73.7694	146.3(19)	146.7142	116.4272
3584	73.7894	147.4(19)	145.9795	116.4300
3585	73.8094	148.2(19)	145.2825	116.4328
3586	73.8295	143.9(19)	144.6462	116.4357
3587	73.8493	148.3(19)	144.0860	116.4384
3588	73.8692	144.0(19)	143.5932	116.4413
3589	73.8893	145.3(19)	143.1560	116.4441
3590	73.9092	144.8(19)	142.7800	116.4469
3591	73.9292	143.0(19)	142.4468	116.4497
3592	73.9492	146.5(19)	142.1318	116.4525
3593	73.9694	141.3(19)	141.8412	116.4554
3594	73.9893	144.7(19)	141.5607	116.4582
3595	74.0093	144.8(19)	141.2761	116.4610
3596	74.0293	142.6(19)	140.9762	116.4639
3597	74.0494	144.2(19)	140.6423	116.4578
3598	74.0694	140.2(19)	140.2699	116.4457
3599	74.0894	141.6(19)	139.8776	116.4337
3600	74.1093	144.3(19)	139.4999	116.4217
3601	74.1293	140.3(19)	139.1509	116.4096
3602	74.1492	141.1(19)	138.8822	116.3977
3603	74.1690	139.8(19)	138.6854	116.3857
3604	74.1891	140.7(19)	138.5765	116.3736
3605	74.2092	140.8(19)	138.5536	116.3615
3606	74.2292	141.2(19)	138.6191	116.3495
3607	74.2492	140.5(19)	138.7321	116.3374
3608	74.2691	137.5(19)	138.8742	116.3254

3609	74.2892	140.1(19)	139.0450	116.3133
3610	74.3092	136.5(19)	139.2184	116.3013
3611	74.3292	140.1(19)	139.3993	116.2892
3612	74.3492	136.8(19)	139.5876	116.2772
3613	74.3692	140.2(19)	139.7859	116.2651
3614	74.3892	140.3(19)	140.0007	116.2531
3615	74.4094	137.1(19)	140.2209	116.2409
3616	74.4294	138.8(19)	140.4647	116.2289
3617	74.4496	141.5(19)	140.6951	116.2167
3618	74.4696	137.8(19)	140.9036	116.2047
3619	74.4896	141.2(19)	141.0698	116.1926
3620	74.5096	139.5(19)	141.1720	116.1806
3621	74.5295	134.8(19)	141.1993	116.1686
3622	74.5494	137.9(19)	141.1531	116.1566
3623	74.5694	140.1(19)	141.0363	116.1445
3624	74.5893	140.1(19)	140.8658	116.1325
3625	74.6094	138.9(19)	140.6642	116.1204
3626	74.6294	140.0(19)	140.4448	116.1084
3627	74.6494	143.0(19)	140.2256	116.0964
3628	74.6693	137.7(19)	140.0161	116.0844
3629	74.6893	140.6(19)	139.8167	116.0723
3630	74.7093	136.3(19)	139.6587	116.0603
3631	74.7292	140.8(19)	139.5371	116.0483
3632	74.7491	136.0(19)	139.4476	116.0363
3633	74.7691	140.7(19)	139.4192	116.0242
3634	74.7892	138.2(19)	139.4130	116.0121
3635	74.8093	139.8(19)	139.4508	116.0000
3636	74.8293	139.3(19)	139.4971	115.9880
3637	74.8493	140.7(19)	139.5717	115.9759
3638	74.8694	143.5(19)	139.6189	115.9638
3639	74.8895	141.7(19)	139.6502	115.9517
3640	74.9095	142.4(19)	139.6930	115.9397
3641	74.9296	142.6(19)	139.7365	115.9276
3642	74.9494	142.1(19)	139.8036	115.9156
3643	74.9697	141.8(19)	139.9194	115.9034
3644	74.9896	145.0(19)	140.0865	115.8914
3645	75.0097	141.5(19)	140.3242	115.8793
3646	75.0297	144.1(19)	140.6356	115.8673
3647	75.0496	140.9(19)	141.0082	115.8553
3648	75.0695	142.8(19)	141.4169	115.8433
3649	75.0894	146.5(19)	141.8632	115.8313
3650	75.1094	141.5(19)	142.3102	115.8193
3651	75.1296	142.6(19)	142.7225	115.8071
3652	75.1495	141.2(19)	143.0728	115.7951
3653	75.1695	143.8(19)	143.3386	115.7831
3654	75.1895	140.2(19)	143.4917	115.7710
3655	75.2095	143.3(19)	143.5183	115.7590
3656	75.2293	140.0(19)	143.3988	115.7470
3657	75.2494	137.1(19)	143.1279	115.7349
3658	75.2692	139.8(19)	142.7271	115.7230
3659	75.2892	140.6(19)	142.2008	115.7110
3660	75.3093	140.3(19)	141.5919	115.6988
3661	75.3293	136.3(19)	140.9284	115.6868
3662	75.3494	137.5(19)	140.2405	115.6747

3663	75.3693	137.0(19)	139.5613	115.6627
3664	75.3894	137.7(19)	138.9192	115.6506
3665	75.4096	138.3(19)	138.3347	115.6384
3666	75.4294	138.4(19)	137.7912	115.6265
3667	75.4494	137.3(19)	137.3153	115.6145
3668	75.4695	137.2(19)	136.8851	115.6023
3669	75.4894	135.7(19)	136.5221	115.5904
3670	75.5094	137.2(19)	136.2227	115.5783
3671	75.5294	134.1(19)	135.9784	115.5663
3672	75.5494	136.1(19)	135.7841	115.5542
3673	75.5696	135.7(19)	135.6247	115.5499
3674	75.5896	138.0(19)	135.4927	115.5498
3675	75.6094	135.7(19)	135.3839	115.5497
3676	75.6294	133.9(18)	135.2835	115.5496
3677	75.6494	135.3(19)	135.1983	115.5495
3678	75.6693	136.1(19)	135.1645	115.5494
3679	75.6894	135.8(19)	135.1274	115.5493
3680	75.7094	134.8(19)	135.1219	115.5492
3681	75.7293	134.7(19)	135.1479	115.5491
3682	75.7494	132.4(18)	135.2007	115.5490
3683	75.7694	136.7(19)	135.2822	115.5489
3684	75.7894	134.7(19)	135.3752	115.5488
3685	75.8095	133.1(18)	135.4702	115.5487
3686	75.8294	134.9(19)	135.5540	115.5486
3687	75.8493	132.1(18)	135.6009	115.5485
3688	75.8693	133.1(19)	135.6195	115.5484
3689	75.8893	132.4(18)	135.5948	115.5482
3690	75.9092	135.5(19)	135.5094	115.5481
3691	75.9294	135.1(19)	135.3710	115.5480
3692	75.9494	136.7(19)	135.1691	115.5479
3693	75.9693	134.1(18)	134.9222	115.5478
3694	75.9894	131.4(18)	134.6302	115.5477
3695	76.0094	133.7(18)	134.3197	115.5476
3696	76.0293	131.5(18)	134.0056	115.5475
3697	76.0493	136.1(19)	133.7058	115.5474
3698	76.0692	135.1(19)	133.4331	115.5473
3699	76.0892	134.7(19)	133.1893	115.5472
3700	76.1093	132.7(18)	132.9740	115.5471
3701	76.1293	135.1(19)	132.7919	115.5470
3702	76.1492	133.7(18)	132.6277	115.5469
3703	76.1692	133.9(19)	132.5093	115.5468
3704	76.1894	132.1(18)	132.4239	115.5467
3705	76.2094	133.8(18)	132.3743	115.5466
3706	76.2296	136.1(19)	132.3637	115.5465
3707	76.2494	134.0(19)	132.3907	115.5463
3708	76.2694	136.9(19)	132.4543	115.5462
3709	76.2894	131.9(18)	132.5331	115.5461
3710	76.3094	134.7(19)	132.6366	115.5460
3711	76.3295	133.3(19)	132.7314	115.5459
3712	76.3493	134.4(19)	132.8009	115.5458
3713	76.3692	136.0(19)	132.8465	115.5457
3714	76.3892	132.2(18)	132.8554	115.5456
3715	76.4093	130.9(18)	132.8170	115.5455
3716	76.4293	135.4(19)	132.7457	115.5454

3717	76.4494	133.1(18)	132.6428	115.5453
3718	76.4695	134.3(19)	132.5176	115.5452
3719	76.4894	132.4(18)	132.4014	115.5451
3720	76.5093	132.7(18)	132.3022	115.5450
3721	76.5293	136.2(19)	132.2297	115.5449
3722	76.5492	136.4(19)	132.1543	115.5448
3723	76.5693	136.5(19)	132.1557	115.5447
3724	76.5892	136.6(19)	132.1940	115.5446
3725	76.6093	133.6(19)	132.2648	115.5445
3726	76.6293	136.4(19)	132.3833	115.5443
3727	76.6494	135.8(19)	132.5261	115.5442
3728	76.6696	135.6(19)	132.6777	115.5441
3729	76.6896	137.0(19)	132.8408	115.5440
3730	76.7095	137.8(19)	133.0007	115.5439
3731	76.7294	132.4(18)	133.1510	115.5438
3732	76.7493	135.2(19)	133.2844	115.5437
3733	76.7694	138.4(19)	133.4028	115.5436
3734	76.7894	135.1(19)	133.4951	115.5435
3735	76.8096	137.9(19)	133.5635	115.5434
3736	76.8296	135.9(19)	133.6172	115.5433
3737	76.8495	137.7(19)	133.6528	115.5432
3738	76.8695	136.6(19)	133.6925	115.5431
3739	76.8894	135.1(19)	133.7176	115.5430
3740	76.9096	139.1(19)	133.7443	115.5429
3741	76.9296	139.0(19)	133.7677	115.5428
3742	76.9494	138.4(19)	133.8101	115.5427
3743	76.9694	133.8(18)	133.8680	115.5426
3744	76.9895	138.5(19)	133.9180	115.5424
3745	77.0096	137.4(19)	133.9693	115.5423
3746	77.0295	135.2(19)	133.9940	115.5422
3747	77.0494	137.0(19)	133.9634	115.5421
3748	77.0694	138.0(19)	133.8820	115.5420
3749	77.0893	140.8(19)	133.7461	115.5419
3750	77.1094	133.8(19)	133.5593	115.5418
3751	77.1296	136.0(19)	133.3367	115.5417
3752	77.1496	139.2(19)	133.0969	115.5416
3753	77.1696	139.4(19)	132.8580	115.5415
3754	77.1897	133.4(18)	132.6237	115.5414
3755	77.2096	137.0(19)	132.4086	115.5413
3756	77.2296	139.5(19)	132.2157	115.5412
3757	77.2494	136.7(19)	132.0529	115.5411
3758	77.2694	133.5(18)	131.9232	115.5410
3759	77.2893	134.5(19)	131.8365	115.5409
3760	77.3094	136.4(19)	131.8055	115.5408
3761	77.3296	139.3(19)	131.8288	115.5407
3762	77.3494	135.2(19)	131.9137	115.5406
3763	77.3696	139.0(19)	132.0505	115.5405
3764	77.3894	138.0(19)	132.2329	115.5403
3765	77.4094	139.6(19)	132.4509	115.5402
3766	77.4296	136.7(19)	132.7033	115.5401
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3768	77.4695	140.1(19)	133.2539	115.5399
3769	77.4894	136.6(19)	133.5486	115.5398
3770	77.5094	137.3(19)	133.8599	115.5397

3771	77.5295	137.2(19)	134.1979	115.5396
3772	77.5494	138.9(19)	134.5562	115.5395
3773	77.5696	140.8(19)	134.9454	115.5394
3774	77.5897	136.8(19)	135.3770	115.5393
3775	77.6095	142.3(19)	135.8362	115.5392
3776	77.6296	138.5(19)	136.3313	115.5391
3777	77.6495	145.0(19)	136.8780	115.5569
3778	77.6693	141.1(19)	137.5014	115.6264
3779	77.6894	141.4(19)	138.1410	115.6971
3780	77.7094	140.9(19)	138.7559	115.7673
3781	77.7293	140.5(19)	139.3186	115.8372
3782	77.7494	142.8(19)	139.8140	115.9078
3783	77.7694	142.1(19)	140.2382	115.9781
3784	77.7894	144.3(19)	140.5707	116.0483
3785	77.8094	142.4(19)	140.8098	116.1186
3786	77.8294	145.3(19)	140.9513	116.1888
3787	77.8493	141.9(19)	140.9940	116.2587
3788	77.8693	141.1(19)	140.9536	116.3290
3789	77.8892	146.1(19)	140.8553	116.3989
3790	77.9092	144.2(19)	140.7398	116.4691
3791	77.9292	142.0(19)	140.6454	116.5394
3792	77.9493	146.4(19)	140.5958	116.6100
3793	77.9693	143.2(19)	140.6252	116.6802
3794	77.9894	143.1(19)	140.7321	116.7508
3795	78.0093	143.7(19)	140.9272	116.8207
3796	78.0293	148.3(19)	141.2121	116.8910
3797	78.0493	142.2(19)	141.5936	116.9612
3798	78.0694	145.0(19)	142.0723	117.0318
3799	78.0894	145.6(19)	142.6318	117.1021
3800	78.1093	146.3(19)	143.2571	117.1720
3801	78.1293	147.0(19)	143.9355	117.2422
3802	78.1491	145.8(19)	144.6165	117.3118
3803	78.1691	147.9(19)	145.2850	117.3820
3804	78.1891	146.9(19)	145.8781	117.4523
3805	78.2092	147.0(19)	146.3839	117.5229
3806	78.2292	145.7(19)	146.7886	117.5931
3807	78.2492	146.3(19)	147.1069	117.6634
3808	78.2691	144.8(19)	147.3444	117.7333
3809	78.2892	148.7(19)	147.5226	117.8039
3810	78.3093	143.3(19)	147.6399	117.8745
3811	78.3291	147.0(19)	147.6924	117.9440
3812	78.3492	149.0(20)	147.6929	118.0146
3813	78.3692	144.4(19)	147.6560	118.0849
3814	78.3892	142.1(19)	147.6006	118.1551
3815	78.4094	146.2(19)	147.5423	118.2261
3816	78.4294	146.9(19)	147.5147	118.2963
3817	78.4496	144.5(19)	147.5497	118.3673
3818	78.4696	147.7(19)	147.6659	118.4375
3819	78.4896	144.8(19)	147.8831	118.5078
3820	78.5096	149.5(20)	148.2126	118.5780
3821	78.5295	150.8(20)	148.6567	118.6479
3822	78.5494	145.1(19)	149.2031	118.7178
3823	78.5693	150.8(20)	149.8307	118.7877
3824	78.5893	151.1(20)	150.5076	118.8580

3825	78.6094	151.3(20)	151.1923	118.9286
3826	78.6294	146.1(19)	151.8320	118.9988
3827	78.6494	151.4(20)	152.3909	119.0691
3828	78.6693	147.4(19)	152.8358	119.1390
3829	78.6894	145.8(19)	153.1541	119.2096
3830	78.7093	152.3(20)	153.3293	119.2795
3831	78.7291	148.3(19)	153.3741	119.3490
3832	78.7491	148.2(20)	153.2816	119.4193
3833	78.7691	148.0(19)	153.0507	119.4895
3834	78.7892	148.6(20)	152.6863	119.5601
3835	78.8093	145.7(19)	152.2035	119.6307
3836	78.8293	145.6(19)	151.6258	119.7010
3837	78.8493	145.5(19)	150.9946	119.7712
3838	78.8694	143.9(19)	150.3388	119.8418
3839	78.8895	146.0(19)	149.6973	119.9124
3840	78.9094	144.3(19)	149.1205	119.9823
3841	78.9296	143.5(19)	148.6129	120.0533
3842	78.9494	143.1(19)	148.2273	120.1228
3843	78.9697	144.5(19)	147.9494	120.1941
3844	78.9896	143.9(19)	147.7894	120.2640
3845	79.0097	141.8(19)	147.7173	120.3346
3846	79.0297	144.7(19)	147.7168	120.4049
3847	79.0496	140.3(19)	147.7491	120.4748
3848	79.0694	141.5(19)	147.7818	120.5443
3849	79.0894	144.8(19)	147.7805	120.6146
3850	79.1095	140.8(19)	147.7323	120.6852
3851	79.1295	137.9(19)	147.6180	120.7554
3852	79.1494	141.1(19)	147.4327	120.8253
3853	79.1696	143.5(19)	147.1763	120.9024
3854	79.1895	138.3(19)	146.8579	120.9890
3855	79.2094	142.0(19)	146.4927	121.0756
3856	79.2294	137.0(19)	146.0921	121.1627
3857	79.2493	139.6(19)	145.6904	121.2494
3858	79.2691	137.8(19)	145.3073	121.3356
3859	79.2892	138.5(19)	144.9528	121.4231
3860	79.3093	141.3(19)	144.6423	121.5106
3861	79.3293	135.6(19)	144.3940	121.5977
3862	79.3493	140.8(19)	144.2053	121.6847
3863	79.3694	139.3(19)	144.0690	121.7723
3864	79.3894	140.4(19)	143.9839	121.8593
3865	79.4096	140.7(19)	143.9400	121.9473
3866	79.4295	141.2(19)	143.9248	122.0339
3867	79.4494	139.0(19)	143.9262	122.1206
3868	79.4694	141.0(19)	143.9296	122.2077
3869	79.4894	139.3(19)	143.9343	122.2948
3870	79.5094	138.6(19)	143.9289	122.3818
3871	79.5295	140.6(19)	143.9074	122.4693
3872	79.5494	139.9(19)	143.8627	122.5560
3873	79.5696	143.3(19)	143.7918	122.6439
3874	79.5896	137.2(19)	143.7003	122.7310
3875	79.6093	138.9(19)	143.5991	122.8168
3876	79.6295	139.2(19)	143.4957	122.9047
3877	79.6494	138.7(19)	143.4128	122.9914
3878	79.6693	137.3(19)	143.3550	123.0780

3879	79.6893	139.9(19)	143.3379	123.1651
3880	79.7094	139.3(19)	143.3682	123.2526
3881	79.7294	138.0(19)	143.4491	123.3397
3882	79.7494	136.3(19)	143.5751	123.4268
3883	79.7694	139.4(19)	143.7409	123.5138
3884	79.7895	139.0(19)	143.9417	123.6013
3885	79.8096	137.3(19)	144.1703	123.6889
3886	79.8294	137.8(19)	144.4173	123.7751
3887	79.8493	137.8(19)	144.6851	123.8617
3888	79.8693	135.5(19)	144.9720	123.9488
3889	79.8893	139.7(19)	145.2711	124.0359
3890	79.9093	136.3(19)	145.5816	124.1230
3891	79.9294	138.0(19)	145.8650	124.1800
3892	79.9494	136.7(19)	146.0848	124.1800
3893	79.9693	139.4(19)	146.2852	124.1800
3894	79.9894	135.4(19)	146.4760	124.1800
3895	80.0094	138.8(19)	146.6371	124.1800

loop_

0	2	0	2	1	o	1829.9103	1783.7504	180.04	13.52797
1	1	0	4	1	o	102009.4062	102398.7500	0.14	11.90753
1	3	0	4	1	o	8766.0039	8513.5332	180.14	7.45743
0	4	0	2	1	o	154.2992	163.9850	359.92	6.76399
2	0	0	2	1	o	48558.5586	48002.7422	180.26	6.63043
2	2	0	4	1	o	111.8255	91.8808	0.70	5.95376
0	1	1	4	1	o	1377.7094	1353.4176	0.12	5.17007
1	5	0	4	1	o	6003.1235	5638.3994	0.24	5.01012
1	1	1	8	1	o	324.1508	277.6021	0.08	4.81693
2	4	0	4	1	o	798.8490	743.2327	0.07	4.73494
1	2	1	8	1	o	159.1458	156.1744	0.38	4.60304
0	3	1	4	1	o	3880.9656	3903.8906	0.31	4.54826
0	6	0	2	1	o	61837.8555	59809.9844	0.24	4.50932
3	1	0	4	1	o	1602.8870	1598.3463	180.75	4.36245
1	3	1	8	1	o	35600.2031	34904.9258	0.24	4.30224
2	1	1	8	1	o	2106.9729	2044.0157	0.14	4.07711
3	3	0	4	1	o	0.2292	0.2174	163.69	3.96918
1	4	1	8	1	o	436.7142	415.8520	0.25	3.96559
2	2	1	8	1	o	974.0097	929.0107	0.44	3.94495
0	5	1	4	1	o	1261.4888	1230.8239	0.24	3.77433
2	3	1	8	1	o	14598.5596	14295.2236	180.19	3.75064
2	6	0	4	1	o	39563.4844	38776.3945	180.21	3.72872
1	7	0	4	1	o	67.5817	64.2073	0.80	3.71073
1	5	1	8	1	o	295.7222	292.8614	180.14	3.63015

2 4 1 8 1 o	5580.0635	5413.1094	0.27	3.52127
3 5 0 4 1 o	2653.6929	2903.7175	180.48	3.42330
0 8 0 2 1 o	492.4688	496.1312	359.78	3.38199
3 1 1 8 1 o	259.4035	251.7957	0.21	3.35973
1 6 1 8 1 o	60.5315	59.5299	0.43	3.31659
4 0 0 2 1 o	110111.0859	106929.6797	0.22	3.31522
3 2 1 8 1 o	135.6641	130.7329	180.58	3.28461
2 5 1 8 1 o	2788.8972	2668.5261	0.11	3.28012
4 2 0 4 1 o	1395.2065	1374.7819	180.35	3.21994
3 3 1 8 1 o	26211.6230	25437.9102	180.20	3.16989
0 7 1 4 1 o	2071.1008	2172.3945	180.13	3.11614
2 6 1 8 1 o	2225.9661	2159.2034	180.18	3.04331
1 7 1 8 1 o	156.2903	150.9159	0.23	3.03351
3 4 1 8 1 o	4446.0205	4355.5459	180.26	3.02777
2 8 0 4 1 o	528.1371	521.8133	0.30	3.01271
4 4 0 4 1 o	1866.4076	1880.6743	180.24	2.97688
1 9 0 4 1 o	65.7888	59.6104	0.16	2.93182
3 7 0 4 1 o	43.9332	36.4635	357.46	2.90966
3 5 1 8 1 o	1425.3875	1404.2375	0.18	2.87033
2 7 1 8 1 o	1677.2286	1722.8528	180.25	2.82021
4 1 1 8 1 o	712.6017	707.1398	0.06	2.79075
1 8 1 8 1 o	894.1902	892.7625	180.41	2.78249
4 2 1 8 1 o	3080.0898	3065.5334	180.38	2.74725
3 6 1 8 1 o	985.7040	942.5344	0.23	2.70761
0 10 0 2 1 o	29.4158	27.9440	359.85	2.70560
4 3 1 8 1 o	613.8393	579.6681	0.24	2.67906
4 6 0 4 1 o	11460.7861	10756.5840	0.26	2.67104
5 1 0 4 1 o	10243.9756	9851.6348	0.72	2.63952
0 0 2 2 1 o	8785.8770	8515.2852	0.37	2.63357
2 8 1 8 1 o	37832.8633	37048.4727	0.21	2.61514
0 9 1 4 1 o	1876.4172	1838.5881	0.46	2.61089
4 4 1 8 1 o	10798.9014	10588.9600	180.31	2.59160
0 2 2 4 1 o	60.9208	59.7302	180.75	2.58504
1 0 2 4 1 o	52969.0273	51888.0586	180.33	2.58312
1 1 2 8 1 o	239.9507	234.1234	359.74	2.57143
1 9 1 8 1 o	63454.2773	62903.6055	0.34	2.56171
3 7 1 8 1 o	713.7208	723.6973	0.23	2.54689
5 3 0 4 1 o	1730.4170	1771.7869	180.73	2.54443
1 2 2 8 1 o	865.7643	910.7438	0.05	2.53728
2 10 0 4 1 o	76.9712	85.9356	179.17	2.50506
4 5 1 8 1 o	4.1127	4.5008	179.38	2.49080
3 9 0 4 1 o	17.2141	19.0681	2.17	2.48581
1 3 2 8 1 o	129.5554	145.2262	179.96	2.48327
0 4 2 4 1 o	1.7210	1.7102	358.00	2.45411
2 0 2 4 1 o	16163.3594	16113.0742	180.55	2.44757
2 1 2 8 1 o	28209.4961	27930.6719	180.21	2.43761
2 9 1 8 1 o	9978.4365	9787.3271	180.55	2.42933
1 11 0 4 1 o	214.1487	208.0896	359.73	2.41838
1 4 2 8 1 o	37.7214	36.2958	180.48	2.41314
2 2 2 8 1 o	164.1543	160.5379	179.76	2.40846
3 8 1 8 1 o	24890.7305	24922.6191	180.31	2.39282
4 6 1 8 1 o	1096.2734	1083.7322	0.48	2.38223
5 5 0 4 1 o	796.7697	786.6501	1.40	2.38151
1 10 1 8 1 o	22.8610	22.4250	359.88	2.36797

4	8	0	4	1	o	976.6898	965.3472	359.82	2.36747
2	3	2	8	1	o	1685.0699	1696.6422	0.17	2.36212
5	1	1	8	1	o	2096.6050	2152.1335	359.92	2.35979
5	2	1	8	1	o	1587.5758	1750.7853	0.28	2.33332
1	5	2	8	1	o	16.8388	19.8341	0.43	2.33113
2	4	2	8	1	o	115.3388	122.2653	0.59	2.30152
5	3	1	8	1	o	235.9900	242.6679	0.31	2.29111
0	6	2	4	1	o	1818.9082	1795.1160	179.54	2.27413
4	7	1	8	1	o	3844.2129	3828.0833	180.24	2.27056
3	0	2	4	1	o	5896.0000	5854.6157	179.54	2.26245
2	10	1	8	1	o	16364.0098	16193.6338	0.26	2.26224
0	12	0	2	1	o	12296.1074	12084.1152	359.72	2.25466
3	1	2	8	1	o	27341.4727	26993.0469	180.30	2.25459
3	9	1	8	1	o	5384.5942	5267.0410	359.43	2.24803
1	6	2	8	1	o	2768.0581	2698.4180	359.46	2.24141
5	4	1	8	1	o	1368.0542	1375.3378	0.45	2.23568
3	2	2	8	1	o	170.5743	173.1552	180.48	2.23146
2	5	2	8	1	o	5481.0684	5627.0669	180.28	2.23005
0	11	1	4	1	o	58.0185	59.8145	179.78	2.22861
6	0	0	2	1	o	26539.9902	26904.3848	179.86	2.21014
1	11	1	8	1	o	409.9918	408.4572	180.44	2.19779
3	3	2	8	1	o	5451.0322	5462.1323	0.28	2.19446
5	7	0	4	1	o	108.2239	109.2389	1.74	2.18685
6	2	0	4	1	o	3323.4998	3388.2905	0.40	2.18123
5	5	1	8	1	o	955.7195	986.9662	180.31	2.17000
4	8	1	8	1	o	189.6615	196.9957	183.37	2.15937
2	6	2	8	1	o	180.4309	188.8559	358.26	2.15112
3	11	0	4	1	o	3826.6152	3951.4697	0.39	2.14930
1	7	2	8	1	o	323.4024	337.5936	0.29	2.14765
3	4	2	8	1	o	1852.6725	1853.0376	180.10	2.14561
2	12	0	4	1	o	1184.5055	1078.8241	179.14	2.13462
3	10	1	8	1	o	9189.5059	9509.2529	180.33	2.11367
2	11	1	8	1	o	54.1403	56.5835	0.87	2.11247
6	4	0	4	1	o	121.4135	129.2572	0.72	2.10084
5	6	1	8	1	o	24.6846	26.4277	359.47	2.09707
4	10	0	4	1	o	172.1013	188.0361	0.68	2.09614
3	5	2	8	1	o	5748.0024	6161.8916	180.30	2.08735
0	8	2	4	1	o	220.7744	223.9418	359.96	2.07788
2	7	2	8	1	o	468.0171	448.1472	180.46	2.06784
4	0	2	4	1	o	22893.6270	22387.2012	180.07	2.06210
4	1	2	8	1	o	5080.9434	4984.3984	0.62	2.05614
1	13	0	4	1	o	222.4685	216.6879	180.56	2.05606
1	8	2	8	1	o	105.1697	103.2184	0.60	2.05283
4	9	1	8	1	o	19998.9766	19651.1777	180.11	2.05116
1	12	1	8	1	o	205.4691	201.9874	0.30	2.04788
4	2	2	8	1	o	277.9251	274.8468	180.63	2.03856
6	1	1	8	1	o	304.3026	305.3740	0.46	2.03224
3	6	2	8	1	o	2932.8372	3056.8320	179.70	2.02220
5	7	1	8	1	o	805.7875	846.1947	180.53	2.01969
6	2	1	8	1	o	4651.2461	4907.2515	0.29	2.01526
4	3	2	8	1	o	593.8195	634.8914	180.49	2.01022
3	11	1	8	1	o	564.4230	596.8579	179.62	1.98999
5	9	0	4	1	o	819.0317	861.9752	359.92	1.98882
6	3	1	8	1	o	117.8712	123.3474	179.93	1.98787

6 6 0 4 1 o	14.3871	14.9799	177.70	1.98459
2 8 2 8 1 o	3.2655	3.3798	1.77	1.98279
2 12 1 8 1 o	2242.2424	2308.2703	180.27	1.97833
4 4 2 8 1 o	6.2417	6.4129	181.45	1.97248
1 9 2 8 1 o	846.8569	873.9913	180.22	1.95920
3 7 2 8 1 o	619.1385	641.5030	180.46	1.95255
6 4 1 8 1 o	1659.2108	1713.5122	0.69	1.95135
4 10 1 8 1 o	2528.4731	2625.6836	180.84	1.94758
5 8 1 8 1 o	6085.4014	6298.2485	179.98	1.94023
0 13 1 4 1 o	384.2083	396.5767	0.09	1.93560
0 14 0 2 1 o	721.3232	744.9642	179.96	1.93257
4 5 2 8 1 o	5407.9321	5586.0728	0.42	1.92693
1 13 1 8 1 o	1619.9032	1658.4645	0.05	1.91531
6 5 1 8 1 o	1313.7153	1308.7578	0.31	1.90721
2 9 2 8 1 o	173.3380	167.6393	0.34	1.89804
7 1 0 4 1 o	4851.5259	4837.8203	180.44	1.88978
0 10 2 4 1 o	278.6310	282.4752	180.63	1.88716
3 13 0 4 1 o	11267.0430	11485.1748	0.31	1.88295
3 8 2 8 1 o	480.6650	489.5211	180.34	1.88047
3 12 1 8 1 o	1213.6436	1229.7454	0.33	1.87666
4 6 2 8 1 o	6282.1807	6347.3735	179.99	1.87532
5 0 2 4 1 o	2575.9697	2596.7666	180.20	1.86876
1 10 2 8 1 o	1.5141	1.5253	2.58	1.86834
4 12 0 4 1 o	11997.9893	12183.8018	359.96	1.86436
5 1 2 8 1 o	504.6187	509.4257	179.37	1.86431
5 9 1 8 1 o	2543.2798	2584.2271	0.24	1.86060
2 13 1 8 1 o	0.8319	0.8481	357.21	1.85805
6 6 1 8 1 o	3069.8467	3107.3459	180.49	1.85713
2 14 0 4 1 o	1235.3770	1256.5160	0.16	1.85536
7 3 0 4 1 o	2005.5018	2024.1631	0.70	1.85395
5 2 2 8 1 o	3821.2100	3838.4939	0.28	1.85118
6 8 0 4 1 o	283.7197	285.7724	179.68	1.85011
4 11 1 8 1 o	80.6153	81.2429	359.78	1.84955
5 3 2 8 1 o	695.7845	678.8118	180.59	1.82988
4 7 2 8 1 o	1439.5051	1413.8014	0.41	1.81937
2 10 2 8 1 o	2619.5679	2691.0081	180.11	1.81508
3 9 2 8 1 o	0.1791	0.1703	2.16	1.80771
5 11 0 4 1 o	5683.9771	5106.7437	180.32	1.80345
6 7 1 8 1 o	163.3334	146.9945	179.85	1.80275
5 4 2 8 1 o	232.3690	207.8533	0.51	1.80127
1 14 1 8 1 o	30.6228	25.7866	180.27	1.79755
7 5 0 4 1 o	592.7969	513.1221	358.98	1.78800
1 15 0 4 1 o	67.8026	57.7168	0.23	1.78727
5 10 1 8 1 o	63.1331	56.3037	178.29	1.78225
1 11 2 8 1 o	101.7036	91.0684	180.76	1.78128
7 1 1 8 1 o	3019.3391	2784.3167	0.25	1.77876
3 13 1 8 1 o	62.2407	59.7361	0.54	1.77306
7 2 1 8 1 o	254.9234	247.9929	180.30	1.76734
5 5 2 8 1 o	535.8784	523.9937	0.70	1.76639
4 8 2 8 1 o	379.0977	378.2021	359.92	1.76064
4 12 1 8 1 o	640.9319	645.1793	0.83	1.75751
0 1 3 4 1 o	239.8299	247.4125	180.25	1.75203
2 14 1 8 1 o	5799.4360	5903.8052	0.30	1.74997
7 3 1 8 1 o	738.4985	739.3535	179.55	1.74878

6 8 1 8 1 o	7118.6387	7132.3320	0.60	1.74556
1 1 3 8 1 o	0.2256	0.2187	175.55	1.73693
3 10 2 8 1 o	277.6532	270.1229	0.13	1.73561
2 11 2 8 1 o	36.0358	34.9599	178.39	1.73494
5 6 2 8 1 o	13962.4688	13621.9961	0.05	1.72638
1 2 3 8 1 o	59.0246	56.7183	0.75	1.72629
7 4 1 8 1 o	1166.7688	1143.7379	180.46	1.72376
0 3 3 4 1 o	16807.4941	16272.9072	0.39	1.72336
0 12 2 4 1 o	5561.3052	5648.9067	180.36	1.71273
6 10 0 4 1 o	22.4994	22.7211	358.79	1.71165
1 3 3 8 1 o	113.6690	116.2691	0.70	1.70899
0 15 1 4 1 o	343.5679	347.6360	0.84	1.70644
5 11 1 8 1 o	1465.0332	1481.0964	180.45	1.70621
7 7 0 4 1 o	6.0126	6.0622	184.82	1.70108
4 9 2 8 1 o	60.2590	60.7672	180.77	1.70049
1 12 2 8 1 o	8150.8643	8224.2178	0.39	1.69862
2 1 3 8 1 o	753.5281	762.8688	0.05	1.69389
7 5 1 8 1 o	1012.6879	1024.8446	0.31	1.69311
6 0 2 4 1 o	15382.9121	15564.7373	180.18	1.69297
1 15 1 8 1 o	17115.0859	17354.7441	0.35	1.69249
0 16 0 2 1 o	14686.1807	14910.0410	180.24	1.69100
6 1 2 8 1 o	13139.6777	13326.5615	180.40	1.68966
6 9 1 8 1 o	9115.7861	9284.0312	180.19	1.68690
1 4 3 8 1 o	941.1204	965.0588	0.41	1.68561
2 2 3 8 1 o	184.0285	188.7281	0.32	1.68402
5 7 2 8 1 o	1805.0409	1841.9742	0.36	1.68243
6 2 2 8 1 o	6.8652	6.9952	3.03	1.67986
3 14 1 8 1 o	5561.4336	5693.7900	180.32	1.67842
4 13 1 8 1 o	400.3389	409.2982	180.25	1.67155
3 15 0 4 1 o	755.2756	773.5242	180.29	1.67004
0 5 3 4 1 o	75.1957	77.3273	359.91	1.67001
4 14 0 4 1 o	151.8699	155.6241	0.92	1.66960
2 3 3 8 1 o	16619.6680	17098.2090	180.31	1.66794
3 11 2 8 1 o	1.2216	1.2492	172.21	1.66515
6 3 2 8 1 o	2535.2285	2580.1726	0.45	1.66390
2 12 2 8 1 o	8876.5732	8993.5049	0.27	1.65830
7 6 1 8 1 o	1661.2726	1686.2079	0.42	1.65778
8 0 0 2 1 o	680.8689	691.2711	358.95	1.65761
1 5 3 8 1 o	252.6086	255.7066	180.54	1.65692
2 15 1 8 1 o	3968.0723	4025.9609	180.38	1.65259
2 4 3 8 1 o	29.9500	30.7063	180.00	1.64619
8 2 0 4 1 o	574.1485	586.5408	180.64	1.64530
6 4 2 8 1 o	359.6815	367.5964	0.35	1.64231
4 10 2 8 1 o	153.3855	157.9290	180.32	1.64006
2 16 0 4 1 o	952.3991	981.6030	180.27	1.63855
5 13 0 4 1 o	5558.8359	5719.8892	180.43	1.63729
5 8 2 8 1 o	582.9423	594.6944	179.85	1.63566
5 12 1 8 1 o	171.6058	173.6788	359.74	1.63315
3 1 3 8 1 o	1.7764	1.7596	180.88	1.62875
6 10 1 8 1 o	5264.4443	5225.8774	0.59	1.62785
1 6 3 8 1 o	1125.9169	1091.4451	180.23	1.62376
1 13 2 8 1 o	62.9288	62.2759	180.85	1.62065
3 2 3 8 1 o	2066.9778	2062.5935	180.44	1.61997
2 5 3 8 1 o	196.2749	195.5418	180.28	1.61943

7 7 1 8 1 o	399.3688	403.3271	0.92	1.61875
6 5 2 8 1 o	1983.9111	2030.0929	180.66	1.61574
8 4 0 4 1 o	284.1790	296.4884	180.50	1.60997
3 3 3 8 1 o	10.7168	11.3250	358.66	1.60564
7 9 0 4 1 o	70.6088	73.7906	1.08	1.60273
0 7 3 4 1 o	267.0726	277.5500	0.71	1.59852
1 16 1 8 1 o	4.7569	4.9242	0.64	1.59832
3 12 2 8 1 o	8970.6660	9247.3545	180.27	1.59703
3 15 1 8 1 o	8161.2588	8260.0068	180.35	1.59194
4 14 1 8 1 o	3785.2874	3827.3926	180.54	1.59155
2 6 3 8 1 o	308.1859	307.8224	180.41	1.58843
5 9 2 8 1 o	1225.9479	1234.2566	180.29	1.58710
1 7 3 8 1 o	460.6978	457.5358	180.27	1.58703
3 4 3 8 1 o	5302.0522	5305.2095	180.41	1.58621
2 13 2 8 1 o	1173.6292	1171.6210	0.51	1.58551
6 6 2 8 1 o	2049.1411	2071.5488	0.08	1.58495
4 11 2 8 1 o	588.3373	597.3229	180.69	1.58022
1 17 0 4 1 o	47285.5508	48004.2344	180.24	1.58019
8 1 1 8 1 o	795.5510	813.0488	180.14	1.57846
6 12 0 4 1 o	21656.0859	22132.2402	180.14	1.57831
7 8 1 8 1 o	20367.5332	20885.9668	180.32	1.57697
8 2 1 8 1 o	380.1438	393.3492	180.39	1.57047
6 11 1 8 1 o	1452.0172	1508.7177	0.37	1.56930
2 16 1 8 1 o	177.1425	185.8536	0.69	1.56459
5 13 1 8 1 o	155.8727	163.6832	359.62	1.56350
3 5 3 8 1 o	221.5222	233.3382	179.76	1.56223
0 14 2 4 1 o	60.6876	64.0191	180.12	1.55807
8 3 1 8 1 o	28.3836	29.5221	357.79	1.55740
8 6 0 4 1 o	263.7507	273.9537	358.84	1.55582
2 7 3 8 1 o	2848.0156	2938.5234	0.19	1.55400
6 7 2 8 1 o	3115.0002	3202.6187	180.27	1.55073
4 1 3 8 1 o	232.9190	238.8332	180.58	1.54902
1 8 3 8 1 o	35973.6016	36773.9219	0.25	1.54760
1 14 2 8 1 o	1935.1294	1983.3002	0.17	1.54743
4 2 3 8 1 o	105.1675	109.2292	180.60	1.54145
8 4 1 8 1 o	3287.8674	3404.3196	180.38	1.53965
7 0 2 4 1 o	1369.3774	1413.3062	180.78	1.53786
5 10 2 8 1 o	401.9563	418.5000	359.80	1.53763
7 1 2 8 1 o	29462.4512	30308.9609	180.29	1.53539
3 6 3 8 1 o	146.8101	152.4932	0.48	1.53435
7 9 1 8 1 o	1822.7888	1875.3966	0.73	1.53331
3 13 2 8 1 o	350.4372	359.5891	0.58	1.53172
4 3 3 8 1 o	4106.3730	4153.9053	0.33	1.52910
7 2 2 8 1 o	1340.0771	1350.1807	180.50	1.52802
0 17 1 4 1 o	1935.8262	1895.7937	180.26	1.52350
4 12 2 8 1 o	2095.8220	2039.9351	180.26	1.52166
8 5 1 8 1 o	65.9282	64.8911	180.29	1.51769
4 15 1 8 1 o	70.2536	68.5992	179.66	1.51725
2 8 3 8 1 o	956.9393	932.7939	0.24	1.51692
2 14 2 8 1 o	834.6219	815.2905	180.37	1.51675
0 9 3 4 1 o	120869.0391	118483.4531	0.35	1.51609
7 3 2 8 1 o	10986.1680	10855.9150	0.34	1.51598
6 8 2 8 1 o	0.3605	0.3559	172.29	1.51388
1 17 1 8 1 o	2457.8154	2424.2686	180.29	1.51354

3 16 1 8 1 o	183.3822	180.9327	180.48	1.51283
4 4 3 8 1 o	101.3804	100.0500	180.18	1.51228
6 12 1 8 1 o	3183.5037	3140.7793	180.59	1.51189
4 16 0 4 1 o	961.3605	938.0258	180.16	1.50636
1 9 3 8 1 o	1219.3433	1177.4441	0.49	1.50628
3 7 3 8 1 o	1604.7650	1565.0029	0.17	1.50325
0 18 0 2 1 o	90497.5000	88693.2656	180.38	1.50311
7 11 0 4 1 o	2420.1729	2406.3008	0.37	1.50085
7 4 2 8 1 o	711.0797	719.7808	180.38	1.49959
5 14 1 8 1 o	14.6844	15.0695	2.74	1.49744
3 17 0 4 1 o	2115.7986	2171.7627	0.70	1.49742
8 6 1 8 1 o	5833.6836	6235.7739	0.47	1.49209
5 15 0 4 1 o	1410.8909	1551.4454	0.45	1.49149
4 5 3 8 1 o	598.7457	652.4205	180.43	1.49146
7 10 1 8 1 o	6963.1084	7605.6650	180.34	1.48857
8 8 0 4 1 o	1723.3094	1877.8656	180.22	1.48844
5 11 2 8 1 o	775.4464	850.8710	180.58	1.48800
2 17 1 8 1 o	1259.3976	1373.0782	0.19	1.48480
7 5 2 8 1 o	2674.1191	2763.9756	180.45	1.47928
1 15 2 8 1 o	0.3834	0.3961	3.36	1.47887
2 9 3 8 1 o	641.6743	657.8503	358.35	1.47794
6 9 2 8 1 o	459.1970	463.6624	0.33	1.47514
9 1 0 4 1 o	6206.4600	6160.5317	0.41	1.47125
3 8 3 8 1 o	598.9094	580.8687	181.17	1.46961
3 14 2 8 1 o	96.9325	94.0149	179.99	1.46946
4 6 3 8 1 o	345.1664	334.6465	0.62	1.46714
2 18 0 4 1 o	111.7926	108.0191	175.33	1.46591
4 13 2 8 1 o	2219.7158	2148.6396	180.58	1.46484
1 10 3 8 1 o	10893.7451	10471.3662	0.29	1.46379
8 7 1 8 1 o	2788.1057	2739.9490	180.38	1.46344
5 1 3 8 1 o	34.9294	34.4641	180.20	1.46185
6 13 1 8 1 o	36.9948	37.5198	179.71	1.45612
7 6 2 8 1 o	5954.4883	6046.6362	180.26	1.45555
5 2 3 8 1 o	3674.9138	3734.9282	0.36	1.45549
6 14 0 4 1 o	347.1581	355.0209	359.78	1.45483
9 3 0 4 1 o	7475.7261	7637.7026	180.55	1.45415
2 15 2 8 1 o	0.0305	0.0317	357.08	1.45203
4 16 1 8 1 o	477.5943	500.2744	180.66	1.44829
5 3 3 8 1 o	4.5280	4.7114	0.89	1.44508
7 11 1 8 1 o	98.3579	102.4080	1.30	1.44340
3 17 1 8 1 o	1520.7201	1580.6570	0.31	1.44035
4 7 3 8 1 o	528.5518	548.1522	180.25	1.43988
5 12 2 8 1 o	161.5619	167.1561	179.98	1.43879
2 10 3 8 1 o	260.7798	270.2968	0.29	1.43775
1 18 1 8 1 o	1018.6403	1050.7900	180.31	1.43689
6 10 2 8 1 o	1687.1394	1729.8273	180.34	1.43516
5 15 1 8 1 o	841.7579	864.1966	0.30	1.43506
3 9 3 8 1 o	12.3862	12.6945	182.87	1.43408
8 8 1 8 1 o	9532.0771	9703.7197	180.36	1.43235
5 4 3 8 1 o	3523.3220	3572.9331	0.59	1.43086
0 11 3 4 1 o	921.7930	928.9493	180.37	1.42900
7 7 2 8 1 o	1828.5349	1845.2179	180.29	1.42891
0 16 2 4 1 o	402.1356	397.6031	0.41	1.42292
9 5 0 4 1 o	1306.1661	1299.9216	0.61	1.42167

1 11 3 8 1 o	383.9976	378.3926	180.45	1.42078
9 1 1 8 1 o	821.7454	818.9438	180.37	1.41701
1 19 0 4 1 o	3162.1719	3136.2637	180.33	1.41586
1 16 2 8 1 o	1145.1427	1133.9910	0.32	1.41480
8 10 0 4 1 o	11554.3779	11492.5156	0.26	1.41343
5 5 3 8 1 o	73.7045	73.4011	180.25	1.41319
2 18 1 8 1 o	654.8596	649.8749	180.38	1.41224
9 2 1 8 1 o	1.2825	1.2848	0.10	1.41121
3 15 2 8 1 o	53.8622	53.5215	180.98	1.41037
4 8 3 8 1 o	38.4360	38.3106	181.32	1.41024
4 14 2 8 1 o	63.2804	63.0096	179.94	1.41010
8 0 2 4 1 o	33313.5117	34347.9102	180.34	1.40286
6 14 1 8 1 o	2208.3906	2318.4822	0.70	1.40232
9 3 1 8 1 o	476.4792	494.6676	181.22	1.40171
8 1 2 8 1 o	14784.0225	15317.6807	0.26	1.40098
7 13 0 4 1 o	2816.7725	2978.7144	0.52	1.40095
7 8 2 8 1 o	1033.7128	1081.1575	180.24	1.39993
8 9 1 8 1 o	25354.2148	26641.1895	180.32	1.39940
7 12 1 8 1 o	1856.5449	1960.8004	0.48	1.39835
3 10 3 8 1 o	2306.0713	2455.8372	180.68	1.39727
2 11 3 8 1 o	1337.2565	1428.5946	179.97	1.39693
8 2 2 8 1 o	258.9954	266.6706	180.54	1.39537
6 11 2 8 1 o	47.9692	49.6062	1.79	1.39455
5 6 3 8 1 o	1820.0360	1855.6370	180.53	1.39245
2 16 2 8 1 o	1169.8755	1183.2568	0.39	1.39125
5 13 2 8 1 o	703.7308	708.7804	180.66	1.39048
9 4 1 8 1 o	1352.8112	1353.3864	0.24	1.38873
8 3 2 8 1 o	5671.6929	5626.8501	180.44	1.38619
4 17 1 8 1 o	932.9602	911.9312	180.28	1.38432
4 9 3 8 1 o	3287.5913	3168.2378	0.86	1.37876
1 12 3 8 1 o	1827.4689	1742.0376	180.29	1.37776
9 7 0 4 1 o	4256.6060	4135.3110	180.10	1.37678
5 16 1 8 1 o	424.8625	409.5590	0.33	1.37630
0 19 1 4 1 o	2298.8059	2225.9324	180.30	1.37465
3 18 1 8 1 o	205.2122	199.2879	180.10	1.37382
8 4 2 8 1 o	215.3499	211.9690	0.14	1.37363
6 1 3 8 1 o	41.8005	41.1281	1.03	1.37296
9 5 1 8 1 o	6.6433	6.5464	180.69	1.37255
7 9 2 8 1 o	321.3032	321.6902	0.17	1.36912
5 7 3 8 1 o	64.1274	64.2025	180.31	1.36907
4 18 0 4 1 o	996.0189	997.0947	181.33	1.36897
6 2 3 8 1 o	380.7417	384.2725	0.38	1.36769
1 19 1 8 1 o	173.9311	176.5936	180.72	1.36732
8 10 1 8 1 o	6021.1211	6174.3149	180.36	1.36513
5 17 0 4 1 o	21931.9297	22677.0430	180.55	1.36467
3 11 3 8 1 o	262.4369	273.9179	0.41	1.35971
6 3 3 8 1 o	33.0693	34.2105	1.47	1.35904
8 5 2 8 1 o	3855.8105	3981.4937	0.38	1.35796
4 15 2 8 1 o	7.7521	8.0872	1.66	1.35764
2 12 3 8 1 o	451.3246	473.6704	180.39	1.35598
3 19 0 4 1 o	7477.1177	7798.3823	0.45	1.35540
1 17 2 8 1 o	58.4711	61.1610	0.80	1.35499
3 16 2 8 1 o	6.7020	6.9928	0.22	1.35448
7 13 1 8 1 o	31.2352	32.3872	179.13	1.35388

6 12 2 8 1 o	2.4683	2.5559	357.88	1.35381
9 6 1 8 1 o	692.9583	714.1630	180.56	1.35352
0 20 0 2 1 o	13213.7266	13665.0215	0.25	1.35280
6 15 1 8 1 o	102.3986	104.7370	180.23	1.35070
6 4 3 8 1 o	4.7770	4.8322	179.47	1.34719
2 19 1 8 1 o	308.8972	310.7510	180.28	1.34602
4 10 3 8 1 o	33.5455	33.7526	181.03	1.34595
5 8 3 8 1 o	13352.9883	13421.7383	0.64	1.34352
5 14 2 8 1 o	385.1086	386.7545	359.77	1.34340
6 16 0 4 1 o	1907.5544	1914.3065	180.72	1.34300
0 13 3 4 1 o	1010.7318	1010.7249	0.20	1.34198
8 6 2 8 1 o	5627.1265	5658.8569	180.32	1.33953
7 10 2 8 1 o	2383.4414	2398.4277	0.30	1.33698
8 12 0 4 1 o	5171.1675	5217.2847	0.41	1.33552
1 13 3 8 1 o	698.8595	704.1823	180.33	1.33516
2 17 2 8 1 o	12058.5889	12207.4746	0.33	1.33425
6 5 3 8 1 o	3.7265	3.7997	3.19	1.33241
9 7 1 8 1 o	2513.7974	2566.3318	180.33	1.33203
8 11 1 8 1 o	120.7660	124.3683	359.81	1.33004
10 0 0 2 1 o	32049.7930	33261.8281	0.53	1.32609
2 20 0 4 1 o	42.3099	44.5517	181.20	1.32549
4 18 1 8 1 o	478.7530	505.1343	0.62	1.32495
9 9 0 4 1 o	1995.3932	2079.7886	0.11	1.32306
3 12 3 8 1 o	78.7768	82.7639	1.04	1.32186
5 17 1 8 1 o	139.9159	145.5685	180.60	1.32105
10 2 0 4 1 o	1259.3060	1286.9716	0.20	1.31976
8 7 2 8 1 o	409.9640	416.2451	0.28	1.31869
0 0 4 2 1 o	1013.4061	1010.7386	180.20	1.31678
5 9 3 8 1 o	40.7091	40.6203	0.66	1.31621
2 13 3 8 1 o	523.4089	514.8492	0.19	1.31531
6 6 3 8 1 o	594.8161	591.0844	180.55	1.31498
6 13 2 8 1 o	101.3352	99.6802	2.26	1.31333
3 19 1 8 1 o	15.4132	15.0973	0.71	1.31264
4 11 3 8 1 o	225.6940	221.2368	181.14	1.31228
0 2 4 4 1 o	64.2029	63.2439	180.75	1.31059
1 0 4 4 1 o	78466.7031	77462.0391	180.35	1.31034
7 14 1 8 1 o	3688.1663	3638.2832	180.41	1.31031
1 1 4 8 1 o	945.8394	941.1047	0.31	1.30880
9 8 1 8 1 o	3194.2280	3155.5032	180.26	1.30846
4 16 2 8 1 o	4018.6399	3975.1584	0.32	1.30757
7 15 0 4 1 o	2523.8438	2487.4238	180.59	1.30631
0 18 2 4 1 o	20724.5957	20362.8945	180.33	1.30544
1 2 4 8 1 o	189.1829	184.3027	0.41	1.30423
7 11 2 8 1 o	128.4279	125.6445	179.56	1.30396
1 20 1 8 1 o	70.0678	68.3918	180.80	1.30392
3 17 2 8 1 o	15865.9004	15360.7012	0.43	1.30172
6 16 1 8 1 o	1640.4751	1590.1364	0.39	1.30136
10 4 0 4 1 o	343.0615	334.4339	180.29	1.30131
1 18 2 8 1 o	50715.7539	48998.0195	0.35	1.29916
5 15 2 8 1 o	123.9700	120.1151	1.19	1.29781
1 3 4 8 1 o	497.1080	478.8491	180.38	1.29672
8 8 2 8 1 o	274.6577	268.0600	180.30	1.29580
6 7 3 8 1 o	4220.0669	4117.1250	0.46	1.29525
8 12 1 8 1 o	5716.2520	5576.5073	0.54	1.29455

1 14 3 8 1 o	4383.8584	4273.3887	0.33	1.29332
0 4 4 4 1 o	4564.1719	4462.9048	180.26	1.29252
2 0 4 4 1 o	14715.2363	14477.3164	0.37	1.29156
2 1 4 8 1 o	10908.3701	10808.3760	180.36	1.29009
5 10 3 8 1 o	5627.1987	5606.6577	0.74	1.28758
1 4 4 8 1 o	222.9422	223.7840	0.29	1.28642
7 1 3 8 1 o	31.4968	31.3846	0.49	1.28626
9 0 2 4 1 o	25389.1914	25303.1816	0.39	1.28586
2 2 4 8 1 o	1227.9082	1233.0394	0.25	1.28571
2 20 1 8 1 o	64.9591	65.0310	181.49	1.28541
10 1 1 8 1 o	3.4315	3.4249	2.36	1.28451
9 1 2 8 1 o	5.8360	5.8230	180.88	1.28441
3 13 3 8 1 o	74.0842	74.3067	0.58	1.28410
9 9 1 8 1 o	33409.8555	33384.0859	180.38	1.28319
1 21 0 4 1 o	1314.6887	1314.1405	0.32	1.28234
7 2 3 8 1 o	2910.0051	2905.6736	180.32	1.28192
2 18 2 8 1 o	23175.0312	23105.7578	0.42	1.28085
10 2 1 8 1 o	292.0605	291.6303	180.46	1.28019
9 2 2 8 1 o	1935.6489	1933.1481	0.32	1.28009
2 3 4 8 1 o	1000.4570	991.0317	0.38	1.27851
4 12 3 8 1 o	195.9599	195.0542	0.86	1.27816
2 14 3 8 1 o	121.6129	122.5789	0.29	1.27525
7 3 3 8 1 o	126.6419	127.6651	0.25	1.27479
6 8 3 8 1 o	615.6584	624.8157	0.44	1.27354
1 5 4 8 1 o	0.2505	0.2575	358.37	1.27353
6 14 2 8 1 o	813.2139	827.9112	180.38	1.27344
10 3 1 8 1 o	650.2618	658.7708	0.56	1.27308
9 3 2 8 1 o	2716.5588	2747.6479	180.46	1.27299
10 6 0 4 1 o	9226.2354	9388.6436	0.46	1.27222
8 9 2 8 1 o	67.4366	68.6712	180.48	1.27125
7 12 2 8 1 o	6.9160	7.0725	175.24	1.27047
4 19 1 8 1 o	1585.6556	1633.7172	180.20	1.26981
5 18 1 8 1 o	1342.7911	1379.3989	180.39	1.26916
2 4 4 8 1 o	208.6880	216.1273	0.48	1.26864
7 15 1 8 1 o	169.7316	172.4982	179.16	1.26790
7 4 3 8 1 o	979.2393	971.1598	180.84	1.26500
9 11 0 4 1 o	49.5588	48.7094	0.61	1.26399
0 6 4 4 1 o	219.7582	213.7764	359.69	1.26399
10 4 1 8 1 o	2789.4873	2741.4700	0.21	1.26333
9 4 2 8 1 o	155.5750	153.0273	0.45	1.26324
3 0 4 4 1 o	7013.3682	6745.5625	0.65	1.26198
3 1 4 8 1 o	6504.9087	6237.2217	0.40	1.26061
4 17 2 8 1 o	1515.6738	1459.1102	181.14	1.25992
8 13 1 8 1 o	499.6858	483.7625	180.34	1.25902
1 6 4 8 1 o	12042.9590	11582.5225	180.43	1.25829
8 14 0 4 1 o	602.0975	582.9520	0.55	1.25819
0 15 3 4 1 o	14384.7578	13863.5127	0.45	1.25811
5 11 3 8 1 o	29.7825	28.8544	180.52	1.25801
9 10 1 8 1 o	60.5358	58.9286	180.35	1.25662
3 2 4 8 1 o	285.8762	277.1210	180.61	1.25652
2 5 4 8 1 o	1653.3218	1602.5869	180.50	1.25627
3 20 1 8 1 o	9.5622	9.2878	1.57	1.25624
5 19 0 4 1 o	6429.3276	6269.9453	180.59	1.25460
6 17 1 8 1 o	151.9683	148.3030	0.16	1.25436

5 16 2 8 1 o	179.0256	174.8954	180.92	1.25386
7 5 3 8 1 o	214.0150	209.5751	180.30	1.25274
4 20 0 4 1 o	5123.5723	5016.3145	0.39	1.25253
1 15 3 8 1 o	49.2877	48.2892	1.33	1.25248
3 18 2 8 1 o	4541.4077	4449.0532	180.64	1.25199
0 21 1 4 1 o	2529.4312	2477.9854	180.43	1.25148
10 5 1 8 1 o	274.1034	268.6231	0.35	1.25111
9 5 2 8 1 o	1121.4105	1099.3221	0.30	1.25102
6 9 3 8 1 o	1702.4613	1667.7502	0.75	1.25021
3 3 4 8 1 o	222.7876	217.8949	180.04	1.24980
1 19 2 8 1 o	385.2127	375.8595	180.42	1.24706
3 14 3 8 1 o	3092.8521	3016.8425	180.48	1.24675
1 21 1 8 1 o	2743.9485	2682.7542	180.61	1.24595
8 10 2 8 1 o	990.3099	972.0919	0.26	1.24540
4 13 3 8 1 o	220.0248	216.1625	180.31	1.24393
6 18 0 4 1 o	1200.9788	1184.8215	180.75	1.24291
2 6 4 8 1 o	974.7099	968.1785	0.43	1.24163
1 7 4 8 1 o	15.8512	15.8128	359.95	1.24096
3 4 4 8 1 o	542.1003	540.6602	180.32	1.24057
7 6 3 8 1 o	2201.8647	2188.2805	0.61	1.23822
3 21 0 4 1 o	1706.5911	1703.5765	180.44	1.23691
7 13 2 8 1 o	265.9626	264.6852	179.56	1.23684
10 6 1 8 1 o	6268.4058	6221.2559	180.49	1.23665
9 6 2 8 1 o	9380.3027	9301.6025	0.34	1.23657
2 15 3 8 1 o	6655.3188	6650.6348	180.46	1.23605
10 8 0 4 1 o	1688.4669	1666.6617	180.10	1.23457
6 15 2 8 1 o	42.1949	41.6435	181.99	1.23441
2 19 2 8 1 o	2759.5002	2671.2659	0.48	1.23084
0 22 0 2 1 o	2850.7009	2763.5825	180.21	1.22982
2 21 1 8 1 o	3196.2661	3095.9338	0.30	1.22977
9 11 1 8 1 o	0.8159	0.7940	184.06	1.22909
3 5 4 8 1 o	1299.5490	1254.7996	0.47	1.22900
5 12 3 8 1 o	2145.3440	2084.4482	180.67	1.22786
0 8 4 4 1 o	699.1070	674.4824	179.98	1.22706
7 16 1 8 1 o	542.0188	527.7592	180.28	1.22683
6 10 3 8 1 o	202.2090	198.1820	0.53	1.22560
2 7 4 8 1 o	129.4425	126.4764	180.97	1.22498
4 0 4 4 1 o	2062.0793	2034.4376	0.34	1.22378
8 14 1 8 1 o	4752.7729	4691.8906	180.43	1.22376
4 1 4 8 1 o	1775.8048	1763.7228	1.07	1.22253
1 8 4 8 1 o	123.8854	123.9101	0.52	1.22184
7 7 3 8 1 o	143.9366	143.1884	0.11	1.22170
5 19 1 8 1 o	76.3280	76.3835	179.42	1.22045
10 7 1 8 1 o	1.1424	1.1403	359.21	1.22019
9 7 2 8 1 o	36.6374	36.5657	0.38	1.22011
4 2 4 8 1 o	3.5409	3.5458	178.66	1.21881
8 11 2 8 1 o	860.2930	860.2796	0.01	1.21859
7 17 0 4 1 o	10943.9326	10955.5361	0.37	1.21857
4 20 1 8 1 o	3892.0784	3896.6318	0.38	1.21855
3 6 4 8 1 o	5471.4473	5434.1958	0.43	1.21528
4 18 2 8 1 o	29.4891	29.3638	181.35	1.21467
1 16 3 8 1 o	80.7451	80.5766	0.63	1.21285
4 3 4 8 1 o	381.2615	382.4456	181.01	1.21267
5 17 2 8 1 o	1461.0986	1476.5762	359.70	1.21166

3 15 3 8 1 o	146.6728	150.2636	359.62	1.21005
4 14 3 8 1 o	95.7373	98.2338	180.46	1.20988
6 18 1 8 1 o	1998.4592	2054.2229	180.37	1.20968
2 22 0 4 1 o	1235.8069	1275.8885	180.24	1.20919
2 8 4 8 1 o	22.1526	23.6156	359.28	1.20657
3 19 2 8 1 o	1313.3171	1408.4191	0.59	1.20516
11 1 0 4 1 o	16358.5137	17320.9844	0.29	1.20434
4 4 4 8 1 o	373.2866	401.9184	180.23	1.20423
3 21 1 8 1 o	3853.3206	4148.6787	0.37	1.20415
8 1 3 8 1 o	4986.7080	5261.9878	180.26	1.20410
7 8 3 8 1 o	3523.1807	3751.9880	180.50	1.20344
7 14 2 8 1 o	17.7163	19.0128	2.16	1.20335
0 20 2 4 1 o	958.0128	1038.4781	0.27	1.20332
9 13 0 4 1 o	4196.6865	4515.3081	180.24	1.20257
10 8 1 8 1 o	2476.0688	2642.4773	180.10	1.20200
9 8 2 8 1 o	61.7582	65.7041	0.35	1.20192
1 9 4 8 1 o	124.1972	136.4920	0.35	1.20119
9 12 1 8 1 o	144.8938	155.4303	181.03	1.20092
8 2 3 8 1 o	185.7207	196.5705	180.38	1.20054
6 11 3 8 1 o	159.2102	170.5452	1.06	1.20002
3 7 4 8 1 o	16.6767	18.0762	179.89	1.19965
1 20 2 8 1 o	1693.2089	1814.8057	180.28	1.19840
2 16 3 8 1 o	67.7423	72.5311	0.47	1.19791
5 13 3 8 1 o	296.8459	314.8981	180.18	1.19742
6 16 2 8 1 o	1319.1010	1389.3719	0.10	1.19641
11 3 0 4 1 o	1153.4248	1197.2600	0.87	1.19491
8 3 3 8 1 o	169.8306	175.8668	358.61	1.19467
4 5 4 8 1 o	1607.1752	1663.2772	0.74	1.19364
1 22 1 8 1 o	470.4047	484.0800	180.44	1.19275
8 12 2 8 1 o	84.5132	86.1579	178.83	1.19112
10 10 0 4 1 o	471.9915	480.4452	359.83	1.19075
8 15 1 8 1 o	502.9334	508.6373	180.68	1.18900
7 17 1 8 1 o	1370.2351	1376.3855	0.19	1.18721
2 9 4 8 1 o	23.1267	23.1495	0.89	1.18668
8 4 3 8 1 o	0.1652	0.1657	355.76	1.18660
10 0 2 4 1 o	1423.7734	1420.1023	0.66	1.18441
0 10 4 4 1 o	10.9327	10.8581	0.80	1.18400
2 20 2 8 1 o	2590.1924	2574.8669	180.41	1.18398
8 16 0 4 1 o	116.9949	116.2417	1.17	1.18373
7 9 3 8 1 o	3.0382	3.0206	2.06	1.18369
10 1 2 8 1 o	39.0664	38.8545	179.91	1.18328
10 9 1 8 1 o	367.0737	363.6721	0.75	1.18233
3 8 4 8 1 o	115.8849	114.5052	180.62	1.18235
9 9 2 8 1 o	508.8347	504.2508	180.30	1.18225
4 6 4 8 1 o	299.0825	294.7767	0.12	1.18106
10 2 2 8 1 o	0.1459	0.1441	354.54	1.17990
5 0 4 4 1 o	12557.5859	12354.8877	180.20	1.17942
1 10 4 8 1 o	4.5544	4.4633	2.27	1.17931
0 17 3 4 1 o	750.3265	736.4163	180.47	1.17916
2 22 1 8 1 o	841.9112	826.9235	180.55	1.17853
5 1 4 8 1 o	747.3580	734.4528	0.01	1.17830
11 5 0 4 1 o	3477.8711	3418.9226	0.15	1.17669
8 5 3 8 1 o	771.3212	758.5764	180.47	1.17646
4 15 3 8 1 o	2949.6077	2892.2927	0.46	1.17626

5 2 4 8 1 o	962.6353	943.1252	0.54	1.17496
5 20 1 8 1 o	1369.5729	1340.3771	180.40	1.17473
1 17 3 8 1 o	11.3802	11.1249	180.22	1.17453
10 3 2 8 1 o	4915.1733	4830.1250	0.50	1.17433
3 16 3 8 1 o	83.3470	81.4721	181.20	1.17419
11 1 1 8 1 o	831.2438	816.0657	180.03	1.17404
6 12 3 8 1 o	718.2460	703.1158	180.57	1.17376
9 13 1 8 1 o	54.9503	53.7824	359.97	1.17240
4 19 2 8 1 o	1864.7699	1821.4508	180.80	1.17176
1 23 0 4 1 o	4742.8003	4635.1069	180.35	1.17174
5 18 2 8 1 o	7474.3252	7303.6460	0.19	1.17125
4 21 1 8 1 o	1198.6136	1171.4015	180.29	1.17084
11 2 1 8 1 o	122.6033	120.4172	0.75	1.17074
7 15 2 8 1 o	104.3753	102.2140	181.77	1.17026
5 3 4 8 1 o	238.2717	233.6311	180.61	1.16946
6 19 1 8 1 o	548.5189	541.1975	180.55	1.16728
5 14 3 8 1 o	6462.7046	6386.4663	0.57	1.16696
4 7 4 8 1 o	169.0935	167.2653	1.27	1.16670
10 4 2 8 1 o	18.7844	18.5949	180.91	1.16666
2 10 4 8 1 o	1618.6716	1612.7653	0.26	1.16557
11 3 1 8 1 o	4279.8628	4251.5283	0.51	1.16529
8 6 3 8 1 o	432.4735	430.5088	0.57	1.16442
3 9 4 8 1 o	21.9916	22.0725	0.34	1.16361
8 13 2 8 1 o	91.6614	91.6644	181.48	1.16327
7 10 3 8 1 o	2699.0728	2700.0757	180.60	1.16274
5 4 4 8 1 o	595.0775	597.9161	0.39	1.16189
10 10 1 8 1 o	565.1046	566.1203	180.15	1.16144
9 10 2 8 1 o	575.5540	576.0623	180.49	1.16137
3 20 2 8 1 o	139.1083	140.4428	0.91	1.16107
2 17 3 8 1 o	2188.6958	2216.2520	0.37	1.16095
6 17 2 8 1 o	5079.6831	5100.0269	0.64	1.15958
5 21 0 4 1 o	5710.3105	5718.1680	0.49	1.15888
11 4 1 8 1 o	100.2088	99.2776	180.10	1.15780
10 5 2 8 1 o	1505.4866	1486.4847	180.27	1.15702
1 11 4 8 1 o	12.1276	11.8499	0.99	1.15647
3 22 1 8 1 o	77.9775	76.3120	0.96	1.15593
8 16 1 8 1 o	50.4376	49.2221	180.85	1.15493
6 20 0 4 1 o	2128.0215	2070.3713	180.32	1.15382
4 22 0 4 1 o	21.3589	20.7800	0.12	1.15304
1 21 2 8 1 o	31.7831	30.8938	0.50	1.15293
5 5 4 8 1 o	1.4515	1.4135	352.62	1.15236
11 7 0 4 1 o	4012.0662	3916.5806	0.29	1.15085
4 8 4 8 1 o	543.9547	528.8830	180.02	1.15076
8 7 3 8 1 o	823.9818	804.9645	180.54	1.15065
7 18 1 8 1 o	1.8403	1.7934	180.02	1.14912
11 5 1 8 1 o	3.2984	3.2313	184.25	1.14838
0 23 1 4 1 o	695.0494	679.4449	180.36	1.14806
6 13 3 8 1 o	167.1579	164.3310	0.77	1.14708
10 6 2 8 1 o	4106.8057	4051.3044	0.38	1.14555
9 14 1 8 1 o	318.9084	318.0267	0.29	1.14376
1 23 1 8 1 o	252.1126	252.2723	0.10	1.14378
3 10 4 8 1 o	59.1703	59.5685	0.10	1.14369
2 11 4 8 1 o	236.8132	239.3651	0.84	1.14350
4 16 3 8 1 o	125.4293	125.9414	180.57	1.14324

10 12 0 4 1 o	15765.5488	15718.1914	180.34	1.14304
9 15 0 4 1 o	6672.1641	6634.8413	0.50	1.14110
5 6 4 8 1 o	410.1791	407.7457	180.37	1.14103
7 11 3 8 1 o	6.6890	6.6089	359.70	1.14083
2 21 2 8 1 o	374.0131	370.5219	180.45	1.14007
10 11 1 8 1 o	290.4644	284.2312	0.30	1.13960
9 11 2 8 1 o	308.8463	301.6689	0.01	1.13953
3 17 3 8 1 o	41.6149	40.9252	180.03	1.13932
7 19 0 4 1 o	7228.8267	6995.4668	0.44	1.13828
7 16 2 8 1 o	273.4067	262.3860	1.16	1.13773
1 18 3 8 1 o	14.8460	14.2388	0.24	1.13761
11 6 1 8 1 o	2120.7498	2021.9771	0.48	1.13717
0 12 4 4 1 o	69.2575	65.8195	178.88	1.13707
3 23 0 4 1 o	2304.3352	2182.3386	0.55	1.13678
5 15 3 8 1 o	3.6013	3.4066	179.00	1.13670
8 8 3 8 1 o	995.5002	931.9026	180.34	1.13535
8 14 2 8 1 o	299.2368	278.6577	180.26	1.13528
4 9 4 8 1 o	18.8008	17.0539	358.70	1.13346
1 12 4 8 1 o	2.0508	1.8339	21.93	1.13291
5 19 2 8 1 o	457.2550	413.1857	181.09	1.13264
10 7 2 8 1 o	63.8961	58.6954	0.78	1.13243
5 21 1 8 1 o	794.8319	715.2249	0.09	1.13181
6 0 4 4 1 o	9631.9434	8736.3555	0.22	1.13123
2 23 1 8 1 o	349.4433	313.9850	180.18	1.13123
4 20 2 8 1 o	73.0863	65.5593	0.69	1.13112
6 1 4 8 1 o	5311.1162	4806.6431	180.68	1.13024
5 7 4 8 1 o	0.6447	0.5797	180.96	1.12807
9 1 3 8 1 o	103.9487	95.3958	180.43	1.12766
0 24 0 2 1 o	1428.2987	1284.9919	181.25	1.12733
6 2 4 8 1 o	58.2228	52.8078	180.95	1.12729
6 20 1 8 1 o	1801.2344	1619.5233	180.46	1.12709
4 22 1 8 1 o	2815.0779	2539.5005	0.51	1.12636
2 18 3 8 1 o	32.5608	29.4577	180.42	1.12526
9 2 3 8 1 o	2.7985	2.6002	358.97	1.12474
11 7 1 8 1 o	221.0509	204.8232	180.26	1.12433
6 18 2 8 1 o	9533.4482	8766.7461	0.17	1.12401
3 11 4 8 1 o	4.6169	4.2762	359.56	1.12281
6 3 4 8 1 o	1941.5469	1822.3480	0.74	1.12243
8 17 1 8 1 o	1064.7537	1004.3804	180.17	1.12169
2 12 4 8 1 o	46.6806	44.4844	181.33	1.12071
6 14 3 8 1 o	229.3885	220.7639	0.40	1.12022
9 3 3 8 1 o	195.3103	189.0444	180.43	1.11991
3 21 2 8 1 o	1025.3733	996.3412	180.58	1.11957
11 9 0 4 1 o	356.9705	349.3380	180.08	1.11892
8 9 3 8 1 o	6138.9062	6017.4492	180.50	1.11873
7 12 3 8 1 o	2017.2542	1992.2954	0.71	1.11819
10 8 2 8 1 o	86.8550	85.8620	179.93	1.11784
10 12 1 8 1 o	2771.6770	2771.2332	180.68	1.11704
9 12 2 8 1 o	444.9858	444.6496	181.09	1.11698
6 4 4 8 1 o	156.0201	157.7184	359.68	1.11573
9 15 1 8 1 o	1553.3685	1579.9961	180.75	1.11523
4 10 4 8 1 o	28.6963	29.4390	0.31	1.11503
0 22 2 4 1 o	512.9327	527.3979	0.39	1.11431
5 8 4 8 1 o	39.3245	40.2495	179.18	1.11364

8 18 0 4 1 o	7681.4775	7870.2627	0.49	1.11348
9 4 3 8 1 o	2800.5190	2830.3022	0.36	1.11325
7 19 1 8 1 o	2564.9919	2619.8308	180.37	1.11259
2 24 0 4 1 o	62.9471	63.7972	3.74	1.11138
3 23 1 8 1 o	1379.1903	1396.1298	180.21	1.11119
4 17 3 8 1 o	73.6958	74.4793	180.89	1.11098
1 22 2 8 1 o	111.4589	112.1611	0.36	1.11039
11 8 1 8 1 o	377.5648	380.4359	180.46	1.11004
1 13 4 8 1 o	545.2805	542.9159	0.37	1.10887
8 15 2 8 1 o	611.2050	615.7705	0.95	1.10736
6 5 4 8 1 o	261.2057	263.2936	181.73	1.10729
5 16 3 8 1 o	789.6806	796.1785	0.56	1.10682
0 19 3 4 1 o	301.4286	305.0849	180.33	1.10596
7 17 2 8 1 o	16238.9619	16432.1094	0.42	1.10592
3 18 3 8 1 o	1294.4154	1311.4945	0.52	1.10553
12 0 0 2 1 o	505.5234	512.7845	358.49	1.10507
9 5 3 8 1 o	630.3215	639.7749	0.35	1.10487
1 19 3 8 1 o	442.3711	448.6341	180.29	1.10213
10 9 2 8 1 o	14.2928	14.6389	180.08	1.10197
12 2 0 4 1 o	3384.0981	3477.5762	0.40	1.10140
3 12 4 8 1 o	1.8063	1.8421	193.89	1.10122
8 10 3 8 1 o	258.7552	266.5603	180.42	1.10099
2 22 2 8 1 o	66.6773	70.3555	179.99	1.09890
1 24 1 8 1 o	81.1358	86.0101	0.35	1.09858
5 9 4 8 1 o	320.0276	342.4565	0.32	1.09794
2 13 4 8 1 o	969.1141	1056.2306	0.53	1.09742
6 6 4 8 1 o	73.9671	79.5564	180.13	1.09723
11 0 2 4 1 o	5857.6943	6271.3140	180.69	1.09615
5 20 2 8 1 o	2293.2964	2532.8503	180.36	1.09581
4 11 4 8 1 o	1757.3165	1951.7562	180.51	1.09566
11 1 2 8 1 o	914.5325	983.1391	180.28	1.09525
7 13 3 8 1 o	1.1613	1.2728	182.05	1.09506
9 6 3 8 1 o	6236.8096	6731.6245	180.53	1.09487
11 9 1 8 1 o	9391.3516	10226.8740	0.63	1.09449
10 13 1 8 1 o	1.5088	1.6551	180.47	1.09397
9 13 2 8 1 o	258.5395	282.7100	180.52	1.09391
10 14 0 4 1 o	875.3610	962.5709	0.28	1.09343
6 15 3 8 1 o	15.7950	17.4254	1.79	1.09337
4 21 2 8 1 o	637.5590	704.9611	0.63	1.09265
11 2 2 8 1 o	24.1354	25.8957	179.46	1.09257
5 22 1 8 1 o	637.7703	695.5106	180.69	1.09148
2 19 3 8 1 o	1523.0371	1657.3423	0.37	1.09089
12 4 0 4 1 o	159.0716	169.0845	0.96	1.09061
6 19 2 8 1 o	1088.5916	1155.9006	0.91	1.08976
8 18 1 8 1 o	561.5015	592.4389	0.42	1.08941
6 21 1 8 1 o	47.7683	50.1039	180.87	1.08901
0 14 4 4 1 o	1991.2559	2060.4282	0.42	1.08819
11 3 2 8 1 o	4287.1123	4427.5420	0.43	1.08814
2 24 1 8 1 o	0.0611	0.0624	176.23	1.08744
9 16 1 8 1 o	3.8858	3.9407	180.59	1.08697
6 7 4 8 1 o	447.3951	447.9700	180.76	1.08568
10 10 2 8 1 o	440.5554	441.7704	180.62	1.08500
4 23 1 8 1 o	15.2628	15.0950	180.35	1.08485
1 14 4 8 1 o	63.9171	62.3755	359.88	1.08455

9 7 3 8 1 o	160.2832	160.5910	180.00	1.08340
11 11 0 4 1 o	50.7884	50.7009	181.89	1.08250
8 11 3 8 1 o	73.9241	73.9255	181.62	1.08233
11 4 2 8 1 o	3.0460	3.0579	1.98	1.08203
7 0 4 4 1 o	524.1008	525.6948	358.99	1.08124
9 17 0 4 1 o	14437.1250	14460.0391	180.37	1.08121
5 10 4 8 1 o	8.6791	8.6956	358.11	1.08116
12 1 1 8 1 o	99.0939	99.5575	0.46	1.08066
3 22 2 8 1 o	845.9869	849.8654	0.15	1.08050
7 1 4 8 1 o	3875.9014	3891.9602	0.43	1.08038
8 16 2 8 1 o	4048.0227	4061.5271	0.41	1.07968
4 18 3 8 1 o	1.1544	1.1594	2.58	1.07958
3 13 4 8 1 o	429.0358	430.3202	180.58	1.07910
1 25 0 4 1 o	108.2647	108.3496	180.54	1.07865
12 2 1 8 1 o	184.8069	185.5056	1.23	1.07809
11 10 1 8 1 o	1.0038	1.0053	179.52	1.07787
7 2 4 8 1 o	471.4975	472.4032	180.74	1.07780
7 20 1 8 1 o	82.6507	82.3804	179.98	1.07763
5 17 3 8 1 o	34.9066	34.7634	180.30	1.07747
4 12 4 8 1 o	303.4042	301.0015	179.99	1.07556
5 23 0 4 1 o	5605.5527	5575.8008	180.64	1.07532
7 18 2 8 1 o	138.5325	138.2035	178.20	1.07494
6 22 0 4 1 o	115.4870	115.1361	181.02	1.07465
11 5 2 8 1 o	490.9949	495.6636	180.34	1.07433
12 3 1 8 1 o	517.1865	522.7808	180.66	1.07383
2 14 4 8 1 o	137.8077	137.2985	359.79	1.07383
7 3 4 8 1 o	413.5112	417.7469	180.33	1.07355
12 6 0 4 1 o	1805.6876	1827.8843	180.72	1.07331
3 19 3 8 1 o	433.7169	437.2031	0.23	1.07289
6 8 4 8 1 o	335.9229	340.2893	0.03	1.07281
7 14 3 8 1 o	2493.7527	2552.3923	180.59	1.07162
10 14 1 8 1 o	1054.0913	1088.7975	0.41	1.07060
9 8 3 8 1 o	6160.3818	6364.0571	0.45	1.07060
9 14 2 8 1 o	17.6236	18.2122	358.89	1.07054
1 23 2 8 1 o	0.6891	0.7119	0.09	1.07056
3 24 1 8 1 o	47.8875	49.9383	0.60	1.06960
1 20 3 8 1 o	230.4457	244.0732	359.91	1.06811
12 4 1 8 1 o	449.1835	473.7198	0.33	1.06796
7 4 4 8 1 o	195.2586	206.6959	180.50	1.06768
4 24 0 4 1 o	108.9742	116.3125	358.36	1.06731
10 11 2 8 1 o	1770.5083	1882.4554	180.31	1.06713
6 16 3 8 1 o	192.7444	206.8886	0.49	1.06670
7 21 0 4 1 o	6393.5977	6963.4004	180.50	1.06535
11 6 2 8 1 o	9161.9375	9841.6182	180.37	1.06513
5 11 4 8 1 o	237.7795	260.9042	0.39	1.06347
8 12 3 8 1 o	462.9768	504.1026	0.58	1.06295
5 21 2 8 1 o	305.6540	334.8033	1.04	1.06072
12 5 1 8 1 o	102.2975	110.7400	0.77	1.06055
11 11 1 8 1 o	414.7672	450.6835	180.60	1.06034
7 5 4 8 1 o	356.8968	387.4507	0.73	1.06028
2 23 2 8 1 o	1643.5745	1799.3402	0.48	1.06025
1 15 4 8 1 o	17.6639	19.4141	0.68	1.06013
0 25 1 4 1 o	285.6770	312.1744	0.32	1.06009
9 17 1 8 1 o	76.3523	83.0533	179.98	1.05913

6 9 4 8 1 o	5.9015	6.4043	2.44	1.05875
8 19 1 8 1 o	15.4777	16.8011	0.63	1.05813
2 20 3 8 1 o	0.0170	0.0185	197.22	1.05787
10 1 3 8 1 o	237.3016	253.6751	179.96	1.05736
6 20 2 8 1 o	2543.5605	2747.6260	180.36	1.05684
1 25 1 8 1 o	229.4635	247.7296	180.74	1.05672
9 9 3 8 1 o	828.7863	886.8199	180.43	1.05663
3 14 4 8 1 o	0.0061	0.0066	103.42	1.05664
4 22 2 8 1 o	1389.1165	1497.2504	0.31	1.05624
10 2 3 8 1 o	3.4336	3.6278	0.52	1.05495
4 13 4 8 1 o	3571.9707	3817.5718	180.47	1.05492
11 7 2 8 1 o	4.8259	5.0960	2.69	1.05456
5 23 1 8 1 o	510.7003	537.6998	0.44	1.05359
6 22 1 8 1 o	504.7595	527.6600	180.93	1.05296
0 1 5 4 1 o	960.7258	1000.2221	0.26	1.05263
8 17 2 8 1 o	4789.7056	4975.6216	180.44	1.05238
12 6 1 8 1 o	2228.2056	2303.0151	0.56	1.05170
7 6 4 8 1 o	1.1114	1.1454	348.13	1.05144
3 25 0 4 1 o	226.7537	232.5266	0.60	1.05119
10 3 3 8 1 o	3930.2656	4044.6562	0.58	1.05096
12 8 0 4 1 o	673.6315	689.4359	0.31	1.05042
2 15 4 8 1 o	150.7369	152.1591	180.47	1.05011
1 1 5 8 1 o	16.9052	16.8943	0.82	1.04933
4 19 3 8 1 o	90.9015	91.6058	179.40	1.04912
5 18 3 8 1 o	176.9141	178.3882	180.74	1.04875
10 12 2 8 1 o	857.4357	870.4529	180.64	1.04854
8 20 0 4 1 o	1247.6052	1258.3829	0.45	1.04807
7 15 3 8 1 o	264.9601	268.0318	0.28	1.04804
10 15 1 8 1 o	573.2855	580.6142	0.56	1.04709
9 15 2 8 1 o	555.1707	562.6029	0.93	1.04704
1 2 5 8 1 o	153.9241	154.7216	0.56	1.04697
2 25 1 8 1 o	2311.1194	2337.4592	0.42	1.04680
0 3 5 4 1 o	2961.2231	2990.6489	0.55	1.04631
4 24 1 8 1 o	587.0372	595.2420	180.35	1.04605
10 4 3 8 1 o	91.6869	93.2952	0.34	1.04546
5 12 4 8 1 o	3674.0786	3738.2136	180.10	1.04507
7 19 2 8 1 o	756.3492	769.9617	0.71	1.04486
7 21 1 8 1 o	146.4183	149.2436	181.18	1.04420
3 23 2 8 1 o	2487.3445	2537.0527	0.53	1.04370
6 10 4 8 1 o	669.0797	681.6536	0.38	1.04368
10 16 0 4 1 o	4998.5132	5092.3901	180.40	1.04349
11 13 0 4 1 o	828.7186	843.4661	0.11	1.04317
1 3 5 8 1 o	3563.1216	3650.8018	180.49	1.04307
8 13 3 8 1 o	99.1484	100.8371	180.56	1.04301
11 8 2 8 1 o	941.7371	956.3336	0.22	1.04274
11 12 1 8 1 o	1142.2706	1158.2889	0.61	1.04209
9 10 3 8 1 o	1553.4370	1571.7684	0.52	1.04165
12 7 1 8 1 o	6.4672	6.5399	359.97	1.04152
3 20 3 8 1 o	1543.1481	1561.5804	0.58	1.04143
7 7 4 8 1 o	88.3602	89.2262	180.26	1.04126
0 26 0 2 1 o	0.1794	0.1802	147.16	1.04061
6 17 3 8 1 o	465.3729	466.2378	0.41	1.04036
2 1 5 8 1 o	112.4855	111.1669	180.03	1.03961
0 16 4 4 1 o	1270.5540	1246.1599	180.17	1.03894

0 21 3 4 1 o	1908.5100	1875.4514	180.77	1.03871
10 5 3 8 1 o	173.1131	173.2605	180.38	1.03850
1 4 5 8 1 o	27.6368	26.7697	0.89	1.03769
2 2 5 8 1 o	29.3894	28.5594	181.17	1.03731
0 24 2 4 1 o	4130.5122	4075.8662	180.46	1.03637
1 16 4 8 1 o	1105.3258	1090.1382	0.29	1.03577
1 21 3 8 1 o	266.1305	263.9584	180.33	1.03554
3 15 4 8 1 o	239.1184	241.5566	180.50	1.03402
0 5 5 4 1 o	626.4308	632.4355	180.34	1.03401
4 14 4 8 1 o	99.0493	100.1971	0.56	1.03392
2 3 5 8 1 o	3191.5469	3242.8755	180.52	1.03352
1 24 2 8 1 o	5545.8027	5650.4185	0.50	1.03322
9 18 1 8 1 o	255.4975	263.1521	180.49	1.03182
8 0 4 4 1 o	5045.4248	5218.6660	0.51	1.03105
1 5 5 8 1 o	212.5737	220.6428	180.67	1.03089
3 25 1 8 1 o	827.8448	858.5501	180.10	1.03086
8 1 4 8 1 o	4702.4072	4886.1152	0.47	1.03030
10 6 3 8 1 o	67.4233	70.0799	180.79	1.03019
12 8 1 8 1 o	3096.1663	3220.9072	0.47	1.03013
7 8 4 8 1 o	500.1729	521.3163	180.38	1.02989
11 9 2 8 1 o	6.9138	7.2050	359.18	1.02982
10 13 2 8 1 o	11.4982	12.0209	0.76	1.02939
2 4 5 8 1 o	1416.1490	1500.1084	180.48	1.02829
8 2 4 8 1 o	87.6992	92.3523	1.14	1.02807
2 26 0 4 1 o	511.4044	541.2179	180.89	1.02803
8 20 1 8 1 o	61.5791	65.2262	0.58	1.02792
6 11 4 8 1 o	1453.1512	1539.3870	0.50	1.02774
5 22 2 8 1 o	7.8889	8.4019	181.53	1.02732
2 16 4 8 1 o	1215.9287	1309.9869	180.47	1.02642
2 21 3 8 1 o	6304.1948	6787.6519	0.44	1.02620
5 13 4 8 1 o	628.4611	675.0079	0.68	1.02611
9 11 3 8 1 o	36.1631	38.5563	0.77	1.02580
8 18 2 8 1 o	4668.2080	5012.3691	0.61	1.02558
6 21 2 8 1 o	1303.3368	1404.7415	180.68	1.02526
7 16 3 8 1 o	277.3521	298.3876	180.56	1.02449
8 3 4 8 1 o	3052.9021	3261.8826	180.69	1.02438
3 1 5 8 1 o	102.5240	111.2853	180.50	1.02399
9 19 0 4 1 o	2381.0496	2567.4944	180.31	1.02395
2 24 2 8 1 o	4893.5303	5287.6387	0.45	1.02394
10 16 1 8 1 o	357.8542	384.7866	180.31	1.02360
9 16 2 8 1 o	1883.6385	2023.4869	180.45	1.02355
11 13 1 8 1 o	138.8638	148.9532	180.63	1.02329
12 10 0 4 1 o	100.1365	107.2656	0.63	1.02303
1 6 5 8 1 o	40.5616	43.9484	180.45	1.02275
8 14 3 8 1 o	267.9059	287.1745	180.37	1.02270
3 2 5 8 1 o	171.8195	185.0113	180.92	1.02180
4 23 2 8 1 o	1080.0310	1160.1904	180.84	1.02178
2 5 5 8 1 o	693.2082	746.8502	0.49	1.02167
5 19 3 8 1 o	121.8368	130.5184	180.12	1.02076
10 7 3 8 1 o	2721.5867	2893.4788	0.35	1.02061
4 20 3 8 1 o	17.9654	19.2142	0.99	1.01965
13 1 0 4 1 o	162.2721	172.2534	181.51	1.01934
8 4 4 8 1 o	107.6626	114.3168	0.77	1.01928
12 0 2 4 1 o	9794.0273	10369.6104	180.59	1.01900

6 23 1 8 1 o	282.3550	301.2004	180.57	1.01881
12 1 2 8 1 o	154.4176	163.1781	181.53	1.01828
3 3 5 8 1 o	2850.6133	3045.6987	0.38	1.01818
5 24 1 8 1 o	359.2796	382.2133	0.37	1.01794
1 26 1 8 1 o	81.7395	86.9072	0.56	1.01787
12 9 1 8 1 o	7912.5625	8368.8203	180.51	1.01767
7 9 4 8 1 o	0.0096	0.0102	12.34	1.01743
0 7 5 4 1 o	0.1204	0.1275	200.63	1.01635
12 2 2 8 1 o	720.8663	755.9275	0.47	1.01612
11 10 2 8 1 o	524.1654	549.9593	179.98	1.01594
7 20 2 8 1 o	717.7239	753.6260	0.50	1.01573
6 18 3 8 1 o	27.8254	28.9851	180.68	1.01444
2 6 5 8 1 o	1.8553	1.9220	358.83	1.01375
13 3 0 4 1 o	547.2548	568.6979	180.82	1.01360
1 7 5 8 1 o	104.1800	107.7010	180.73	1.01338
3 4 5 8 1 o	1359.4323	1405.9215	180.47	1.01317
8 5 4 8 1 o	481.1122	498.9838	0.98	1.01283
4 15 4 8 1 o	791.9093	818.7654	0.51	1.01270
12 3 2 8 1 o	2170.0876	2249.3401	180.54	1.01256
7 22 1 8 1 o	40.4711	41.8627	179.18	1.01229
1 17 4 8 1 o	785.2971	811.4011	180.42	1.01159
3 16 4 8 1 o	65.1084	67.3365	0.38	1.01138
3 21 3 8 1 o	307.5024	318.2509	0.28	1.01117
6 12 4 8 1 o	814.4783	843.3961	0.26	1.01110
10 8 3 8 1 o	12.1769	12.5892	1.06	1.00989
10 14 2 8 1 o	0.0894	0.0926	176.17	1.00984
4 25 1 8 1 o	1708.5515	1772.7050	0.42	1.00973
9 12 3 8 1 o	4743.6548	4907.1431	180.65	1.00926
3 24 2 8 1 o	3339.8232	3466.3430	180.46	1.00901
2 26 1 8 1 o	8457.2363	8772.5820	180.42	1.00899
12 4 2 8 1 o	168.2141	173.0719	0.91	1.00763
3 5 5 8 1 o	243.8764	251.3920	179.98	1.00683
5 14 4 8 1 o	20.6987	21.3019	181.67	1.00674
9 19 1 8 1 o	1022.5749	1043.9003	0.56	1.00513
8 6 4 8 1 o	122.1936	124.6841	0.88	1.00511
2 7 5 8 1 o	128.7891	131.2503	180.19	1.00462
1 22 3 8 1 o	28.4664	28.9888	181.05	1.00439
12 10 1 8 1 o	2206.4250	2244.2664	0.50	1.00426
6 24 0 4 1 o	2888.9753	2940.3291	180.25	1.00424
11 14 1 8 1 o	518.2137	526.8412	180.37	1.00408
7 10 4 8 1 o	1716.3264	1744.5234	0.40	1.00403
4 1 5 8 1 o	682.4008	692.4597	0.13	1.00327
1 8 5 8 1 o	7.5645	7.6743	359.33	1.00289
2 17 4 8 1 o	10222.7119	10362.2344	0.41	1.00288
13 5 0 4 1 o	4482.8564	4527.1099	180.23	1.00241
11 15 0 4 1 o	5756.9370	5810.6084	180.52	1.00228
8 15 3 8 1 o	11.0711	11.1661	185.29	1.00215
5 25 0 4 1 o	2000.8204	2017.7511	180.38	1.00202
12 5 2 8 1 o	323.7101	325.5161	180.38	1.00140
11 11 2 8 1 o	1434.5413	1441.0084	180.38	1.00122
4 2 5 8 1 o	438.7682	440.4565	0.52	1.00121
7 17 3 8 1 o	0.6870	0.6892	1.57	1.00108
13 1 1 8 1 o	90.2263	90.4796	179.68	1.00077
10 17 1 8 1 o	89.4921	89.4043	180.53	1.00025

9 17 2 8 1 o	1017.3776	1016.2227	0.21	1.00020
8 19 2 8 1 o	768.3562	764.2583	180.65	0.99936
7 23 0 4 1 o	2448.4983	2434.0854	0.64	0.99935
3 6 5 8 1 o	1221.7820	1212.9001	0.55	0.99925
1 27 0 4 1 o	34.4268	34.2121	180.14	0.99922
8 21 1 8 1 o	333.0375	330.2550	179.70	0.99879
13 2 1 8 1 o	19.6707	19.5620	181.90	0.99873
1 25 2 8 1 o	10.9088	10.7826	359.76	0.99817
10 9 3 8 1 o	35438.0156	35163.3750	0.50	0.99814
4 3 5 8 1 o	354.2896	349.4714	0.60	0.99780
8 7 4 8 1 o	91.2395	89.9765	179.54	0.99622
2 22 3 8 1 o	68.8632	67.6251	0.24	0.99586
5 23 2 8 1 o	7.0189	6.8959	354.97	0.99553
13 3 1 8 1 o	88.5690	87.2741	182.05	0.99534
6 22 2 8 1 o	24.1263	23.6956	0.33	0.99500
3 26 1 8 1 o	5776.9800	5672.1216	0.53	0.99470
10 18 0 4 1 o	29612.2129	29065.8789	180.52	0.99441
2 8 5 8 1 o	3654.9438	3586.9131	180.46	0.99439
0 9 5 4 1 o	8367.0674	8209.5518	0.55	0.99416
12 6 2 8 1 o	3283.7222	3227.9253	180.49	0.99394
6 13 4 8 1 o	1250.7723	1226.3798	0.72	0.99390
5 20 3 8 1 o	1391.5210	1362.9330	180.51	0.99356
11 1 3 8 1 o	25.7373	25.2823	0.66	0.99314
4 4 5 8 1 o	2129.2673	2081.0315	0.60	0.99308
4 26 0 4 1 o	527.1742	515.0095	179.86	0.99285
12 12 0 4 1 o	7175.1240	7008.4448	0.40	0.99229
9 13 3 8 1 o	82.2574	80.3537	0.66	0.99215
4 16 4 8 1 o	1687.5063	1636.0953	180.37	0.99140
1 9 5 8 1 o	7730.7593	7464.0142	180.62	0.99137
4 21 3 8 1 o	373.4662	362.0348	180.55	0.99120
11 2 3 8 1 o	6.7426	6.5996	4.50	0.99114
13 4 1 8 1 o	253.7318	247.6864	180.48	0.99066
3 7 5 8 1 o	9.9775	9.6254	0.01	0.99051
0 18 4 4 1 o	747.8956	721.0654	0.45	0.99047
12 11 1 8 1 o	1222.9392	1191.1720	0.43	0.99004
10 15 2 8 1 o	2176.6528	2117.7637	180.68	0.99004
7 11 4 8 1 o	98.6689	95.9616	0.31	0.98982
2 25 2 8 1 o	0.0332	0.0322	22.56	0.98980
4 24 2 8 1 o	680.2083	660.2416	180.45	0.98916
6 19 3 8 1 o	119.6802	116.3175	359.60	0.98904
3 17 4 8 1 o	5551.9165	5386.0278	180.47	0.98884
11 3 3 8 1 o	154.5959	151.6026	0.59	0.98783
1 18 4 8 1 o	15157.6211	14799.5732	0.63	0.98772
8 22 0 4 1 o	2.1938	2.1440	0.83	0.98767
7 21 2 8 1 o	2234.2917	2184.4873	180.66	0.98760
5 15 4 8 1 o	349.1852	341.8714	0.41	0.98712
4 5 5 8 1 o	109.7472	107.4308	180.50	0.98711
6 24 1 8 1 o	527.0958	516.8262	0.71	0.98647
13 7 0 4 1 o	2900.3835	2847.1638	180.48	0.98630
8 8 4 8 1 o	8.2875	8.1352	180.34	0.98624
11 12 2 8 1 o	3902.6958	3833.0396	0.46	0.98582
10 10 3 8 1 o	4.2181	4.1461	1.35	0.98548
12 7 2 8 1 o	0.2732	0.2687	202.98	0.98533
13 5 1 8 1 o	508.3877	500.1725	0.83	0.98474

11 15 1 8 1 o	2820.9641	2772.1553	0.68	0.98461
0 27 1 4 1 o	5629.3643	5528.0923	180.47	0.98442
5 25 1 8 1 o	463.8617	455.4735	0.62	0.98437
11 4 3 8 1 o	1.8183	1.7940	1.06	0.98325
2 9 5 8 1 o	11845.6357	11625.2100	180.64	0.98317
3 22 3 8 1 o	3197.0730	3144.0728	0.54	0.98211
9 0 4 4 1 o	10348.3486	10227.8867	0.62	0.98183
7 23 1 8 1 o	1105.1449	1087.9961	180.38	0.98183
1 27 1 8 1 o	13736.8643	13528.0820	180.61	0.98171
8 16 3 8 1 o	118.4441	116.8556	180.48	0.98149
9 1 4 8 1 o	966.5720	956.6709	0.43	0.98119
3 8 5 8 1 o	7864.5537	7741.4854	180.57	0.98070
4 6 5 8 1 o	2.1217	2.0965	180.07	0.97997
2 18 4 8 1 o	2886.7776	2855.1797	180.57	0.97960
9 2 4 8 1 o	509.2928	507.3048	0.42	0.97926
9 20 1 8 1 o	18.3268	18.2194	180.23	0.97913
1 10 5 8 1 o	203.9741	202.3483	0.35	0.97897
5 1 5 8 1 o	64.1754	64.1012	179.54	0.97839
7 18 3 8 1 o	2248.1646	2253.5557	0.43	0.97792
13 6 1 8 1 o	24.0033	24.0932	181.37	0.97764
11 5 3 8 1 o	71.8068	72.1200	180.95	0.97746
3 27 0 4 1 o	2071.2683	2086.3171	180.59	0.97727
0 23 3 4 1 o	158.7437	160.0721	0.07	0.97727
10 18 1 8 1 o	3.8264	3.8559	180.63	0.97715
9 18 2 8 1 o	5828.1694	5873.5659	180.66	0.97711
5 2 5 8 1 o	681.9351	690.6375	0.69	0.97647
3 25 2 8 1 o	80.5925	81.7346	0.91	0.97629
6 14 4 8 1 o	182.0524	184.4541	0.75	0.97627
9 3 4 8 1 o	198.7765	200.8781	0.36	0.97607
12 8 2 8 1 o	109.2248	110.5520	0.35	0.97567
4 26 1 8 1 o	2364.0569	2403.0544	1.00	0.97567
8 9 4 8 1 o	65.0347	65.9866	359.69	0.97528
12 12 1 8 1 o	1023.7372	1039.4512	0.69	0.97514
7 12 4 8 1 o	2585.5718	2628.7556	0.40	0.97493
9 14 3 8 1 o	6606.3311	6716.7476	0.40	0.97461
1 23 3 8 1 o	83.5327	85.2268	0.85	0.97462
8 20 2 8 1 o	115.5126	117.7751	180.43	0.97379
2 27 1 8 1 o	3555.5583	3626.7046	0.60	0.97374
5 3 5 8 1 o	2.7856	2.8441	180.80	0.97331
10 11 3 8 1 o	72.8259	74.4189	180.59	0.97203
4 7 5 8 1 o	634.1541	653.4689	180.59	0.97172
9 4 4 8 1 o	11.4938	11.7426	180.15	0.97165
2 10 5 8 1 o	2299.7083	2392.3855	180.50	0.97106
8 22 1 8 1 o	354.0057	365.6355	0.70	0.97075
11 6 3 8 1 o	3140.9536	3206.9275	0.61	0.97052
4 17 4 8 1 o	2972.7068	3086.6392	180.91	0.97014
10 16 2 8 1 o	105.0429	108.0004	0.43	0.97011
3 9 5 8 1 o	81.2654	84.7519	177.31	0.96993
9 21 0 4 1 o	9253.0088	9560.9502	0.51	0.96989
11 13 2 8 1 o	226.3881	232.0540	180.24	0.96985
13 7 1 8 1 o	3056.4553	3122.1228	0.45	0.96945
5 4 5 8 1 o	1120.2570	1152.6381	0.57	0.96893
0 11 5 4 1 o	651.2003	672.7967	180.46	0.96835
0 26 2 4 1 o	916.5872	931.0498	0.54	0.96780

5 16 4 8 1 o	0.5372	0.5421 195.21 0.96736
5 21 3 8 1 o	87.3434	87.8839 180.26 0.96718
2 23 3 8 1 o	346.8766	347.1120 179.97 0.96682
3 18 4 8 1 o	56.9529	56.6809 185.36 0.96650
0 28 0 2 1 o	217.5710	215.9650 179.71 0.96628
9 5 4 8 1 o	10.9164	10.8366 359.81 0.96606
6 23 2 8 1 o	637.5299	630.3423 1.16 0.96603
13 9 0 4 1 o	893.9146	885.7512 0.35 0.96597
1 11 5 8 1 o	8.4508	8.2931 180.69 0.96578
5 24 2 8 1 o	240.1067	234.9577 0.47 0.96529
1 26 2 8 1 o	64.8655	63.4094 181.77 0.96523
12 9 2 8 1 o	3.6111	3.5528 178.94 0.96506
11 16 1 8 1 o	3.1322	3.0661 178.15 0.96500
6 20 3 8 1 o	4.1920	4.0616 182.02 0.96423
1 19 4 8 1 o	105.7658	101.7603 0.51 0.96423
4 22 3 8 1 o	4.1545	4.0044 359.56 0.96378
8 10 4 8 1 o	127.4238	123.8685 180.05 0.96346
5 5 5 8 1 o	44.2264	42.6494 0.87 0.96339
11 7 3 8 1 o	27.4025	26.7137 180.73 0.96250
4 8 5 8 1 o	1048.0320	1008.4181 1.07 0.96245
11 17 0 4 1 o	4649.9810	4509.8794 180.50 0.96097
3 27 1 8 1 o	367.9247	356.4752 2.03 0.96088
8 17 3 8 1 o	487.1971	472.8237 180.10 0.96085
7 22 2 8 1 o	90.1571	87.4443 0.75 0.96047
13 8 1 8 1 o	4105.4199	3997.6746 180.55 0.96024
12 13 1 8 1 o	30.6890	29.8656 179.77 0.95968
7 13 4 8 1 o	325.7273	316.8051 180.61 0.95948
9 6 4 8 1 o	1530.3755	1492.0615 0.78 0.95936
12 14 0 4 1 o	135.9307	132.2773 180.95 0.95931
6 15 4 8 1 o	1260.7219	1226.4587 180.68 0.95835
3 10 5 8 1 o	3996.3479	3884.5925 180.56 0.95830
4 25 2 8 1 o	34.2546	33.3125 181.19 0.95828
2 11 5 8 1 o	1199.5272	1165.9543 0.52 0.95819
10 12 3 8 1 o	18.1130	17.6569 181.52 0.95792
2 26 2 8 1 o	2.1737	2.1128 183.63 0.95765
9 15 3 8 1 o	575.7651	560.3318 180.40 0.95678
5 6 5 8 1 o	763.2391	740.6681 180.78 0.95674
2 19 4 8 1 o	2922.6379	2830.3975 0.51 0.95667
2 28 0 4 1 o	411.5248	399.2456 180.81 0.95618
6 25 1 8 1 o	871.2427	844.5064 0.19 0.95583
7 19 3 8 1 o	44.8826	43.5803 359.78 0.95511
10 19 1 8 1 o	81.4837	79.3232 181.20 0.95439
9 19 2 8 1 o	9.6067	9.3577 181.77 0.95435
3 23 3 8 1 o	2.3634	2.2955 357.19 0.95422
9 21 1 8 1 o	297.6083	290.3438 1.30 0.95385
12 10 2 8 1 o	120.5781	118.2941 180.23 0.95361
11 8 3 8 1 o	9307.7061	9141.6816 0.39 0.95350
11 14 2 8 1 o	424.3195	416.1884 180.30 0.95346
7 24 1 8 1 o	14.6733	14.4262 181.35 0.95279
5 26 1 8 1 o	315.2830	310.1215 359.53 0.95274
4 9 5 8 1 o	727.8885	718.9766 179.85 0.95226
1 12 5 8 1 o	94.3407	93.5456 180.39 0.95193
9 7 4 8 1 o	248.7450	246.7102 0.33 0.95161
13 0 2 4 1 o	2912.6394	2892.1956 0.73 0.95121

8 11 4 8 1 o	89.5055	89.2132 180.68 0.95089
13 1 2 8 1 o	840.0659	835.9976 180.97 0.95062
6 1 5 8 1 o	0.0170	0.0170 72.90 0.95035
10 17 2 8 1 o	727.8159	728.5024 180.16 0.95017
13 9 1 8 1 o	5096.4702	5089.6470 180.67 0.95013
5 7 5 8 1 o	470.3056	473.1829 0.58 0.94905
4 18 4 8 1 o	703.1332	708.5693 180.30 0.94902
8 21 2 8 1 o	2516.5168	2527.7690 0.64 0.94892
13 2 2 8 1 o	1969.6798	1965.4088 180.54 0.94886
6 2 5 8 1 o	354.0561	355.1198 180.46 0.94859
1 28 1 8 1 o	480.1165	480.8830 180.53 0.94799
5 17 4 8 1 o	559.9810	559.6398 180.12 0.94758
14 0 0 2 1 o	9710.7803	9660.7344 0.59 0.94720
10 20 0 4 1 o	8.5980	8.5510 3.83 0.94699
1 24 3 8 1 o	149.4207	147.4835 180.38 0.94620
13 3 2 8 1 o	237.4586	235.3634 180.29 0.94596
3 11 5 8 1 o	105.9909	104.2005 359.84 0.94592
6 3 5 8 1 o	25.4602	25.1203 179.85 0.94569
3 26 2 8 1 o	6.7551	6.6412 4.01 0.94541
11 17 1 8 1 o	294.6422	290.4657 180.48 0.94536
14 2 0 4 1 o	2625.2964	2594.5566 180.70 0.94489
2 12 5 8 1 o	7.6582	7.4630 0.30 0.94466
3 19 4 8 1 o	628.8206	614.8610 180.59 0.94446
12 14 1 8 1 o	271.3791	267.7698 0.30 0.94379
8 23 1 8 1 o	111.6211	109.7507 0.41 0.94380
4 27 1 8 1 o	11.6765	11.4838 181.97 0.94369
11 9 3 8 1 o	455.7233	451.1879 0.69 0.94359
7 14 4 8 1 o	39.4476	38.8941 1.17 0.94360
0 20 4 4 1 o	24.3758	23.8699 178.39 0.94358
10 13 3 8 1 o	22.4582	22.2231 0.28 0.94325
9 8 4 8 1 o	41.6636	41.3082 0.63 0.94290
13 11 0 4 1 o	970.2386	964.1232 0.87 0.94225
13 4 2 8 1 o	245.8956	245.0950 180.85 0.94194
6 4 5 8 1 o	1199.3232	1194.9851 180.74 0.94167
5 22 3 8 1 o	1076.1715	1071.9686 180.76 0.94166
6 26 0 4 1 o	0.4145	0.4135 351.31 0.94148
12 11 2 8 1 o	2513.6030	2509.9070 0.45 0.94141
4 10 5 8 1 o	1528.7072	1526.8301 0.82 0.94125
1 20 4 8 1 o	1645.2756	1643.5070 180.46 0.94120
2 28 1 8 1 o	1311.1121	1313.7994 180.60 0.94081
5 8 5 8 1 o	389.9349	391.6970 179.17 0.94042
8 18 3 8 1 o	17.7721	17.8541 0.69 0.94032
6 16 4 8 1 o	3.8097	3.8300 180.28 0.94024
6 21 3 8 1 o	345.9941	348.1924 180.47 0.94007
0 13 5 4 1 o	63.2838	63.7347 359.26 0.93989
7 25 0 4 1 o	1022.8302	1031.3438 0.33 0.93971
13 10 1 8 1 o	1047.5946	1057.6152 180.67 0.93919
2 24 3 8 1 o	15.5808	15.7668 1.09 0.93905
9 16 3 8 1 o	229.1347	231.9041 180.13 0.93875
6 24 2 8 1 o	637.4750	647.3209 0.20 0.93833
14 4 0 4 1 o	3125.6023	3170.3486 180.49 0.93805
8 12 4 8 1 o	209.9568	213.4151 180.66 0.93766
1 13 5 8 1 o	714.5679	729.5451 180.40 0.93754
5 27 0 4 1 o	446.9515	455.4875 0.74 0.93739

4 23 3 8 1 o	1400.6840	1428.2217	0.35	0.93739
13 5 2 8 1 o	378.3793	385.3838	180.45	0.93684
11 15 2 8 1 o	309.6550	315.6236	181.04	0.93674
6 5 5 8 1 o	880.9803	898.9631	0.34	0.93658
5 25 2 8 1 o	83.3980	85.1414	180.82	0.93653
12 1 3 8 1 o	0.0750	0.0770	0.55	0.93468
10 0 4 4 1 o	1080.1996	1110.5958	0.13	0.93438
7 23 2 8 1 o	1831.1212	1881.7235	0.67	0.93434
1 27 2 8 1 o	631.5815	649.3760	0.50	0.93424
2 20 4 8 1 o	569.1340	584.9545	0.23	0.93417
10 1 4 8 1 o	756.4643	780.0034	0.12	0.93382
9 9 4 8 1 o	129.2641	133.7147	0.32	0.93332
12 2 3 8 1 o	5.3018	5.4910	179.16	0.93301
3 12 5 8 1 o	1518.0699	1578.7024	0.62	0.93290
11 10 3 8 1 o	4804.5625	4983.5781	0.39	0.93287
7 20 3 8 1 o	190.1000	197.7163	0.93	0.93271
8 24 0 4 1 o	2227.8313	2328.5293	0.51	0.93218
10 2 4 8 1 o	164.9342	171.7939	180.52	0.93216
10 20 1 8 1 o	9.7194	10.1633	177.58	0.93204
9 20 2 8 1 o	127.3163	133.1447	180.37	0.93201
14 1 1 8 1 o	155.5652	162.6086	359.92	0.93170
5 9 5 8 1 o	40.0539	42.3283	180.57	0.93090
13 6 2 8 1 o	1316.5273	1384.5299	0.61	0.93072
1 29 0 4 1 o	485.3907	513.4744	180.02	0.93066
2 13 5 8 1 o	334.2396	355.4776	179.91	0.93058
6 6 5 8 1 o	90.5704	95.9056	0.78	0.93047
10 18 2 8 1 o	628.1924	665.3855	181.05	0.93030
12 3 3 8 1 o	972.4294	1024.3480	180.83	0.93025
14 2 1 8 1 o	600.5755	634.6628	180.87	0.93004
4 11 5 8 1 o	234.4243	251.3511	180.65	0.92951
10 3 4 8 1 o	1761.5927	1866.7856	0.83	0.92940
9 22 1 8 1 o	145.1784	155.2780	180.61	0.92934
3 28 1 8 1 o	85.0524	91.1165	1.01	0.92919
4 26 2 8 1 o	137.2403	147.3442	0.83	0.92902
12 12 2 8 1 o	755.8987	807.3347	0.60	0.92857
10 14 3 8 1 o	159.1667	170.5109	0.38	0.92815
4 19 4 8 1 o	2764.7048	2995.0544	180.70	0.92813
5 18 4 8 1 o	168.0674	181.9206	0.72	0.92788
4 28 0 4 1 o	164.0912	177.3639	180.64	0.92768
12 15 1 8 1 o	740.3769	796.5414	180.68	0.92756
13 11 1 8 1 o	4156.0640	4460.4165	0.50	0.92752
3 24 3 8 1 o	310.8903	337.3970	180.34	0.92750
7 15 4 8 1 o	127.4857	137.5386	180.17	0.92738
2 27 2 8 1 o	110.3887	119.5884	180.91	0.92736
14 3 1 8 1 o	86.0030	92.0392	179.73	0.92731
14 6 0 4 1 o	790.6269	847.9376	0.82	0.92697
6 26 1 8 1 o	5201.6587	5632.9517	180.70	0.92679
12 4 3 8 1 o	1.9761	2.1110	358.85	0.92642
11 18 1 8 1 o	122.1256	131.6598	180.60	0.92579
10 4 4 8 1 o	5.4071	5.7844	183.28	0.92559
7 25 1 8 1 o	776.2845	837.5298	180.76	0.92510
12 16 0 4 1 o	4041.7876	4348.9253	180.36	0.92506
8 22 2 8 1 o	345.8828	372.5979	0.36	0.92477
8 13 4 8 1 o	1188.1062	1275.2628	180.52	0.92389

13 7 2 8 1 o	1.5718	1.6795	188.22	0.92365
14 4 1 8 1 o	162.2642	173.4472	180.79	0.92352
6 7 5 8 1 o	317.6096	341.5048	179.92	0.92340
9 10 4 8 1 o	791.9033	847.2919	180.53	0.92294
5 27 1 8 1 o	205.4786	221.1763	180.59	0.92289
3 20 4 8 1 o	305.7032	330.0496	0.88	0.92279
1 14 5 8 1 o	9.9994	10.8329	0.62	0.92270
6 17 4 8 1 o	7245.6484	7788.5273	0.63	0.92204
12 5 3 8 1 o	0.3752	0.3989	166.95	0.92158
11 11 3 8 1 o	87.0045	92.6970	180.74	0.92144
0 25 3 4 1 o	4715.6499	5071.9995	180.45	0.92127
10 5 4 8 1 o	21.1298	22.4315	181.75	0.92075
9 17 3 8 1 o	1.2146	1.2957	359.26	0.92064
5 10 5 8 1 o	263.2881	282.0887	1.36	0.92061
7 1 5 8 1 o	516.8873	549.9554	180.36	0.92013
11 19 0 4 1 o	385.4646	411.0105	180.71	0.92009
8 19 3 8 1 o	2769.6953	2950.3843	0.49	0.91999
11 16 2 8 1 o	6.5690	6.9753	179.07	0.91980
3 13 5 8 1 o	22.4415	23.9455	179.71	0.91933
9 23 0 4 1 o	5742.1484	6101.9717	180.46	0.91930
1 25 3 8 1 o	124.4747	132.2810	180.10	0.91906
14 5 1 8 1 o	59.8691	63.0183	180.89	0.91872
1 21 4 8 1 o	139.9798	148.4736	0.43	0.91869
0 29 1 4 1 o	198.1795	209.5938	180.18	0.91866
7 2 5 8 1 o	238.6150	251.5455	180.72	0.91853
8 24 1 8 1 o	1277.8622	1343.8944	180.73	0.91791
4 12 5 8 1 o	18.3017	19.1482	180.91	0.91715
5 23 3 8 1 o	2.9637	3.0981	0.83	0.91700
6 22 3 8 1 o	69.8304	72.8445	0.28	0.91658
1 29 1 8 1 o	474.9442	495.1818	0.78	0.91647
3 27 2 8 1 o	122.0075	127.1121	359.85	0.91622
2 14 5 8 1 o	1125.1576	1171.5292	180.52	0.91607
13 13 0 4 1 o	697.2348	724.9249	0.51	0.91596
7 3 5 8 1 o	36.4587	37.9086	358.51	0.91590
12 6 3 8 1 o	1.5911	1.6504	0.57	0.91575
13 8 2 8 1 o	1.0690	1.1091	186.70	0.91568
6 8 5 8 1 o	1562.0756	1623.5649	180.83	0.91544
13 12 1 8 1 o	23.9600	24.8500	359.54	0.91524
12 13 2 8 1 o	1956.7917	2028.7534	0.29	0.91519
10 6 4 8 1 o	328.7528	340.2730	180.39	0.91494
4 28 1 8 1 o	2440.3940	2531.6526	0.65	0.91362
14 6 1 8 1 o	0.0077	0.0080	218.47	0.91294
3 29 0 4 1 o	1076.4840	1114.3036	180.69	0.91285
10 15 3 8 1 o	4268.0928	4397.3628	0.62	0.91270
2 25 3 8 1 o	369.5097	382.8261	180.26	0.91251
7 4 5 8 1 o	542.5225	558.6542	180.72	0.91225
14 8 0 4 1 o	150.4555	154.4128	181.03	0.91211
2 21 4 8 1 o	951.8302	986.3614	180.49	0.91214
4 24 3 8 1 o	321.9812	332.7985	180.52	0.91201
9 11 4 8 1 o	3.9978	4.1001	181.05	0.91187
6 25 2 8 1 o	135.9353	140.2468	0.60	0.91185
12 16 1 8 1 o	134.3608	137.5253	1.07	0.91111
7 16 4 8 1 o	135.4433	138.7382	1.52	0.91094
7 21 3 8 1 o	15.2733	15.6461	0.02	0.91079

10 19 2 8 1 o	580.0874	592.1266	180.26	0.91060
10 21 1 8 1 o	438.8641	447.0041	180.72	0.91016
9 21 2 8 1 o	578.2744	588.5551	0.93	0.91013
2 29 1 8 1 o	15.5315	15.8027	182.68	0.90997
8 14 4 8 1 o	288.6768	291.7427	180.50	0.90968
0 15 5 4 1 o	3523.3384	3599.1692	0.56	0.90965
5 11 5 8 1 o	359.5168	364.9400	0.65	0.90962
11 12 3 8 1 o	929.2749	933.1522	0.91	0.90939
7 24 2 8 1 o	21.1148	21.2912	178.19	0.90921
5 26 2 8 1 o	278.8027	281.1125	359.87	0.90916
12 7 3 8 1 o	3022.8096	3016.6453	0.41	0.90901
5 19 4 8 1 o	280.2761	279.2582	0.82	0.90832
10 7 4 8 1 o	1500.0830	1483.2343	0.27	0.90822
7 5 5 8 1 o	628.8495	617.5405	180.54	0.90762
4 20 4 8 1 o	36.6906	36.0804	179.76	0.90754
1 15 5 8 1 o	2016.5507	1986.4436	180.60	0.90752
0 28 2 4 1 o	864.5867	843.2474	0.59	0.90715
13 9 2 8 1 o	291.4584	282.6862	180.14	0.90689
6 9 5 8 1 o	3815.3672	3684.0637	180.27	0.90666
11 19 1 8 1 o	16.3643	15.7142	358.09	0.90637
14 7 1 8 1 o	1169.2211	1122.5674	180.64	0.90626
9 23 1 8 1 o	445.3088	420.8945	0.31	0.90561
3 14 5 8 1 o	1829.3828	1712.5099	180.61	0.90533
1 28 2 8 1 o	107.8263	100.6246	180.92	0.90503
4 13 5 8 1 o	37.7178	34.5551	359.15	0.90425
6 18 4 8 1 o	1460.5869	1337.2568	180.25	0.90386
11 17 2 8 1 o	63.0597	57.5187	1.07	0.90275
9 18 3 8 1 o	88.9093	80.8911	0.13	0.90254
13 13 1 8 1 o	583.8619	532.5890	0.69	0.90242
7 6 5 8 1 o	3081.8311	2797.4011	0.64	0.90205
3 25 3 8 1 o	30.5419	27.5062	180.33	0.90189
0 30 0 2 1 o	2380.0457	2150.4314	0.66	0.90186
10 22 0 4 1 o	136.0858	122.8567	180.38	0.90173
3 21 4 8 1 o	1.2514	1.1238	358.96	0.90154
12 8 3 8 1 o	38.4293	35.0926	180.05	0.90141
12 14 2 8 1 o	685.9058	622.8188	180.66	0.90137
8 23 2 8 1 o	1348.1460	1215.4435	180.71	0.90138
4 27 2 8 1 o	189.7898	170.7809	1.16	0.90129
2 15 5 8 1 o	3663.3511	3277.9377	180.60	0.90121
10 8 4 8 1 o	642.4139	583.6357	0.24	0.90064
9 12 4 8 1 o	3322.1621	3001.1062	180.55	0.90018
8 20 3 8 1 o	25.0549	22.4702	179.65	0.89992
3 29 1 8 1 o	12.9095	11.5268	356.09	0.89944
6 27 1 8 1 o	859.4838	766.5003	0.13	0.89925
0 22 4 4 1 o	50.9633	45.0957	0.63	0.89878
2 28 2 8 1 o	9.5504	8.5002	359.99	0.89878
14 8 1 8 1 o	2332.4443	2104.4922	180.77	0.89873
7 26 1 8 1 o	5691.0703	5068.2266	0.53	0.89869
5 12 5 8 1 o	656.8514	583.3633	180.99	0.89802
13 10 2 8 1 o	26.0093	23.5077	179.38	0.89736
6 10 5 8 1 o	1778.5741	1587.8021	180.76	0.89713
10 16 3 8 1 o	6.3616	5.7245	0.49	0.89702
11 13 3 8 1 o	1.7257	1.5598	184.59	0.89681
1 22 4 8 1 o	25.6484	22.7304	359.94	0.89673

7 7 5 8 1 o	399.4085	361.5291	180.92	0.89560
8 15 4 8 1 o	2595.3413	2360.6326	0.69	0.89513
5 28 1 8 1 o	940.0018	854.5051	180.74	0.89471
12 17 1 8 1 o	3.6153	3.3096	178.49	0.89453
7 17 4 8 1 o	4450.1909	4072.8967	180.47	0.89437
14 10 0 4 1 o	1.1417	1.0559	11.28	0.89400
6 23 3 8 1 o	369.2805	339.9378	180.53	0.89379
2 30 0 4 1 o	8353.7686	7715.7178	180.42	0.89364
5 24 3 8 1 o	257.7700	239.2717	0.48	0.89320
1 26 3 8 1 o	9460.8398	8778.3174	180.43	0.89316
8 25 1 8 1 o	2216.9619	2063.7297	0.57	0.89308
12 9 3 8 1 o	1371.4895	1288.4009	181.13	0.89302
10 9 4 8 1 o	432.9991	410.4790	180.14	0.89227
1 16 5 8 1 o	33.0347	31.0908	0.72	0.89210
14 0 2 4 1 o	5.3640	5.1608	3.45	0.89131
10 20 2 8 1 o	137.4877	132.2573	179.97	0.89113
3 15 5 8 1 o	1529.9821	1471.4207	0.51	0.89098
4 14 5 8 1 o	1441.6918	1389.2042	0.70	0.89091
14 1 2 8 1 o	7.7684	7.5259	8.89	0.89082
2 22 4 8 1 o	36.2617	35.1312	181.51	0.89064
14 9 1 8 1 o	41.0712	40.0242	180.17	0.89042
12 18 0 4 1 o	2043.2175	1992.9340	1.03	0.89035
14 2 2 8 1 o	910.2994	900.6204	180.75	0.88938
7 22 3 8 1 o	879.0098	873.2051	0.82	0.88938
11 0 4 4 1 o	3328.1104	3301.4177	181.05	0.88917
13 14 1 8 1 o	332.0988	330.4685	180.60	0.88916
5 20 4 8 1 o	1525.7417	1528.1853	180.49	0.88899
10 22 1 8 1 o	381.7283	383.0656	180.22	0.88880
9 22 2 8 1 o	140.5161	141.0495	180.45	0.88876
11 1 4 8 1 o	82.1419	82.0144	0.34	0.88869
3 28 2 8 1 o	83.7441	84.3754	0.41	0.88863
8 1 5 8 1 o	29.2906	29.3896	181.08	0.88860
7 8 5 8 1 o	8563.4541	8644.9150	180.56	0.88833
9 13 4 8 1 o	276.5068	279.9690	0.42	0.88798
13 15 0 4 1 o	382.6680	388.3607	0.99	0.88791
4 25 3 8 1 o	211.3569	216.5088	180.43	0.88764
4 21 4 8 1 o	1700.1997	1751.8921	0.65	0.88730
11 2 4 8 1 o	206.1487	209.3718	0.63	0.88726
12 15 2 8 1 o	456.6497	466.8899	1.09	0.88721
13 11 2 8 1 o	983.6381	1003.5583	0.50	0.88717
11 20 1 8 1 o	355.2711	364.8727	180.66	0.88716
8 2 5 8 1 o	0.0045	0.0046	1.35	0.88716
2 26 3 8 1 o	155.4891	160.4737	180.52	0.88714
14 3 2 8 1 o	42.1771	42.9841	0.73	0.88699
6 11 5 8 1 o	763.2733	786.9885	0.51	0.88695
1 30 1 8 1 o	4.6104	4.7556	1.01	0.88694
6 26 2 8 1 o	25.2078	26.1395	0.33	0.88653
2 16 5 8 1 o	7.6048	7.9762	181.21	0.88610
5 13 5 8 1 o	33.1295	34.6056	179.54	0.88590
7 27 0 4 1 o	2993.3406	3123.6995	180.51	0.88578
6 19 4 8 1 o	2826.9087	2950.3679	0.68	0.88575
11 18 2 8 1 o	2001.0265	2079.2615	1.05	0.88566
6 28 0 4 1 o	253.5396	265.2271	0.56	0.88536
4 29 1 8 1 o	479.3661	501.5030	180.11	0.88530

7 25 2 8 1 o	71.7245	75.1243	0.89	0.88505
11 3 4 8 1 o	1560.6814	1612.3751	180.48	0.88488
8 3 5 8 1 o	273.3011	284.3670	181.02	0.88479
9 19 3 8 1 o	1.8577	1.9414	177.46	0.88451
12 10 3 8 1 o	0.0289	0.0300	178.43	0.88392
11 14 3 8 1 o	1.2586	1.3101	179.23	0.88380
14 4 2 8 1 o	656.5039	680.4383	180.56	0.88367
15 1 0 4 1 o	7874.5107	8177.1582	0.58	0.88359
10 10 4 8 1 o	7.2668	7.5497	1.21	0.88319
5 27 2 8 1 o	729.0172	764.3026	0.75	0.88312
9 24 1 8 1 o	1310.2949	1370.1954	0.54	0.88267
11 4 4 8 1 o	26.9494	27.8057	1.64	0.88159
13 1 3 8 1 o	0.2417	0.2491	182.73	0.88154
8 4 5 8 1 o	1221.5686	1264.1073	0.53	0.88150
14 10 1 8 1 o	869.6463	898.6665	180.95	0.88140
8 26 0 4 1 o	323.7187	335.8626	180.52	0.88134
10 17 3 8 1 o	102.0534	105.4772	180.48	0.88118
2 30 1 8 1 o	262.1015	271.2366	0.76	0.88105
3 22 4 8 1 o	350.9036	362.7797	0.31	0.88076
8 16 4 8 1 o	1546.0300	1589.0853	180.57	0.88032
7 9 5 8 1 o	1242.6721	1277.1809	180.71	0.88030
11 21 0 4 1 o	3788.2515	3893.8257	180.54	0.88027
8 21 3 8 1 o	1.9663	2.0194	14.29	0.88018
13 2 3 8 1 o	112.1305	114.9377	181.91	0.88014
5 29 0 4 1 o	731.0237	750.3586	0.63	0.88010
15 3 0 4 1 o	1984.1946	2031.9263	180.44	0.87984
14 5 2 8 1 o	135.7096	138.7182	0.97	0.87946
8 24 2 8 1 o	256.3235	260.5026	1.06	0.87875
0 17 5 4 1 o	843.2673	852.5432	180.40	0.87843
12 18 1 8 1 o	119.0715	120.7895	359.74	0.87789
0 0 6 2 1 o	36070.1602	36400.3164	180.53	0.87786
13 3 3 8 1 o	225.2413	229.2361	180.51	0.87782
7 18 4 8 1 o	1315.0438	1332.6180	0.82	0.87774
1 29 2 8 1 o	18.3546	18.5776	1.60	0.87748
11 5 4 8 1 o	49.7085	50.5522	180.12	0.87741
3 26 3 8 1 o	1158.8032	1172.0344	0.97	0.87738
8 5 5 8 1 o	225.5224	228.8370	0.42	0.87732
4 15 5 8 1 o	297.8173	300.9305	0.70	0.87723
1 17 5 8 1 o	825.8477	833.4814	0.47	0.87651
13 12 2 8 1 o	59.8840	60.8223	181.67	0.87640
3 16 5 8 1 o	280.0315	282.8378	180.74	0.87637
6 12 5 8 1 o	99.1464	100.4150	1.08	0.87619
0 2 6 4 1 o	39.7281	40.1006	359.80	0.87601
1 0 6 4 1 o	1210.8333	1222.5687	180.81	0.87594
13 15 1 8 1 o	394.2409	400.5177	181.29	0.87556
1 1 6 8 1 o	5477.6304	5541.3076	180.44	0.87548
9 14 4 8 1 o	48.1112	48.9149	0.04	0.87534
1 23 4 8 1 o	81.0474	82.1255	180.37	0.87535
4 28 2 8 1 o	700.2181	711.3604	0.34	0.87498
13 4 3 8 1 o	1132.2948	1156.2134	180.40	0.87460
14 6 2 8 1 o	261.1991	266.7975	0.74	0.87439
12 11 3 8 1 o	1711.4469	1748.8260	0.52	0.87418
1 2 6 8 1 o	4.5981	4.6841	176.10	0.87411
7 27 1 8 1 o	1049.9828	1073.3490	180.84	0.87352

10 11 4 8 1 o	60.2918	61.7613	181.02	0.87347
5 14 5 8 1 o	56.5235	57.8077	2.16	0.87335
14 12 0 4 1 o	81.1807	83.1932	181.24	0.87327
6 28 1 8 1 o	1523.7963	1560.5981	180.75	0.87312
12 16 2 8 1 o	8.9135	9.1554	179.26	0.87278
15 5 0 4 1 o	2028.7260	2088.5400	0.47	0.87249
11 6 4 8 1 o	2774.8071	2859.1660	180.67	0.87238
8 6 5 8 1 o	721.4026	743.1149	180.69	0.87229
9 25 0 4 1 o	164.2097	169.0138	180.28	0.87224
10 21 2 8 1 o	1930.4073	1991.7743	180.69	0.87195
1 3 6 8 1 o	298.9989	308.2734	0.41	0.87184
2 29 2 8 1 o	5.6115	5.7951	183.78	0.87178
14 11 1 8 1 o	541.1022	559.5214	180.65	0.87174
6 24 3 8 1 o	175.1754	181.0058	0.73	0.87171
7 10 5 8 1 o	4321.9961	4472.3438	180.54	0.87158
3 30 1 8 1 o	93.1546	96.4564	180.70	0.87148
15 1 1 8 1 o	150.9991	156.5030	181.06	0.87141
1 31 0 4 1 o	20.0080	20.8330	1.02	0.87089
2 17 5 8 1 o	152.0373	158.6835	0.52	0.87082
0 4 6 4 1 o	28.7839	30.1753	180.83	0.87055
13 5 3 8 1 o	305.7078	318.7029	0.50	0.87052
11 15 3 8 1 o	217.6443	227.3344	0.66	0.87043
0 27 3 4 1 o	22808.9414	23924.1543	180.57	0.87030
5 25 3 8 1 o	150.1558	157.4505	180.09	0.87027
2 0 6 4 1 o	328.0050	345.1158	2.06	0.87026
4 30 0 4 1 o	671.5108	703.8526	0.36	0.87024
15 2 1 8 1 o	172.3956	180.4162	0.79	0.87006
5 21 4 8 1 o	104.8473	110.3364	0.54	0.86995
2 1 6 8 1 o	528.3513	558.9965	180.43	0.86981
2 23 4 8 1 o	1922.1215	2031.1527	0.52	0.86969
8 26 1 8 1 o	4977.3511	5265.8086	0.51	0.86925
1 4 6 8 1 o	277.8464	297.1364	0.79	0.86868
11 19 2 8 1 o	670.5226	711.2617	180.33	0.86861
14 7 2 8 1 o	102.0118	107.8356	1.48	0.86851
7 23 3 8 1 o	91.5349	97.3649	0.41	0.86851
2 2 6 8 1 o	63.4702	67.9562	180.46	0.86847
1 27 3 8 1 o	1154.1031	1230.8202	180.47	0.86843
11 21 1 8 1 o	3042.0259	3238.9570	180.48	0.86823
5 29 1 8 1 o	369.8683	394.7946	0.78	0.86806
10 23 1 8 1 o	106.4142	113.5740	180.55	0.86797
9 23 2 8 1 o	5.7909	6.1799	182.92	0.86794
15 3 1 8 1 o	3.2157	3.4137	3.92	0.86782
6 20 4 8 1 o	1657.9250	1773.2905	0.40	0.86780
4 22 4 8 1 o	279.2815	299.9476	180.30	0.86747
9 20 3 8 1 o	163.1552	175.1880	0.59	0.86663
11 7 4 8 1 o	172.1103	183.6570	180.47	0.86654
8 7 5 8 1 o	768.6069	824.1846	180.54	0.86645
2 3 6 8 1 o	682.4531	741.4442	0.52	0.86624
13 6 3 8 1 o	719.5932	769.5565	180.76	0.86560
8 17 4 8 1 o	7489.9946	8083.5454	180.45	0.86533
10 18 3 8 1 o	9.7905	10.5539	359.86	0.86526
13 13 2 8 1 o	852.2255	916.3126	0.23	0.86513
6 13 5 8 1 o	202.2035	219.1752	180.07	0.86493
15 4 1 8 1 o	27.5628	29.5988	179.29	0.86471

1 5 6 8 1 o	707.0149	773.6908	180.54	0.86468
4 26 3 8 1 o	11.8039	12.8427	2.32	0.86424
12 12 3 8 1 o	2.3245	2.5008	0.36	0.86387
4 16 5 8 1 o	71.5888	78.1842	0.64	0.86328
10 12 4 8 1 o	1087.3363	1171.5601	0.39	0.86319
2 4 6 8 1 o	39.4520	43.2640	179.70	0.86315
2 27 3 8 1 o	2621.7488	2859.0754	1.01	0.86290
3 29 2 8 1 o	80.4107	87.5366	180.78	0.86251
9 15 4 8 1 o	3.3022	3.5661	183.33	0.86235
6 27 2 8 1 o	407.0007	442.9073	180.77	0.86233
7 11 5 8 1 o	128.3163	139.0667	181.18	0.86224
14 8 2 8 1 o	0.8099	0.8682	185.60	0.86188
7 26 2 8 1 o	34.2147	37.1917	180.30	0.86185
15 7 0 4 1 o	4015.1042	4311.5557	0.44	0.86180
13 16 1 8 1 o	0.6174	0.6660	188.20	0.86168
0 6 6 4 1 o	446.6596	491.4587	181.57	0.86168
3 17 5 8 1 o	788.9774	863.2486	180.41	0.86158
14 12 1 8 1 o	102.2556	109.8816	0.25	0.86151
12 19 1 8 1 o	209.5733	226.2311	180.38	0.86128
7 19 4 8 1 o	349.7741	378.3534	180.58	0.86113
3 0 6 4 1 o	12.6437	13.8204	4.55	0.86104
0 31 1 4 1 o	21.9562	23.7548	179.60	0.86103
1 18 5 8 1 o	382.2065	417.2829	180.47	0.86084
8 22 3 8 1 o	45.0098	48.5465	180.19	0.86081
15 5 1 8 1 o	1475.9869	1573.0781	180.62	0.86076
3 1 6 8 1 o	1199.4327	1305.6073	0.78	0.86060
9 25 1 8 1 o	2951.1028	3179.3982	0.45	0.86052
3 23 4 8 1 o	902.1356	976.7480	180.56	0.86048
5 15 5 8 1 o	2.2061	2.3827	181.78	0.86045
11 8 4 8 1 o	453.6996	479.3621	0.23	0.85995
13 7 3 8 1 o	0.1056	0.1114	169.48	0.85990
8 8 5 8 1 o	1122.6403	1191.4862	0.58	0.85986
1 6 6 8 1 o	368.5289	398.0444	180.80	0.85987
3 2 6 8 1 o	15.6042	16.6127	181.84	0.85930
2 5 6 8 1 o	16.6710	17.7401	180.67	0.85922
1 31 1 8 1 o	50.0440	52.8605	180.28	0.85922
10 24 0 4 1 o	8493.2773	8917.5039	180.50	0.85891
13 17 0 4 1 o	912.0283	953.3805	179.61	0.85881
4 30 1 8 1 o	945.6879	986.6647	180.77	0.85860
5 28 2 8 1 o	1.2853	1.3333	175.30	0.85833
12 17 2 8 1 o	1464.0483	1512.1029	0.63	0.85817
3 3 6 8 1 o	9.3279	9.3888	180.98	0.85714
8 25 2 8 1 o	57.2260	57.7241	359.93	0.85689
11 16 3 8 1 o	415.3454	420.3652	0.58	0.85680
9 1 5 8 1 o	78.4313	79.2569	0.46	0.85651
0 24 4 4 1 o	127.5865	127.0548	179.84	0.85636
3 31 0 4 1 o	1668.6447	1670.2476	180.66	0.85624
15 6 1 8 1 o	3.8822	3.9120	0.29	0.85601
12 20 0 4 1 o	413.3190	413.2478	181.01	0.85582
2 18 5 8 1 o	66.7736	65.9545	0.69	0.85545
9 2 5 8 1 o	34.6758	34.8163	179.74	0.85523
1 24 4 8 1 o	1005.0787	999.3496	1.19	0.85458
14 9 2 8 1 o	47.9006	48.1648	180.68	0.85454
2 6 6 8 1 o	82.9948	82.3092	2.59	0.85449

1 7 6 8 1 o	20.5061	20.3731	180.93	0.85428
3 4 6 8 1 o	31.2084	31.1040	358.85	0.85415
3 27 3 8 1 o	688.5081	689.8354	0.47	0.85390
2 31 1 8 1 o	234.7660	235.6128	0.56	0.85386
13 8 3 8 1 o	0.8488	0.8568	342.34	0.85346
13 14 2 8 1 o	661.0758	666.9413	0.62	0.85343
6 14 5 8 1 o	832.4526	839.6735	180.88	0.85323
0 30 2 4 1 o	4.3293	4.3668	7.62	0.85322
10 22 2 8 1 o	66.6978	67.3807	0.88	0.85310
9 3 5 8 1 o	151.9716	153.6232	1.48	0.85310
12 13 3 8 1 o	114.4551	115.7198	1.07	0.85307
11 9 4 8 1 o	0.3822	0.3872	176.04	0.85266
8 9 5 8 1 o	8123.6685	8239.1494	180.59	0.85257
10 13 4 8 1 o	1383.9336	1404.4155	0.26	0.85241
7 12 5 8 1 o	3758.6511	3819.4949	0.65	0.85234
11 20 2 8 1 o	13.8126	14.0956	182.62	0.85166
1 30 2 8 1 o	90.0342	92.1115	182.24	0.85146
5 22 4 8 1 o	24.7287	25.3482	181.04	0.85123
14 13 1 8 1 o	163.7442	167.4534	180.76	0.85080
14 14 0 4 1 o	2599.3176	2661.7637	0.60	0.85054
15 7 1 8 1 o	674.6349	689.1010	181.20	0.85049
6 25 3 8 1 o	1091.7620	1122.6083	180.90	0.85036
3 5 6 8 1 o	1337.3184	1380.8464	0.67	0.85034
8 18 4 8 1 o	2468.4663	2533.8672	180.57	0.85025
9 4 5 8 1 o	1154.4097	1180.7719	0.39	0.85014
6 21 4 8 1 o	3505.7427	3607.1218	180.64	0.85006
4 29 2 8 1 o	1514.5917	1558.4685	0.49	0.85001
0 8 6 4 1 o	158.6653	164.4133	0.68	0.84970
11 22 1 8 1 o	333.5941	342.8550	180.41	0.84962
7 28 1 8 1 o	3.5570	3.6600	3.46	0.84951
10 19 3 8 1 o	287.0293	294.3859	359.75	0.84934
2 24 4 8 1 o	214.4452	221.2690	180.67	0.84931
4 17 5 8 1 o	189.8258	195.7887	180.59	0.84913
9 16 4 8 1 o	1392.3127	1426.5798	180.51	0.84909
2 7 6 8 1 o	137.7050	142.5167	180.59	0.84901
9 21 3 8 1 o	36.7668	37.7200	179.88	0.84896
4 0 6 4 1 o	2340.2756	2410.5898	180.85	0.84861
6 29 1 8 1 o	265.5749	272.1133	180.79	0.84830
7 24 3 8 1 o	971.9893	995.1008	180.77	0.84821
4 1 6 8 1 o	85.7871	88.1237	1.31	0.84819
15 9 0 4 1 o	658.6234	670.5224	180.29	0.84814
5 26 3 8 1 o	5164.5088	5290.7271	180.92	0.84818
4 23 4 8 1 o	1678.1494	1719.9635	180.80	0.84808
1 8 6 8 1 o	44.3903	45.6682	180.34	0.84796
10 24 1 8 1 o	4169.1426	4249.7725	0.56	0.84771
9 24 2 8 1 o	727.3234	741.0746	180.87	0.84768
13 17 1 8 1 o	0.4085	0.4152	14.11	0.84761
5 16 5 8 1 o	492.9339	500.9261	0.65	0.84727
4 2 6 8 1 o	337.0887	341.4954	0.59	0.84694
0 19 5 4 1 o	128.4899	130.1634	181.15	0.84688
3 18 5 8 1 o	2.5764	2.6014	2.40	0.84669
14 10 2 8 1 o	192.1039	193.1296	180.12	0.84655
12 0 4 4 1 o	1671.1499	1677.7294	0.69	0.84648
8 27 1 8 1 o	1643.0630	1651.3889	0.68	0.84641

9 5 5 8 1 o	494.9246	496.9942	0.56	0.84639
13 9 3 8 1 o	201.6854	202.3338	180.94	0.84633
2 30 2 8 1 o	14.2812	14.3255	182.47	0.84624
12 1 4 8 1 o	1767.3313	1768.8687	180.58	0.84607
3 6 6 8 1 o	2.8311	2.8203	5.57	0.84576
0 32 0 2 1 o	956.8114	951.8574	0.26	0.84550
1 19 5 8 1 o	7.9470	7.8570	0.98	0.84516
3 31 1 8 1 o	648.0578	642.3773	180.22	0.84515
4 3 6 8 1 o	882.9196	871.3387	180.74	0.84488
12 2 4 8 1 o	43.8377	43.5032	180.20	0.84483
1 28 3 8 1 o	85.3555	84.2908	180.82	0.84482
12 20 1 8 1 o	341.4392	337.6402	181.08	0.84475
11 10 4 8 1 o	56.4585	55.9613	179.40	0.84473
8 10 5 8 1 o	1195.6132	1182.3452	0.52	0.84464
7 20 4 8 1 o	466.8079	460.7986	0.56	0.84461
15 8 1 8 1 o	39.0863	38.6218	179.64	0.84426
12 18 2 8 1 o	3143.6599	3087.8674	0.84	0.84345
11 17 3 8 1 o	5.8219	5.7086	0.35	0.84296
5 30 1 8 1 o	229.7061	224.6620	0.79	0.84285
2 8 6 8 1 o	322.7585	314.9080	180.51	0.84281
12 3 4 8 1 o	612.9720	602.1877	180.91	0.84278
4 4 6 8 1 o	354.7077	344.9070	0.38	0.84201
7 13 5 8 1 o	84.9488	82.7886	181.01	0.84196
11 23 0 4 1 o	38.1568	37.1668	180.13	0.84193
9 6 5 8 1 o	1482.2317	1448.0168	180.73	0.84187
12 14 3 8 1 o	98.6837	96.4207	180.32	0.84184
8 23 3 8 1 o	1878.9501	1829.6656	0.42	0.84185
4 27 3 8 1 o	834.7389	811.6020	181.09	0.84177
13 15 2 8 1 o	128.4619	125.2105	179.53	0.84138
10 14 4 8 1 o	279.4103	272.2377	0.79	0.84121
6 15 5 8 1 o	345.5809	335.3001	180.20	0.84119
1 9 6 8 1 o	4.8979	4.7218	180.27	0.84097
3 24 4 8 1 o	121.0215	116.9961	182.24	0.84073
3 7 6 8 1 o	198.3101	191.1448	0.82	0.84044
2 19 5 8 1 o	191.4796	184.6110	180.09	0.84006
12 4 4 8 1 o	29.7077	28.9901	179.89	0.83993
2 28 3 8 1 o	0.7499	0.7255	181.79	0.83973
14 14 1 8 1 o	176.7823	171.8746	180.92	0.83966
7 27 2 8 1 o	46.8406	45.3783	359.57	0.83957
6 28 2 8 1 o	724.3021	702.2287	0.59	0.83921
9 26 1 8 1 o	569.6743	552.5302	0.33	0.83914
2 32 0 4 1 o	80.4961	78.1908	180.45	0.83871
13 10 3 8 1 o	711.2794	694.5471	180.89	0.83857
4 5 6 8 1 o	100.2182	97.2300	0.56	0.83836
15 0 2 4 1 o	556.7201	544.5901	180.66	0.83810
14 11 2 8 1 o	2499.8008	2443.1167	180.49	0.83798
3 30 2 8 1 o	226.6200	220.7628	0.97	0.83776
15 1 2 8 1 o	174.7768	171.1778	179.52	0.83769
15 9 1 8 1 o	1853.4523	1815.4342	0.54	0.83736
7 29 0 4 1 o	26.9907	26.4212	358.14	0.83697
9 7 5 8 1 o	772.5314	759.1600	0.60	0.83662
15 2 2 8 1 o	355.0133	349.3531	1.56	0.83649
12 5 4 8 1 o	1743.0699	1716.7228	180.24	0.83631
11 11 4 8 1 o	184.8811	182.1234	0.68	0.83621

8 11 5 8 1 o	0.4865	0.4794	179.76	0.83613
2 9 6 8 1 o	59.5330	58.7904	0.35	0.83594
8 26 2 8 1 o	23.2482	22.9652	0.37	0.83578
9 17 4 8 1 o	661.7645	654.0883	180.59	0.83562
8 19 4 8 1 o	2551.7681	2529.7717	180.49	0.83513
6 30 0 4 1 o	35.0321	34.7651	1.09	0.83502
0 10 6 4 1 o	50.2486	50.0278	180.33	0.83500
11 21 2 8 1 o	477.2661	473.6061	180.89	0.83487
4 18 5 8 1 o	173.7824	172.8021	180.68	0.83486
8 28 0 4 1 o	4002.1665	3975.8533	180.51	0.83480
5 29 2 8 1 o	1385.2091	1376.6090	0.49	0.83472
10 23 2 8 1 o	39.9139	39.6569	1.57	0.83464
15 3 2 8 1 o	2.0604	2.0425	356.36	0.83450
1 25 4 8 1 o	6.0286	6.0047	180.65	0.83443
3 8 6 8 1 o	130.1116	129.7165	0.19	0.83442
4 6 6 8 1 o	102.0237	101.7338	358.87	0.83397
5 17 5 8 1 o	53.4824	53.2970	0.75	0.83388
10 20 3 8 1 o	38.5444	38.3674	0.14	0.83348
13 18 1 8 1 o	107.6175	107.1211	180.18	0.83342
5 0 6 4 1 o	8.8346	8.8094	182.16	0.83339
4 31 1 8 1 o	254.9031	254.0314	0.51	0.83338
1 10 6 8 1 o	60.1194	60.0853	179.62	0.83335
14 1 3 8 1 o	0.1146	0.1137	325.53	0.83323
1 32 1 8 1 o	8.7434	8.7144	0.35	0.83316
5 1 6 8 1 o	5527.1445	5513.3496	180.77	0.83299
5 23 4 8 1 o	6.0109	5.9956	178.30	0.83289
6 22 4 8 1 o	41.2405	41.1249	180.13	0.83257
14 2 3 8 1 o	12.4251	12.3285	181.48	0.83205
15 11 0 4 1 o	464.2434	461.5173	180.98	0.83195
12 6 4 8 1 o	291.8933	289.7055	0.56	0.83195
5 2 6 8 1 o	175.4565	174.8829	179.93	0.83181
15 4 2 8 1 o	1306.1554	1296.2393	0.58	0.83174
3 19 5 8 1 o	0.1264	0.1261	2.65	0.83175
9 22 3 8 1 o	380.5207	378.6102	180.39	0.83154
3 28 3 8 1 o	3300.1189	3286.0938	0.64	0.83143
11 23 1 8 1 o	22.1067	21.9930	1.41	0.83138
7 14 5 8 1 o	1232.7507	1225.6395	180.78	0.83116
9 8 5 8 1 o	586.3272	581.3933	180.12	0.83069
12 15 3 8 1 o	732.1125	724.9139	181.07	0.83027
13 11 3 8 1 o	53.1974	52.6298	0.98	0.83024
14 3 3 8 1 o	0.2996	0.2959	25.99	0.83009
15 10 1 8 1 o	0.1107	0.1094	21.91	0.82984
5 3 6 8 1 o	656.2875	650.7781	0.76	0.82985
6 26 3 8 1 o	70.5656	69.8971	181.20	0.82971
10 15 4 8 1 o	3859.4126	3814.0208	180.61	0.82967
1 20 5 8 1 o	62.4013	61.9057	180.96	0.82952
2 25 4 8 1 o	66.4559	65.8427	0.86	0.82952
13 19 0 4 1 o	211.7455	209.0122	1.63	0.82926
4 24 4 8 1 o	143.1765	141.4889	180.18	0.82915
13 16 2 8 1 o	1365.6346	1345.1543	0.50	0.82904
5 31 0 4 1 o	301.2680	297.1954	1.16	0.82904
11 18 3 8 1 o	200.6382	197.6106	0.25	0.82900
14 12 2 8 1 o	0.3592	0.3533	348.70	0.82889
4 7 6 8 1 o	145.7319	143.8073	0.87	0.82887

6 16 5 8 1 o	200.8988	197.9590	180.38	0.82886
16 0 0 2 1 o	1352.1787	1328.8641	0.37	0.82880
12 19 2 8 1 o	2411.7979	2370.6108	0.48	0.82868
9 27 0 4 1 o	137.8456	135.5080	180.08	0.82860
7 25 3 8 1 o	25.4660	25.0090	0.00	0.82850
2 10 6 8 1 o	2.4507	2.4111	182.04	0.82846
12 21 1 8 1 o	51.8568	50.8435	1.05	0.82835
2 32 1 8 1 o	1722.4377	1687.6536	180.55	0.82827
15 5 2 8 1 o	113.4519	111.0399	179.84	0.82822
7 21 4 8 1 o	1.3207	1.2934	2.91	0.82823
14 15 1 8 1 o	0.4917	0.4813	172.37	0.82817
10 25 1 8 1 o	101.7581	99.4482	0.33	0.82803
9 25 2 8 1 o	134.1244	131.0464	0.14	0.82800
3 9 6 8 1 o	89.3325	87.0211	180.80	0.82776
14 4 3 8 1 o	0.3793	0.3691	177.81	0.82737
16 2 0 4 1 o	1320.4885	1283.2939	1.12	0.82725
11 12 4 8 1 o	5816.5029	5648.1250	0.46	0.82717
5 4 6 8 1 o	74.5216	72.0083	0.41	0.82713
8 12 5 8 1 o	586.8133	568.3923	180.83	0.82710
5 27 3 8 1 o	259.5965	250.2945	180.36	0.82691
12 7 4 8 1 o	1116.4303	1082.9392	180.57	0.82689
1 31 2 8 1 o	204.8463	197.4478	0.59	0.82685
7 29 1 8 1 o	2.6046	2.5046	184.33	0.82660
14 16 0 4 1 o	17.9668	17.3106	3.99	0.82639
4 30 2 8 1 o	6.8059	6.5259	177.76	0.82630
1 11 6 8 1 o	26.9877	25.6137	179.55	0.82517
6 30 1 8 1 o	1342.8759	1285.4447	0.90	0.82472
2 20 5 8 1 o	16.5970	15.8301	1.83	0.82470
8 28 1 8 1 o	1204.2046	1153.6903	0.53	0.82451
10 1 5 8 1 o	0.1330	0.1281	19.69	0.82446
9 9 5 8 1 o	7317.1089	7045.8042	0.56	0.82411
15 6 2 8 1 o	674.7639	651.0597	180.46	0.82399
14 5 3 8 1 o	1669.0638	1611.6151	180.67	0.82391
0 29 3 4 1 o	1787.7896	1717.0963	0.59	0.82387
5 5 6 8 1 o	1912.9241	1839.0181	180.83	0.82368
8 24 3 8 1 o	128.2187	123.5615	180.78	0.82333
10 2 5 8 1 o	86.2296	83.2933	0.88	0.82331
4 8 6 8 1 o	31.0064	29.8890	1.34	0.82309
16 4 0 4 1 o	1331.4872	1288.0759	0.62	0.82265
1 29 3 8 1 o	148.9043	143.9800	0.83	0.82228
2 31 2 8 1 o	804.6849	778.4655	180.58	0.82207
9 18 4 8 1 o	11975.7783	11591.7490	180.58	0.82201
12 22 0 4 1 o	385.4220	372.9669	180.73	0.82198
15 11 1 8 1 o	1635.5862	1584.6039	180.91	0.82176
3 25 4 8 1 o	0.2587	0.2504	180.21	0.82152
10 3 5 8 1 o	766.0621	742.8725	0.81	0.82141
13 12 3 8 1 o	381.1714	369.6462	180.88	0.82139
12 8 4 8 1 o	267.0585	259.1678	180.43	0.82115
4 19 5 8 1 o	71.0438	68.8499	180.59	0.82053
3 10 6 8 1 o	63.4974	61.5016	359.88	0.82049
2 11 6 8 1 o	50.4209	48.8327	0.82	0.82042
5 18 5 8 1 o	774.8806	751.6017	180.63	0.82036
3 32 1 8 1 o	1141.2213	1107.7922	0.63	0.82031
4 28 3 8 1 o	4.3418	4.2140	1.33	0.82022

8 20 4 8 1 o	86.5363	84.1008 180.52 0.82003
7 15 5 8 1 o	5.9391	5.7719 356.85 0.82002
14 6 3 8 1 o	69.7905	67.9537 0.68 0.81974
5 6 6 8 1 o	59.8163	58.2175 180.60 0.81951
14 13 2 8 1 o	1381.4293	1346.1957 180.41 0.81933
4 32 0 4 1 o	0.0104	0.0101 277.62 0.81927
13 19 1 8 1 o	234.0485	228.2203 0.09 0.81917
15 7 2 8 1 o	254.7921	248.5220 0.91 0.81906
5 31 1 8 1 o	5.7250	5.5895 1.58 0.81895
10 4 5 8 1 o	401.8964	392.3375 180.30 0.81878
10 26 0 4 1 o	823.0755	804.8517 0.40 0.81865
9 27 1 8 1 o	8674.6797	8487.2559 0.61 0.81854
12 16 3 8 1 o	0.0028	0.0027 132.21 0.81841
16 1 1 8 1 o	348.4224	340.5300 0.66 0.81836
1 33 0 4 1 o	548.9567	537.5643 0.40 0.81831
11 22 2 8 1 o	24.1221	23.6142 180.54 0.81829
7 28 2 8 1 o	1177.5688	1154.0613 180.52 0.81818
0 12 6 4 1 o	1825.7560	1794.7092 0.81 0.81804
10 16 4 8 1 o	13.3154	13.0403 0.07 0.81783
10 21 3 8 1 o	1492.3307	1463.2289 180.71 0.81772
11 13 4 8 1 o	43.1918	42.2911 0.83 0.81767
8 13 5 8 1 o	410.6418	402.6874 0.20 0.81760
2 29 3 8 1 o	131.3204	129.0320 359.41 0.81758
16 2 1 8 1 o	678.5733	664.5713 0.73 0.81723
6 29 2 8 1 o	316.0196	310.6409 180.72 0.81710
9 10 5 8 1 o	76.8851	75.3832 0.67 0.81694
3 20 5 8 1 o	264.5699	260.5693 0.69 0.81684
4 9 6 8 1 o	62.7127	61.7550 180.47 0.81669
10 24 2 8 1 o	475.4332	466.9954 180.92 0.81658
13 17 2 8 1 o	2658.8167	2607.2119 0.69 0.81649
1 12 6 8 1 o	666.4335	657.2551 0.49 0.81649
0 26 4 4 1 o	102.0730	100.4591 181.02 0.81644
14 16 1 8 1 o	496.7408	487.1410 180.82 0.81640
6 17 5 8 1 o	142.3102	139.8550 0.37 0.81632
6 0 6 4 1 o	378.9030	371.8102 181.32 0.81586
0 21 5 4 1 o	300.5358	294.9528 181.25 0.81552
6 1 6 8 1 o	519.4413	509.0294 180.71 0.81548
10 5 5 8 1 o	1.3216	1.2926 185.01 0.81542
8 27 2 8 1 o	1.9165	1.8775 174.55 0.81541
16 3 1 8 1 o	33.3553	32.6193 180.37 0.81538
6 23 4 8 1 o	1790.6294	1754.3790 0.86 0.81538
16 6 0 4 1 o	307.5464	300.6275 180.31 0.81515
11 19 3 8 1 o	2.1023	2.0550 357.56 0.81496
5 24 4 8 1 o	240.0461	234.7875 179.76 0.81493
14 7 3 8 1 o	689.2537	673.2847 180.98 0.81489
1 26 4 8 1 o	197.4039	193.0741 181.17 0.81490
12 9 4 8 1 o	204.1515	199.3907 0.35 0.81480
5 7 6 8 1 o	549.9853	537.4041 180.59 0.81467
9 23 3 8 1 o	207.6838	202.7176 180.55 0.81441
6 2 6 8 1 o	910.6929	888.8550 180.67 0.81438
3 31 2 8 1 o	137.2191	133.8981 180.60 0.81428
1 21 5 8 1 o	1658.8693	1617.6320 0.65 0.81399
12 20 2 8 1 o	1190.2871	1160.5240 180.71 0.81393
15 13 0 4 1 o	514.3595	501.2248 359.87 0.81369

11 24 1 8 1 o	716.8230	698.4244	180.58	0.81352
15 8 2 8 1 o	318.5391	310.2484	0.77	0.81349
15 12 1 8 1 o	27.2824	26.5568	180.32	0.81318
16 4 1 8 1 o	217.5542	211.5414	179.67	0.81280
3 11 6 8 1 o	253.5767	247.1450	180.98	0.81268
6 3 6 8 1 o	1902.7122	1850.4095	0.62	0.81254
5 30 2 8 1 o	1395.9249	1355.9658	0.20	0.81223
12 22 1 8 1 o	508.6933	493.7369	180.42	0.81215
13 13 3 8 1 o	95.0767	92.2393	0.68	0.81209
7 22 4 8 1 o	6.8334	6.6300	1.73	0.81203
2 12 6 8 1 o	2646.7578	2570.4141	180.61	0.81188
10 6 5 8 1 o	1728.2135	1671.4390	0.66	0.81138
4 25 4 8 1 o	504.8046	484.5424	180.58	0.81070
2 26 4 8 1 o	28.5534	27.2977	0.66	0.81032
0 33 1 4 1 o	787.0745	753.0727	180.63	0.81012
6 4 6 8 1 o	165.9015	158.5273	180.70	0.80998
3 29 3 8 1 o	48.6723	46.4434	181.03	0.80992
6 27 3 8 1 o	8.2480	7.8697	184.90	0.80978
4 10 6 8 1 o	46.8981	44.5968	181.19	0.80971
16 5 1 8 1 o	466.7638	448.6070	0.69	0.80952
4 32 1 8 1 o	1647.5664	1571.5881	0.83	0.80954
14 8 3 8 1 o	10.7148	10.3098	358.92	0.80940
2 21 5 8 1 o	435.1550	412.8911	0.82	0.80942
14 14 2 8 1 o	476.7757	457.3983	0.63	0.80937
7 26 3 8 1 o	2411.8323	2299.0859	0.73	0.80937
9 11 5 8 1 o	123.4180	118.2391	0.91	0.80923
5 8 6 8 1 o	0.0302	0.0287	8.51	0.80918
10 26 1 8 1 o	132.5224	126.3530	359.98	0.80893
9 26 2 8 1 o	461.7255	440.3463	0.45	0.80891
1 33 1 8 1 o	1816.6744	1733.7866	180.88	0.80861
7 16 5 8 1 o	542.9768	518.5069	180.57	0.80858
9 19 4 8 1 o	27.5094	26.3608	0.15	0.80832
12 10 4 8 1 o	113.6167	109.8060	0.72	0.80787
11 14 4 8 1 o	178.1949	172.0221	180.78	0.80778
8 14 5 8 1 o	1283.2915	1235.6201	0.59	0.80770
1 13 6 8 1 o	100.8538	96.7421	0.83	0.80735
15 9 2 8 1 o	24.0924	23.3873	181.15	0.80731
5 19 5 8 1 o	10.4747	10.1916	358.55	0.80675
6 5 6 8 1 o	59.5107	57.9553	180.82	0.80674
10 7 5 8 1 o	100.8080	98.4947	180.56	0.80668
5 28 3 8 1 o	1306.6747	1278.7759	180.86	0.80646
13 0 4 4 1 o	1742.2469	1708.6890	1.11	0.80641
12 17 3 8 1 o	148.0305	145.2552	0.97	0.80633
4 20 5 8 1 o	669.3687	658.3804	180.55	0.80620
3 33 0 4 1 o	38.1592	37.5729	0.63	0.80613
13 1 4 8 1 o	1608.0999	1583.0675	0.63	0.80605
10 17 4 8 1 o	0.0586	0.0580	169.50	0.80577
16 6 1 8 1 o	370.7371	367.3043	181.06	0.80556
11 25 0 4 1 o	58.3319	58.2588	359.24	0.80533
8 25 3 8 1 o	194.2016	194.1652	1.02	0.80526
0 32 2 4 1 o	304.9538	306.2921	0.17	0.80503
16 8 0 4 1 o	1558.0063	1554.6166	0.53	0.80498
8 21 4 8 1 o	4745.0947	4758.9761	0.63	0.80501
13 2 4 8 1 o	2238.9753	2227.6409	180.61	0.80498

13 20 1 8 1 o	162.5482	163.0349	0.76	0.80490
7 30 1 8 1 o	253.2866	255.4333	180.93	0.80474
14 17 1 8 1 o	6.5579	6.6018	182.72	0.80441
3 12 6 8 1 o	421.8165	430.4968	180.47	0.80438
15 13 1 8 1 o	1117.6569	1124.8101	180.61	0.80415
2 33 1 8 1 o	1589.9110	1612.1732	0.52	0.80414
13 18 2 8 1 o	906.6934	915.9316	181.12	0.80378
4 31 2 8 1 o	1241.6104	1263.1945	0.68	0.80375
6 18 5 8 1 o	354.6576	361.1807	0.51	0.80362
1 32 2 8 1 o	647.2451	658.7567	180.38	0.80355
8 29 1 8 1 o	531.6134	540.9550	180.26	0.80351
14 9 3 8 1 o	8047.9883	8089.6538	0.59	0.80331
13 3 4 8 1 o	135.4175	135.8916	0.71	0.80320
5 9 6 8 1 o	2.2812	2.3275	2.28	0.80310
2 13 6 8 1 o	51.2927	52.5850	180.21	0.80289
3 26 4 8 1 o	4.4267	4.5133	5.27	0.80286
6 6 6 8 1 o	1675.4088	1702.5195	180.34	0.80282
13 14 3 8 1 o	1.0874	1.0938	356.26	0.80239
6 31 1 8 1 o	401.5838	406.4609	0.29	0.80230
4 11 6 8 1 o	82.1613	83.3612	180.98	0.80221
10 22 3 8 1 o	12.6535	12.7621	180.46	0.80212
3 21 5 8 1 o	1431.8625	1449.0498	180.48	0.80199
11 23 2 8 1 o	13.0209	13.1209	2.41	0.80195
14 18 0 4 1 o	5099.8286	5113.1050	180.67	0.80136
10 8 5 8 1 o	518.8676	519.3765	0.31	0.80135
9 12 5 8 1 o	915.8434	915.9460	180.90	0.80103
16 7 1 8 1 o	15.0788	15.0605	3.12	0.80096
11 20 3 8 1 o	166.9841	166.9372	181.15	0.80092
13 4 4 8 1 o	664.3400	662.2957	180.74	0.80074
1 30 3 8 1 o	34.2117	34.1909	0.94	0.80075
15 10 2 8 1 o	444.4373	443.1519	180.71	0.80057
12 11 4 8 1 o	290.1243	289.0940	1.11	0.80041
13 21 0 4 1 o	1584.6285	1576.6792	0.44	0.79975
4 29 3 8 1 o	398.8159	396.5849	1.09	0.79955
0 14 6 4 1 o	466.5295	463.6060	0.33	0.79926
12 21 2 8 1 o	685.0131	681.0885	0.76	0.79923
2 32 2 8 1 o	0.0937	0.0931	10.98	0.79916
14 15 2 8 1 o	106.1332	105.4957	359.48	0.79907
10 25 2 8 1 o	320.5285	318.6858	180.34	0.79894
9 28 1 8 1 o	147.9887	147.1769	180.62	0.79868
1 22 5 8 1 o	33.3168	33.1564	181.11	0.79859
6 24 4 8 1 o	40.7710	40.5590	0.00	0.79852
6 7 6 8 1 o	329.5407	327.9551	180.66	0.79827
1 14 6 8 1 o	1268.1255	1266.0537	180.50	0.79781
7 29 2 8 1 o	13.2316	13.1828	359.49	0.79766
13 5 4 8 1 o	768.3310	762.2508	0.45	0.79760
9 24 3 8 1 o	2463.0630	2452.7378	0.64	0.79761
11 15 4 8 1 o	79.3960	78.9200	1.30	0.79753
8 15 5 8 1 o	614.9205	612.1420	180.85	0.79746
5 25 4 8 1 o	0.6275	0.6259	183.15	0.79740
7 17 5 8 1 o	404.2548	402.8542	180.22	0.79693
3 33 1 8 1 o	912.8749	909.8705	0.87	0.79685
14 10 3 8 1 o	1.7668	1.7519	182.21	0.79667
7 0 6 4 1 o	73.6272	73.2807	180.85	0.79649

5 10 6 8 1 o	197.0688	196.6976	180.24	0.79646
2 30 3 8 1 o	122.6475	122.3166	0.67	0.79641
5 32 1 8 1 o	2.4861	2.4758	186.27	0.79630
12 23 1 8 1 o	80.0067	79.5654	180.82	0.79617
7 1 6 8 1 o	2458.2888	2444.1174	0.57	0.79615
11 25 1 8 1 o	8.6696	8.6224	182.02	0.79608
7 23 4 8 1 o	458.6961	456.3393	180.74	0.79605
1 27 4 8 1 o	187.1333	186.5313	180.62	0.79599
6 30 2 8 1 o	1210.9714	1204.5759	0.34	0.79597
8 28 2 8 1 o	65.1086	64.6835	180.87	0.79578
16 8 1 8 1 o	4458.0718	4410.9214	0.56	0.79574
0 34 0 2 1 o	2691.0793	2672.2085	0.62	0.79576
3 13 6 8 1 o	1359.0653	1353.3833	180.74	0.79564
10 9 5 8 1 o	2006.6002	1983.4436	0.79	0.79544
7 2 6 8 1 o	126.5286	125.0881	0.27	0.79512
15 14 1 8 1 o	168.2354	165.7274	179.97	0.79473
9 20 4 8 1 o	8.5027	8.3761	179.70	0.79461
2 22 5 8 1 o	617.9896	608.1596	0.68	0.79428
4 12 6 8 1 o	231.7459	227.9246	0.78	0.79422
12 18 3 8 1 o	1.5342	1.5058	180.56	0.79408
15 15 0 4 1 o	18.7515	18.3807	1.11	0.79384
13 6 4 8 1 o	628.2653	615.2679	1.03	0.79381
10 18 4 8 1 o	4.7645	4.6638	177.72	0.79355
2 14 6 8 1 o	425.5809	416.4487	180.46	0.79352
7 3 6 8 1 o	681.6238	666.8173	180.86	0.79341
15 11 2 8 1 o	1602.2864	1566.1938	180.52	0.79331
5 20 5 8 1 o	1671.3556	1632.8965	180.52	0.79312
6 8 6 8 1 o	48.9227	47.7993	180.88	0.79310
11 1 5 8 1 o	251.4116	245.3024	0.28	0.79290
4 26 4 8 1 o	74.4044	72.6131	180.82	0.79276
7 31 0 4 1 o	369.8046	360.8650	181.08	0.79269
12 12 4 8 1 o	310.2135	302.2465	180.45	0.79247
16 10 0 4 1 o	966.9066	942.1666	180.63	0.79246
9 13 5 8 1 o	181.3459	176.7309	0.71	0.79240
13 15 3 8 1 o	352.1849	343.0520	180.56	0.79235
14 18 1 8 1 o	28.7176	27.9792	1.66	0.79225
8 30 0 4 1 o	46.0050	44.8566	357.29	0.79220
3 32 2 8 1 o	2.4993	2.4365	0.43	0.79200
4 21 5 8 1 o	50.5022	49.2670	181.24	0.79192
11 2 5 8 1 o	348.4966	338.7469	0.59	0.79189
2 27 4 8 1 o	272.2300	265.5649	180.76	0.79172
7 4 6 8 1 o	161.2154	156.7043	0.51	0.79103
13 19 2 8 1 o	820.1198	795.6163	0.60	0.79097
7 27 3 8 1 o	100.3620	97.5862	359.92	0.79084
6 19 5 8 1 o	889.2166	865.0289	180.53	0.79081
5 31 2 8 1 o	772.5825	751.1023	0.60	0.79078
13 21 1 8 1 o	15.1803	14.7201	2.86	0.79069
16 0 2 4 1 o	1678.5193	1619.7535	180.60	0.79058
6 28 3 8 1 o	0.1554	0.1508	187.10	0.79054
10 27 1 8 1 o	650.2040	630.3643	180.89	0.79043
9 27 2 8 1 o	1.3985	1.3554	7.90	0.79040
16 1 2 8 1 o	387.8321	373.2374	181.18	0.79024
11 3 5 8 1 o	1019.4716	981.0642	180.68	0.79019
8 22 4 8 1 o	691.9107	668.2939	180.52	0.79011

2 34 0 4 1 o	417.1486	402.9673	0.10	0.79009
16 9 1 8 1 o	1188.7964	1142.1088	180.51	0.78996
6 32 0 4 1 o	117.0537	112.5228	179.43	0.78969
14 11 3 8 1 o	3778.4502	3610.1304	180.69	0.78951
13 7 4 8 1 o	134.9859	128.7861	0.49	0.78941
3 30 3 8 1 o	563.8544	539.0565	180.78	0.78932
5 11 6 8 1 o	204.5757	195.6345	0.95	0.78931
15 1 3 8 1 o	5.0239	4.7853	359.89	0.78927
16 2 2 8 1 o	229.3312	218.3375	1.36	0.78923
12 24 0 4 1 o	2733.8645	2603.2771	0.71	0.78916
10 10 5 8 1 o	132.1139	125.3732	0.49	0.78899
14 16 2 8 1 o	1012.9453	953.6120	0.79	0.78848
15 2 3 8 1 o	291.2980	274.0769	1.17	0.78826
9 29 0 4 1 o	527.6960	493.5295	180.51	0.78824
7 5 6 8 1 o	740.6985	690.3486	0.94	0.78800
1 15 6 8 1 o	0.4637	0.4292	0.71	0.78794
11 4 5 8 1 o	316.4555	295.7650	180.34	0.78785
8 26 3 8 1 o	98.9995	91.6615	0.91	0.78766
16 3 2 8 1 o	290.6633	270.9155	1.06	0.78756
6 9 6 8 1 o	200.2145	184.3179	0.37	0.78737
3 22 5 8 1 o	102.9930	94.2969	0.78	0.78726
11 16 4 8 1 o	122.1712	112.6928	180.06	0.78700
4 33 1 8 1 o	246.5241	225.7950	180.50	0.78697
8 16 5 8 1 o	0.0020	0.0018	349.85	0.78694
11 21 3 8 1 o	10.9195	10.0328	181.00	0.78691
5 29 3 8 1 o	3.3442	3.0515	1.49	0.78678
10 23 3 8 1 o	6.0621	5.5492	179.70	0.78671
15 3 3 8 1 o	31.4675	29.1055	0.87	0.78660
3 14 6 8 1 o	236.0469	213.3935	0.73	0.78651
11 24 2 8 1 o	1802.9990	1638.9836	0.74	0.78589
4 13 6 8 1 o	49.9196	44.9568	180.16	0.78580
15 12 2 8 1 o	1.0491	0.9609	2.44	0.78558
1 34 1 8 1 o	37.6419	34.1255	0.33	0.78545
16 4 2 8 1 o	234.0702	215.0153	0.86	0.78523
7 18 5 8 1 o	185.5334	168.2980	0.51	0.78509
15 15 1 8 1 o	361.3604	330.0666	0.86	0.78497
11 5 5 8 1 o	20.3692	18.6944	180.72	0.78486
3 27 4 8 1 o	181.1379	163.9466	180.31	0.78476
0 23 5 4 1 o	27.3213	24.6602	0.96	0.78476
12 22 2 8 1 o	1.9380	1.7665	357.72	0.78465
13 8 4 8 1 o	45.0586	41.4652	181.21	0.78442
7 6 6 8 1 o	92.2225	84.0938	180.54	0.78435
15 4 3 8 1 o	5.0179	4.6241	4.99	0.78428
12 13 4 8 1 o	98.0504	90.1038	0.61	0.78411
7 31 1 8 1 o	26.3179	24.0479	180.98	0.78386
2 15 6 8 1 o	73.3261	66.7796	181.14	0.78380
16 10 1 8 1 o	1889.8252	1740.0029	0.65	0.78364
8 30 1 8 1 o	1731.8488	1588.2297	180.90	0.78339
9 14 5 8 1 o	99.0409	91.1087	1.06	0.78338
1 23 5 8 1 o	101.1849	92.5530	1.11	0.78339
5 33 0 4 1 o	74.4804	68.3642	0.14	0.78330
16 5 2 8 1 o	13.5142	12.5580	357.48	0.78227
4 32 2 8 1 o	34.9832	32.3519	359.73	0.78229
10 11 5 8 1 o	0.1818	0.1689	191.59	0.78204

13 16 3 8 1 o	274.4799	254.9896	181.00	0.78202
6 25 4 8 1 o	903.5847	837.2509	0.47	0.78200
14 12 3 8 1 o	95.4865	88.8589	0.70	0.78189
10 26 2 8 1 o	478.3368	444.1598	0.52	0.78175
12 19 3 8 1 o	116.7916	108.5948	0.81	0.78172
5 12 6 8 1 o	218.8412	203.1126	0.35	0.78170
0 31 3 4 1 o	2189.2910	2033.9829	180.34	0.78153
1 33 2 8 1 o	35.0271	32.5615	180.90	0.78146
15 5 3 8 1 o	104.0093	97.1471	180.52	0.78133
2 34 1 8 1 o	3.2644	3.0365	358.38	0.78135
11 6 5 8 1 o	1394.5662	1301.9125	0.70	0.78125
10 19 4 8 1 o	31.8121	29.6376	0.05	0.78122
9 25 3 8 1 o	12.2688	11.4227	0.32	0.78115
6 10 6 8 1 o	17.7347	16.5036	1.44	0.78111
6 32 1 8 1 o	1704.7460	1587.4398	180.90	0.78096
10 28 0 4 1 o	29.3253	27.3082	178.28	0.78095
9 21 4 8 1 o	25.8208	24.0682	181.01	0.78092
12 24 1 8 1 o	1215.1193	1133.9979	180.79	0.78044
7 24 4 8 1 o	874.5948	815.9250	0.55	0.78034
5 26 4 8 1 o	29.2867	27.2999	359.10	0.78031
1 31 3 8 1 o	28.4312	26.5209	179.55	0.78018
7 7 6 8 1 o	299.8363	280.2812	0.52	0.78010
14 19 1 8 1 o	96.7984	90.6710	180.13	0.77997
17 1 0 4 1 o	1223.9669	1151.5222	180.53	0.77973
4 30 3 8 1 o	206.2809	193.0714	180.86	0.77971
9 29 1 8 1 o	260.2404	244.0719	180.40	0.77955
5 21 5 8 1 o	28.6288	26.8314	180.25	0.77950
2 23 5 8 1 o	239.2301	224.3833	180.73	0.77932
0 16 6 4 1 o	1987.2118	1866.7197	0.52	0.77912
11 26 1 8 1 o	2.3931	2.2562	2.49	0.77907
0 28 4 4 1 o	378.6202	356.6701	180.46	0.77903
13 9 4 8 1 o	78.5838	74.4307	0.25	0.77887
16 6 2 8 1 o	262.5190	248.9579	180.54	0.77870
13 20 2 8 1 o	1808.6768	1723.2555	0.68	0.77811
6 20 5 8 1 o	209.7901	200.2919	0.66	0.77796
7 30 2 8 1 o	682.3298	651.3370	180.63	0.77796
16 12 0 4 1 o	224.8742	214.6417	0.10	0.77791
15 6 3 8 1 o	241.4005	230.5753	180.67	0.77777
1 16 6 8 1 o	27.3717	26.2095	180.94	0.77778
4 22 5 8 1 o	738.8936	707.5322	180.91	0.77772
1 28 4 8 1 o	0.0287	0.0275	265.27	0.77769
14 17 2 8 1 o	1177.0773	1125.9373	180.95	0.77766
15 13 2 8 1 o	94.2016	90.2416	180.60	0.77743
2 33 2 8 1 o	41.9228	40.2323	180.59	0.77742
17 3 0 4 1 o	1550.0840	1487.3015	0.91	0.77715
11 7 5 8 1 o	7.7520	7.4424	180.87	0.77705
3 15 6 8 1 o	4.8651	4.6917	0.67	0.77704
4 14 6 8 1 o	0.7521	0.7252	186.70	0.77700
8 29 2 8 1 o	6.1815	5.9572	179.86	0.77685
16 11 1 8 1 o	539.3139	518.6710	0.94	0.77682
13 22 1 8 1 o	333.1778	321.3610	0.33	0.77656
11 17 4 8 1 o	376.7211	363.5008	180.37	0.77624
8 17 5 8 1 o	132.9241	128.4388	180.39	0.77618
2 31 3 8 1 o	134.0284	129.6844	180.47	0.77616

14 20 0 4 1 o	3363.4211	3251.8696	0.80	0.77591
8 0 6 4 1 o	1512.7510	1462.7245	0.81	0.77578
6 31 2 8 1 o	921.6456	892.4275	180.73	0.77575
8 1 6 8 1 o	716.1150	692.8787	0.56	0.77546
12 14 4 8 1 o	18.9761	18.3399	0.14	0.77537
8 23 4 8 1 o	2668.1616	2583.9834	180.63	0.77537
4 27 4 8 1 o	535.8616	519.4504	0.85	0.77531
7 8 6 8 1 o	0.3337	0.3232	355.31	0.77528
15 16 1 8 1 o	28.7711	27.8373	1.26	0.77492
5 33 1 8 1 o	1.4171	1.3725	354.61	0.77478
3 34 1 8 1 o	0.1392	0.1348	172.96	0.77466
10 12 5 8 1 o	917.2374	887.2332	0.82	0.77463
16 7 2 8 1 o	195.1896	188.7124	180.96	0.77454
8 2 6 8 1 o	525.4328	508.4635	0.72	0.77451
6 11 6 8 1 o	142.1546	137.5800	0.83	0.77437
9 15 5 8 1 o	261.2169	252.6267	1.11	0.77403
14 13 3 8 1 o	647.7671	626.2732	180.72	0.77386
2 16 6 8 1 o	26.9501	26.0282	0.63	0.77380
4 34 0 4 1 o	0.8008	0.7739	5.58	0.77378
2 28 4 8 1 o	117.1849	113.1727	180.60	0.77371
5 13 6 8 1 o	595.5421	575.0721	1.12	0.77367
15 7 3 8 1 o	0.3159	0.3055	354.14	0.77363
7 19 5 8 1 o	610.4781	589.2952	0.52	0.77314
11 22 3 8 1 o	32.5998	31.4950	359.97	0.77297
8 3 6 8 1 o	1681.0385	1624.1733	180.60	0.77293
7 28 3 8 1 o	2227.9915	2149.8406	0.68	0.77288
15 17 0 4 1 o	3302.8484	3191.5471	180.93	0.77283
13 10 4 8 1 o	80.5030	77.8732	179.91	0.77281
3 23 5 8 1 o	167.6981	161.5826	359.94	0.77267
10 28 1 8 1 o	16.1041	15.5441	179.67	0.77250
9 28 2 8 1 o	287.9198	277.9373	0.93	0.77248
11 8 5 8 1 o	93.0609	90.0676	359.56	0.77229
17 5 0 4 1 o	992.2142	960.7636	180.45	0.77207
6 29 3 8 1 o	26.9692	26.0520	181.53	0.77198
1 35 0 4 1 o	4071.9670	3939.7876	0.51	0.77172
10 24 3 8 1 o	177.1718	171.6298	0.51	0.77153
13 17 3 8 1 o	19.4292	18.8424	0.32	0.77146
17 1 1 8 1 o	992.7452	963.7716	0.67	0.77132
3 33 2 8 1 o	6.3607	6.1826	181.01	0.77082
8 4 6 8 1 o	399.0712	388.2173	0.60	0.77073
13 23 0 4 1 o	2.4743	2.4074	178.25	0.77067
11 27 0 4 1 o	229.8040	223.6480	180.27	0.77061
8 27 3 8 1 o	3154.2781	3070.8145	0.75	0.77055
17 2 1 8 1 o	3.1033	3.0241	182.08	0.77038
5 32 2 8 1 o	139.7786	136.2364	179.69	0.77032
12 23 2 8 1 o	738.5999	720.2273	0.26	0.77021
11 25 2 8 1 o	90.6111	88.3905	180.48	0.77013
7 9 6 8 1 o	106.4919	103.9723	180.73	0.76993
16 8 2 8 1 o	246.7267	240.9726	0.73	0.76982
3 31 3 8 1 o	37.2858	36.4519	359.82	0.76960
16 12 1 8 1 o	1512.4886	1478.8900	180.72	0.76956
12 20 3 8 1 o	109.0286	106.7211	180.39	0.76930
14 0 4 4 1 o	1270.6167	1245.1527	0.46	0.76893
15 8 3 8 1 o	5764.2568	5649.5186	0.71	0.76893

15 14 2 8 1 o	1606.2197	1574.8093	180.59	0.76891
17 3 1 8 1 o	0.0096	0.0094	30.93	0.76883
10 20 4 8 1 o	1052.5491	1032.2888	0.43	0.76882
14 1 4 8 1 o	1066.8595	1046.7849	0.98	0.76862
1 24 5 8 1 o	11.0231	10.8299	1.45	0.76839
8 5 6 8 1 o	90.2963	88.9382	0.73	0.76793
4 15 6 8 1 o	314.5544	310.0102	0.95	0.76787
5 30 3 8 1 o	1018.9470	1004.2966	0.89	0.76786
14 2 4 8 1 o	227.1259	223.7366	0.77	0.76769
14 20 1 8 1 o	414.0474	408.4797	1.09	0.76763
1 17 6 8 1 o	5144.0918	5084.7046	0.51	0.76739
9 22 4 8 1 o	21.7501	21.5016	180.30	0.76730
3 16 6 8 1 o	566.1891	560.0635	0.33	0.76730
3 28 4 8 1 o	11.0031	10.8902	1.21	0.76721
6 12 6 8 1 o	191.7614	189.7966	0.63	0.76717
11 9 5 8 1 o	2699.7671	2670.7659	180.79	0.76699
10 13 5 8 1 o	381.1129	377.6041	180.56	0.76681
17 4 1 8 1 o	2.7947	2.7684	357.85	0.76666
14 18 2 8 1 o	48.2083	47.8129	181.79	0.76666
12 15 4 8 1 o	1123.9965	1116.2275	0.78	0.76630
13 11 4 8 1 o	30.1266	29.8916	180.93	0.76627
14 3 4 8 1 o	193.0923	191.4699	180.19	0.76615
5 22 5 8 1 o	432.3937	431.9171	180.75	0.76596
6 26 4 8 1 o	151.5830	151.3995	180.37	0.76586
4 34 1 8 1 o	75.4610	75.4376	0.76	0.76557
14 14 3 8 1 o	39.0633	38.9099	0.15	0.76545
11 18 4 8 1 o	5490.4844	5479.6729	0.82	0.76530
5 14 6 8 1 o	499.9269	501.4600	180.28	0.76527
13 21 2 8 1 o	22.3591	22.3396	179.92	0.76524
8 18 5 8 1 o	65.7896	65.8007	180.61	0.76524
6 21 5 8 1 o	499.8352	501.0955	180.38	0.76510
9 26 3 8 1 o	1667.6401	1669.5688	180.74	0.76506
12 25 1 8 1 o	20.4597	20.4830	1.68	0.76501
10 27 2 8 1 o	262.8799	263.2483	0.16	0.76501
7 25 4 8 1 o	22.2260	22.2764	179.93	0.76490
0 35 1 4 1 o	617.7729	618.9119	0.72	0.76483
15 17 1 8 1 o	153.4958	153.4060	181.08	0.76464
17 7 0 4 1 o	2075.0476	2069.6704	180.44	0.76463
16 9 2 8 1 o	71.1610	70.9359	0.59	0.76458
8 6 6 8 1 o	1040.6570	1041.0619	0.66	0.76455
2 24 5 8 1 o	13.5901	13.6691	1.21	0.76455
9 16 5 8 1 o	1.8955	1.8958	1.63	0.76439
8 31 1 8 1 o	250.2676	250.7852	0.63	0.76410
7 10 6 8 1 o	237.9350	238.2480	0.44	0.76407
14 4 4 8 1 o	24.1191	23.9889	0.59	0.76401
17 5 1 8 1 o	20.8404	20.7622	2.94	0.76391
7 32 1 8 1 o	775.6055	776.8650	0.80	0.76393
15 9 3 8 1 o	307.7356	306.1980	0.63	0.76370
5 27 4 8 1 o	231.0927	231.4820	180.72	0.76366
4 23 5 8 1 o	13.4410	13.4774	1.14	0.76365
2 17 6 8 1 o	512.0645	514.3855	0.53	0.76356
1 35 1 8 1 o	1835.8754	1835.6587	0.60	0.76356
13 23 1 8 1 o	161.1604	159.9465	181.33	0.76255
11 27 1 8 1 o	4979.9683	4942.5039	180.79	0.76249

12 1 5 8 1 o	156.2070	154.2677	0.22	0.76219
16 13 1 8 1 o	36.7998	36.2721	1.18	0.76190
4 33 2 8 1 o	26.0522	25.6747	179.94	0.76187
0 34 2 4 1 o	75.1556	73.9536	0.17	0.76175
16 14 0 4 1 o	743.0032	731.1036	180.81	0.76171
3 35 0 4 1 o	1773.3541	1739.1257	180.94	0.76147
14 5 4 8 1 o	1319.5994	1295.7445	0.43	0.76128
12 2 5 8 1 o	88.6954	87.0626	181.32	0.76128
11 10 5 8 1 o	3.9748	3.8962	0.04	0.76120
9 30 1 8 1 o	441.6546	431.2337	0.82	0.76114
7 20 5 8 1 o	168.6883	164.6840	0.63	0.76112
8 24 4 8 1 o	94.9357	92.4134	180.80	0.76083
13 18 3 8 1 o	51.1916	49.9476	1.63	0.76071
4 31 3 8 1 o	58.6842	56.9563	180.50	0.76068
6 33 1 8 1 o	142.9817	138.8233	0.27	0.76063
8 7 6 8 1 o	171.9438	167.3151	0.65	0.76061
17 6 1 8 1 o	247.3105	241.5537	1.04	0.76058
1 32 3 8 1 o	1143.0895	1107.2373	180.57	0.76052
1 34 2 8 1 o	623.6246	604.5991	180.64	0.76049
15 15 2 8 1 o	492.4467	479.3477	0.41	0.76006
1 29 4 8 1 o	24.7172	23.8067	181.03	0.76000
12 3 5 8 1 o	967.8756	945.0297	180.79	0.75978
2 35 1 8 1 o	36.5037	35.2867	180.93	0.75980
6 13 6 8 1 o	30.1204	29.0580	180.10	0.75958
13 12 4 8 1 o	671.5159	655.7968	180.75	0.75930
11 23 3 8 1 o	90.4058	87.8393	0.87	0.75916
7 31 2 8 1 o	32.4419	31.4431	180.88	0.75905
16 10 2 8 1 o	771.0396	755.1270	180.61	0.75885
10 14 5 8 1 o	328.3904	321.5797	180.46	0.75863
8 30 2 8 1 o	28.4163	27.7080	181.50	0.75862
4 16 6 8 1 o	106.4953	103.7940	0.24	0.75846
4 28 4 8 1 o	292.7924	286.3590	180.33	0.75838
3 24 5 8 1 o	65.1205	63.7567	180.79	0.75828
0 18 6 4 1 o	25199.6738	24792.4844	0.58	0.75804
14 6 4 8 1 o	69.5760	68.8419	0.27	0.75799
15 10 3 8 1 o	2562.5618	2534.7910	0.75	0.75799
7 11 6 8 1 o	0.1476	0.1464	200.32	0.75775
12 4 5 8 1 o	143.2197	142.1977	180.70	0.75769
12 26 0 4 1 o	991.6977	987.2184	180.65	0.75759
3 17 6 8 1 o	616.1638	618.8639	181.08	0.75731
12 16 4 8 1 o	220.1614	220.9883	180.57	0.75694
12 21 3 8 1 o	1119.3031	1126.9373	0.69	0.75685
1 18 6 8 1 o	1656.2343	1685.4514	0.69	0.75681
2 32 3 8 1 o	37.8296	38.3083	180.67	0.75679
2 34 2 8 1 o	803.3765	812.8943	180.63	0.75677
14 15 3 8 1 o	456.1998	458.9406	1.13	0.75672
17 7 1 8 1 o	2588.4465	2602.8000	0.72	0.75670
10 25 3 8 1 o	2434.7024	2464.8118	180.60	0.75661
5 15 6 8 1 o	39.7012	40.4375	181.23	0.75654
6 32 2 8 1 o	12.0119	12.2188	178.68	0.75641
10 21 4 8 1 o	3096.2756	3137.9062	180.67	0.75640
2 29 4 8 1 o	0.9478	0.9685	350.47	0.75629
8 8 6 8 1 o	370.9297	376.9989	0.34	0.75614
12 24 2 8 1 o	769.5508	784.0339	0.94	0.75595

14 19 2 8 1 o	997.8574	1015.9600	180.78	0.75551
7 29 3 8 1 o	5.6372	5.7737	0.92	0.75551
14 21 1 8 1 o	95.2759	97.2461	359.86	0.75527
10 29 1 8 1 o	4.0123	4.1096	180.85	0.75516
9 29 2 8 1 o	101.7173	104.1676	0.25	0.75514
17 9 0 4 1 o	525.8694	534.3307	0.43	0.75505
12 5 5 8 1 o	265.0140	268.6854	1.07	0.75503
11 11 5 8 1 o	26.4785	26.9048	0.57	0.75495
0 25 5 4 1 o	238.1268	245.1484	0.39	0.75487
11 26 2 8 1 o	1006.6676	1029.0588	180.47	0.75469
9 17 5 8 1 o	34.1272	34.7939	359.69	0.75452
5 34 1 8 1 o	21.6674	22.1417	0.17	0.75434
11 19 4 8 1 o	99.8125	101.5006	0.76	0.75421
15 18 1 8 1 o	248.4836	252.7215	180.63	0.75417
14 7 4 8 1 o	1615.9504	1635.5310	0.60	0.75415
8 19 5 8 1 o	357.7931	364.8268	0.54	0.75416
9 0 6 4 1 o	1651.4691	1678.2362	0.56	0.75415
6 30 3 8 1 o	339.5092	346.6259	0.76	0.75408
8 28 3 8 1 o	0.3622	0.3691	176.42	0.75392
16 14 1 8 1 o	45.0692	45.7105	2.01	0.75387
9 1 6 8 1 o	2480.4429	2516.9966	180.51	0.75386
9 23 4 8 1 o	0.7841	0.7974	359.78	0.75378
1 25 5 8 1 o	118.3749	120.7318	1.01	0.75365
3 35 1 8 1 o	973.0444	989.3193	180.60	0.75364
8 32 0 4 1 o	290.4427	294.1627	180.74	0.75318
2 18 6 8 1 o	2834.6672	2875.1191	180.88	0.75314
9 2 6 8 1 o	164.9991	166.4980	180.57	0.75298
16 11 2 8 1 o	1419.7407	1429.0699	0.48	0.75265
5 23 5 8 1 o	52.3483	52.6782	180.85	0.75251
7 33 0 4 1 o	11.3661	11.4318	5.36	0.75243
13 22 2 8 1 o	132.2747	133.0099	0.84	0.75241
17 8 1 8 1 o	2113.6389	2123.8652	180.59	0.75230
6 22 5 8 1 o	356.8794	358.4444	1.16	0.75228
0 1 7 4 1 o	28.0834	28.1169	179.70	0.75216
13 13 4 8 1 o	45.6918	45.8477	181.01	0.75194
15 11 3 8 1 o	51.1058	51.2668	180.84	0.75182
12 6 5 8 1 o	840.1122	842.7960	180.81	0.75182
6 14 6 8 1 o	52.3012	52.3227	179.36	0.75162
0 36 0 2 1 o	15756.5654	15768.6299	0.62	0.75155
9 3 6 8 1 o	2378.0608	2381.8457	0.77	0.75153
8 9 6 8 1 o	209.8700	209.9628	180.33	0.75117
15 19 0 4 1 o	85.3595	85.4154	182.55	0.75108
7 12 6 8 1 o	8.8729	8.8700	179.59	0.75101
15 16 2 8 1 o	209.7669	210.0364	181.78	0.75093
1 1 7 8 1 o	95.3314	94.9129	0.30	0.75095
9 31 0 4 1 o	6.8316	6.8275	0.95	0.75092
5 33 2 8 1 o	699.6085	699.1994	180.53	0.75080
3 32 3 8 1 o	804.3096	803.6046	0.85	0.75070
3 34 2 8 1 o	0.0670	0.0669	167.83	0.75068
14 22 0 4 1 o	249.5829	249.8483	0.81	0.75043
3 29 4 8 1 o	0.0048	0.0048	158.64	0.75021
10 15 5 8 1 o	618.9103	620.8437	0.95	0.75013
6 27 4 8 1 o	1078.5703	1079.8861	180.65	0.75010
1 2 7 8 1 o	13.5903	13.5529	0.18	0.75008

2 25 5 8 1 o	17.5374	17.5368	177.91	0.75002
12 26 1 8 1 o	716.4542	718.9846	180.85	0.74987
13 19 3 8 1 o	8.2823	8.3234	179.38	0.74983
0 3 7 4 1 o	15.9080	15.8912	180.64	0.74984
14 8 4 8 1 o	40.1837	40.4161	0.89	0.74980
7 26 4 8 1 o	5.2216	5.2417	180.31	0.74978
4 24 5 8 1 o	2.5110	2.5183	182.39	0.74975
5 31 3 8 1 o	46.0640	46.2789	180.11	0.74966
9 4 6 8 1 o	510.9897	514.7487	180.58	0.74951
9 27 3 8 1 o	17.6677	17.8185	1.89	0.74934
16 1 3 8 1 o	651.8843	658.0328	0.72	0.74920
7 21 5 8 1 o	0.1546	0.1565	28.72	0.74906
4 17 6 8 1 o	60.7211	61.7143	181.85	0.74881
10 28 2 8 1 o	248.6509	252.7778	1.04	0.74872
13 24 1 8 1 o	286.2910	291.0335	0.83	0.74870
6 34 0 4 1 o	1174.3907	1194.2306	0.87	0.74871
1 3 7 8 1 o	2452.9775	2502.9026	180.74	0.74865
16 2 3 8 1 o	45.0927	45.8082	0.98	0.74834
11 12 5 8 1 o	851.5814	867.6306	0.82	0.74828
12 7 5 8 1 o	314.4241	320.4331	0.48	0.74807
17 0 2 4 1 o	346.6423	353.4630	180.51	0.74793
14 16 3 8 1 o	10.9060	11.1711	181.53	0.74770
17 1 2 8 1 o	1073.1416	1096.4757	180.80	0.74765
5 16 6 8 1 o	6.5748	6.8074	359.33	0.74754
5 28 4 8 1 o	103.2080	106.8208	0.74	0.74746
17 9 1 8 1 o	67.9287	69.6757	0.72	0.74741
12 17 4 8 1 o	146.8992	151.0071	1.63	0.74735
2 1 7 8 1 o	67.6181	70.4683	180.81	0.74736
3 18 6 8 1 o	440.1429	458.9367	180.89	0.74714
16 3 3 8 1 o	4.7006	4.8167	180.20	0.74692
9 5 6 8 1 o	1341.6372	1385.1234	180.57	0.74693
17 2 2 8 1 o	1042.1422	1069.6167	180.96	0.74679
2 36 0 4 1 o	5997.4326	6228.9463	180.78	0.74677
1 4 7 8 1 o	103.3515	108.6662	180.47	0.74665
2 2 7 8 1 o	160.4504	168.7768	180.84	0.74651
8 25 4 8 1 o	191.0285	198.7680	180.47	0.74650
11 28 1 8 1 o	595.9459	620.5823	180.51	0.74637
1 19 6 8 1 o	477.6101	503.0626	0.64	0.74609
16 12 2 8 1 o	41.7132	42.9999	0.28	0.74604
10 30 0 4 1 o	603.6104	629.5371	0.87	0.74574
8 10 6 8 1 o	1163.9454	1209.0686	180.52	0.74573
8 32 1 8 1 o	2363.5911	2464.3357	0.65	0.74559
16 15 1 8 1 o	153.2867	158.3192	180.56	0.74552
11 24 3 8 1 o	3889.5120	4036.8210	180.64	0.74549
17 3 2 8 1 o	473.5628	485.6218	1.22	0.74537
0 5 7 4 1 o	881.1253	930.4507	180.72	0.74528
4 35 1 8 1 o	240.2349	249.8206	0.73	0.74526
15 12 3 8 1 o	1127.2531	1156.8497	180.55	0.74523
2 3 7 8 1 o	376.6448	396.3981	0.34	0.74509
14 9 4 8 1 o	380.2084	388.5945	180.40	0.74495
16 4 3 8 1 o	15.2023	15.5197	180.34	0.74493
7 33 1 8 1 o	139.7968	144.8552	180.93	0.74487
9 18 5 8 1 o	201.8110	206.9497	180.68	0.74445
12 22 3 8 1 o	18.9809	19.4407	179.72	0.74443

14 20 2 8 1 o	445.2541	454.6038	0.91	0.74428
16 16 0 4 1 o	1605.5532	1636.3571	181.11	0.74422
13 14 4 8 1 o	635.2573	645.4308	0.81	0.74422
1 5 7 8 1 o	43.4145	44.6893	180.02	0.74410
3 25 5 8 1 o	5.5501	5.6895	359.39	0.74409
0 30 4 4 1 o	213.3254	218.3890	181.00	0.74408
10 22 4 8 1 o	0.0864	0.0879	7.80	0.74400
7 13 6 8 1 o	253.8859	258.0685	181.42	0.74388
12 8 5 8 1 o	1228.2228	1239.5471	180.65	0.74382
9 6 6 8 1 o	292.1011	295.6812	0.70	0.74382
15 19 1 8 1 o	145.9471	147.0797	1.12	0.74356
17 11 0 4 1 o	164.4612	165.4774	1.06	0.74355
17 4 2 8 1 o	93.6350	93.8671	181.37	0.74340
9 31 1 8 1 o	166.3006	167.3044	0.33	0.74340
6 15 6 8 1 o	210.5640	211.6442	181.27	0.74335
2 4 7 8 1 o	476.8104	476.9435	180.79	0.74312
11 20 4 8 1 o	125.3804	125.0801	181.45	0.74304
8 20 5 8 1 o	1.0746	1.0710	0.54	0.74298
14 22 1 8 1 o	264.6414	263.4339	0.58	0.74292
1 30 4 8 1 o	1998.8132	1988.2675	180.65	0.74291
0 33 3 4 1 o	2331.0483	2317.1423	180.88	0.74287
1 36 1 8 1 o	333.5837	331.5213	0.66	0.74285
2 19 6 8 1 o	57.6833	56.8545	0.70	0.74257
16 5 3 8 1 o	329.2041	325.3871	1.06	0.74240
4 32 3 8 1 o	0.7220	0.7108	6.33	0.74242
4 34 2 8 1 o	447.4625	440.5331	180.63	0.74240
13 25 0 4 1 o	91.3459	89.8282	179.08	0.74230
5 35 0 4 1 o	3086.6584	3025.4675	1.12	0.74215
17 10 1 8 1 o	626.7767	615.9879	180.63	0.74205
10 26 3 8 1 o	44.9074	43.9181	359.68	0.74195
4 29 4 8 1 o	947.4736	923.9234	0.65	0.74195
12 25 2 8 1 o	160.1798	156.5579	0.76	0.74189
1 33 3 8 1 o	578.9072	562.9443	180.55	0.74171
15 17 2 8 1 o	82.6719	80.7176	181.20	0.74156
3 1 7 8 1 o	91.3876	88.1754	180.51	0.74150
10 16 5 8 1 o	58.8510	57.3022	0.77	0.74135
6 34 1 8 1 o	124.6182	120.7783	180.62	0.74126
11 13 5 8 1 o	2.6440	2.5766	181.40	0.74123
8 31 2 8 1 o	670.6292	649.1016	0.54	0.74106
1 6 7 8 1 o	139.0327	133.4411	180.71	0.74103
17 5 2 8 1 o	29.8723	29.1219	181.63	0.74089
7 32 2 8 1 o	45.4733	43.9785	181.57	0.74091
3 2 7 8 1 o	32.1253	30.8699	180.64	0.74066
2 5 7 8 1 o	39.0625	37.5010	178.68	0.74061
1 35 2 8 1 o	152.9691	147.8624	0.42	0.74058
9 24 4 8 1 o	2815.8254	2725.3633	180.64	0.74039
9 7 6 8 1 o	23.9806	23.2636	0.60	0.74019
8 11 6 8 1 o	21.7869	21.1234	181.29	0.73985
13 23 2 8 1 o	810.6214	786.7861	0.47	0.73965
14 10 4 8 1 o	17.5082	17.0480	359.53	0.73964
11 27 2 8 1 o	673.2814	653.1343	0.43	0.73960
6 23 5 8 1 o	145.8654	141.4185	180.66	0.73952
2 30 4 8 1 o	95.2827	92.3881	0.81	0.73943
2 36 1 8 1 o	215.0382	208.8160	0.98	0.73938

16 6 3 8 1 o	171.1166	166.7415	180.76	0.73935
3 3 7 8 1 o	1331.7465	1291.5339	0.70	0.73928
5 24 5 8 1 o	778.2927	756.1177	0.71	0.73919
1 26 5 8 1 o	159.5635	154.9719	180.28	0.73916
12 9 5 8 1 o	4194.3267	4087.8774	180.91	0.73909
16 13 2 8 1 o	61.3399	59.7722	0.96	0.73905
4 18 6 8 1 o	2618.8718	2547.7307	0.73	0.73897
13 20 3 8 1 o	1440.7297	1404.1965	0.77	0.73884
7 30 3 8 1 o	1355.5441	1321.3987	180.97	0.73871
0 7 7 4 1 o	12.7473	12.4425	181.70	0.73858
14 17 3 8 1 o	0.0621	0.0606	227.21	0.73846
10 30 1 8 1 o	1084.7639	1059.1854	0.95	0.73838
9 30 2 8 1 o	643.0592	627.9493	0.84	0.73836
5 17 6 8 1 o	3697.2671	3612.1582	1.00	0.73829
15 13 3 8 1 o	16.3634	15.9846	180.87	0.73826
2 33 3 8 1 o	1656.8881	1618.8605	0.82	0.73825
6 33 2 8 1 o	22.4508	21.9635	1.28	0.73790
17 6 2 8 1 o	47.9690	46.9017	359.92	0.73785
11 29 0 4 1 o	504.0302	493.2136	0.80	0.73782
8 29 3 8 1 o	0.7319	0.7163	9.34	0.73777
12 18 4 8 1 o	803.4695	786.5287	180.76	0.73757
2 6 7 8 1 o	149.7328	146.7518	0.63	0.73758
1 7 7 8 1 o	166.6446	163.4137	0.18	0.73744
3 4 7 8 1 o	295.6453	290.0225	0.72	0.73736
2 35 2 8 1 o	2824.0918	2770.5645	180.60	0.73714
7 22 5 8 1 o	43.8483	43.0407	179.33	0.73702
16 16 1 8 1 o	712.9017	699.2206	0.68	0.73690
6 31 3 8 1 o	1.3062	1.2833	352.44	0.73682
3 19 6 8 1 o	1244.6658	1224.6836	180.89	0.73681
18 0 0 2 1 o	4.4305	4.3424	358.59	0.73671
7 14 6 8 1 o	0.9669	0.9513	355.78	0.73640
0 20 6 4 1 o	1046.9089	1033.4863	180.47	0.73640
17 11 1 8 1 o	1521.2960	1492.6942	0.86	0.73625
13 15 4 8 1 o	0.7192	0.7056	191.74	0.73618
9 8 6 8 1 o	4.9709	4.8851	1.66	0.73607
4 25 5 8 1 o	2159.9839	2131.6318	0.43	0.73603
16 7 3 8 1 o	1820.8953	1783.2722	1.02	0.73579
2 26 5 8 1 o	1899.7506	1877.1895	0.61	0.73574
18 2 0 4 1 o	3137.3640	3074.9065	180.63	0.73562
1 20 6 8 1 o	622.7327	615.8128	180.70	0.73526
12 27 1 8 1 o	932.7830	916.8500	0.91	0.73506
13 25 1 8 1 o	621.0465	610.1405	180.58	0.73504
7 27 4 8 1 o	185.3237	182.2112	180.36	0.73497
3 5 7 8 1 o	14.7011	14.5114	359.29	0.73490
5 35 1 8 1 o	259.3726	254.8074	0.53	0.73489
6 16 6 8 1 o	478.7854	470.6359	1.14	0.73480
6 28 4 8 1 o	136.3526	133.9226	180.87	0.73473
17 7 2 8 1 o	68.2934	66.4935	181.23	0.73431
9 19 5 8 1 o	107.8989	105.3559	180.88	0.73424
2 7 7 8 1 o	1091.2544	1068.7334	0.50	0.73404
9 28 3 8 1 o	248.0246	241.8384	180.34	0.73402
15 0 4 4 1 o	920.5732	893.2112	180.77	0.73398
14 11 4 8 1 o	545.7769	529.6400	181.00	0.73391
12 10 5 8 1 o	749.0204	727.1604	180.75	0.73390

11 14 5 8 1 o	23.1275	22.4584	181.76	0.73383
3 30 4 8 1 o	2303.0710	2241.6560	0.46	0.73375
15 1 4 8 1 o	59.0088	57.1319	0.11	0.73371
3 36 1 8 1 o	11.4086	11.0839	359.55	0.73370
8 12 6 8 1 o	54.3620	52.7105	182.59	0.73357
4 1 7 8 1 o	54.8503	53.2579	180.04	0.73351
1 8 7 8 1 o	492.0918	477.0922	0.52	0.73336
14 21 2 8 1 o	0.0858	0.0826	358.42	0.73300
4 36 0 4 1 o	1153.7750	1109.7087	0.81	0.73296
15 2 4 8 1 o	792.4113	761.7463	1.22	0.73290
10 29 2 8 1 o	0.0678	0.0652	39.25	0.73290
15 20 1 8 1 o	278.4272	267.4565	180.77	0.73285
4 2 7 8 1 o	661.2178	633.0369	0.71	0.73271
3 33 3 8 1 o	247.1314	236.4167	0.60	0.73260
13 1 5 8 1 o	19.6595	18.8338	358.74	0.73254
8 26 4 8 1 o	81.2218	77.5447	180.20	0.73242
18 4 0 4 1 o	52.9455	50.6273	181.41	0.73238
10 17 5 8 1 o	25.2802	24.1384	180.69	0.73233
5 32 3 8 1 o	1668.5858	1587.3718	181.05	0.73217
5 34 2 8 1 o	62.6837	59.6351	1.26	0.73215
12 23 3 8 1 o	2.7161	2.5852	184.84	0.73207
15 18 2 8 1 o	130.1331	123.8751	1.15	0.73200
11 25 3 8 1 o	103.0617	97.9806	0.22	0.73200
10 0 6 4 1 o	11483.1562	10934.6309	180.73	0.73200
3 6 7 8 1 o	124.3885	117.6875	1.06	0.73194
2 20 6 8 1 o	0.0269	0.0254	22.97	0.73190
11 21 4 8 1 o	216.6494	205.7465	0.87	0.73181
16 8 3 8 1 o	85.5244	81.3666	0.86	0.73174
8 21 5 8 1 o	38.1540	36.1683	1.75	0.73176
13 2 5 8 1 o	289.6149	275.5778	180.93	0.73173
16 14 2 8 1 o	555.0525	527.3750	180.75	0.73172
10 1 6 8 1 o	4.4181	4.1972	182.61	0.73173
5 29 4 8 1 o	187.6147	177.5375	180.64	0.73171
10 23 4 8 1 o	596.7762	565.5862	0.67	0.73165
15 3 4 8 1 o	447.5524	425.4912	180.50	0.73156
3 35 2 8 1 o	2579.1453	2438.2893	180.75	0.73151
9 9 6 8 1 o	67.4192	63.8586	180.21	0.73149
4 3 7 8 1 o	10.2095	9.6118	179.72	0.73137
15 14 3 8 1 o	30.5825	28.9197	3.20	0.73095
10 2 6 8 1 o	416.1034	393.1419	180.42	0.73093
11 29 1 8 1 o	619.0412	582.4094	0.84	0.73069
14 23 1 8 1 o	7.3555	6.9257	2.49	0.73063
17 13 0 4 1 o	241.8886	228.0169	179.89	0.73043
13 3 5 8 1 o	10.4858	9.9040	177.13	0.73040
17 8 2 8 1 o	652.8796	615.9825	180.67	0.73029
3 26 5 8 1 o	4256.2993	3988.6450	0.73	0.73014
1 37 0 4 1 o	44.2816	41.6065	179.84	0.73013
17 12 1 8 1 o	712.5861	671.2206	0.79	0.73006
2 8 7 8 1 o	3532.9297	3304.3867	180.59	0.73002
0 9 7 4 1 o	228.6187	213.7660	0.56	0.72993
15 4 4 8 1 o	1379.4021	1300.6859	0.64	0.72970
10 3 6 8 1 o	487.7414	458.9368	0.65	0.72960
4 4 7 8 1 o	1142.8661	1070.9503	0.84	0.72950
18 1 1 8 1 o	12.4722	11.7423	182.00	0.72935

14 18 3 8 1 o	13.5923	12.7805	0.67	0.72901
4 19 6 8 1 o	41.5783	39.0248	181.23	0.72898
15 21 0 4 1 o	85.1072	79.9796	1.76	0.72895
5 18 6 8 1 o	153.2010	143.8585	0.65	0.72886
1 9 7 8 1 o	8496.2354	7975.1865	180.81	0.72883
7 15 6 8 1 o	192.0899	180.4642	1.35	0.72862
18 2 1 8 1 o	2.8800	2.7078	183.63	0.72855
13 4 5 8 1 o	55.3338	52.0389	180.52	0.72854
3 7 7 8 1 o	838.1598	787.3975	180.36	0.72848
12 11 5 8 1 o	891.7828	837.8582	0.78	0.72830
12 26 2 8 1 o	36.3135	34.0877	180.93	0.72806
16 17 1 8 1 o	47.1784	44.2772	0.91	0.72804
13 16 4 8 1 o	1017.6033	954.6903	0.63	0.72788
8 33 1 8 1 o	2.7514	2.5809	5.70	0.72785
13 21 3 8 1 o	17.2342	16.1598	0.86	0.72780
14 12 4 8 1 o	0.6194	0.5811	0.49	0.72777
10 4 6 8 1 o	25.6216	24.0226	180.51	0.72775
12 19 4 8 1 o	336.7119	315.5017	1.00	0.72763
10 27 3 8 1 o	8195.5762	7678.1611	180.76	0.72760
12 28 0 4 1 o	387.0070	362.1640	180.68	0.72742
15 5 4 8 1 o	60.4992	56.6721	180.69	0.72732
18 3 1 8 1 o	124.4399	116.4486	180.64	0.72724
16 9 3 8 1 o	173.0360	161.9601	0.66	0.72723
9 25 4 8 1 o	31.8664	29.7710	180.77	0.72717
4 5 7 8 1 o	0.8047	0.7512	353.74	0.72713
18 6 0 4 1 o	0.2470	0.2309	350.72	0.72708
13 24 2 8 1 o	327.3975	305.5160	181.29	0.72699
8 13 6 8 1 o	14.0123	13.0668	359.78	0.72692
6 24 5 8 1 o	11.6985	10.8964	180.88	0.72687
7 34 1 8 1 o	4.8434	4.5038	179.23	0.72665
9 10 6 8 1 o	371.3061	345.2756	180.50	0.72646
1 31 4 8 1 o	304.3108	282.0462	180.58	0.72639
3 20 6 8 1 o	337.4728	312.4178	0.73	0.72638
9 32 1 8 1 o	25.9098	24.0275	181.12	0.72633
13 5 5 8 1 o	4.1025	3.8203	183.32	0.72618
11 15 5 8 1 o	822.0382	763.4807	180.77	0.72613
0 27 5 4 1 o	3995.6094	3688.4924	180.82	0.72605
5 25 5 8 1 o	260.9100	241.0922	180.72	0.72603
6 17 6 8 1 o	417.6089	386.0211	0.94	0.72602
4 30 4 8 1 o	15.4661	14.2929	181.27	0.72601
4 36 1 8 1 o	793.7765	734.2036	180.87	0.72596
17 9 2 8 1 o	46.6693	43.3484	180.04	0.72581
16 18 0 4 1 o	221.6315	205.2869	180.37	0.72578
2 9 7 8 1 o	371.8186	341.3406	0.87	0.72555
18 4 1 8 1 o	88.1926	81.7963	180.67	0.72540
10 5 6 8 1 o	154.3468	142.8927	180.57	0.72539
14 24 0 4 1 o	1696.9110	1565.1836	180.79	0.72520
7 23 5 8 1 o	661.1401	608.5363	0.61	0.72501
1 27 5 8 1 o	4516.6880	4145.8652	0.75	0.72496
4 33 3 8 1 o	552.3076	508.0473	180.91	0.72489
11 28 2 8 1 o	5.2097	4.7980	356.91	0.72485
3 8 7 8 1 o	873.2888	799.7764	0.71	0.72455
15 6 4 8 1 o	324.3092	300.8952	180.80	0.72445
1 21 6 8 1 o	109.5265	100.3062	180.61	0.72438

0 37 1 4 1 o	109.4618	100.7456	1.16	0.72430
4 6 7 8 1 o	303.5259	278.2280	180.91	0.72426
8 32 2 8 1 o	1.5057	1.3853	359.21	0.72415
16 15 2 8 1 o	254.8132	235.6691	180.87	0.72408
9 20 5 8 1 o	257.9655	237.8269	180.30	0.72392
1 10 7 8 1 o	31.2487	28.5975	0.47	0.72385
4 35 2 8 1 o	1376.5330	1267.0242	1.15	0.72384
1 34 3 8 1 o	1.4385	1.3236	182.55	0.72371
5 1 7 8 1 o	32.4282	29.8025	1.22	0.72362
17 13 1 8 1 o	14.6398	13.5576	2.91	0.72351
7 33 2 8 1 o	2.6795	2.4693	4.35	0.72348
15 15 3 8 1 o	103.8411	96.2887	0.68	0.72333
13 6 5 8 1 o	14.9439	13.8828	181.06	0.72332
1 37 1 8 1 o	163.6776	151.1183	1.06	0.72322
2 31 4 8 1 o	271.0850	249.8883	180.84	0.72314
10 18 5 8 1 o	6.1509	5.6948	0.00	0.72312
18 5 1 8 1 o	20.6446	19.1784	359.50	0.72307
5 2 7 8 1 o	2.9628	2.7356	1.79	0.72284
6 35 1 8 1 o	66.7290	61.7634	0.61	0.72278
0 36 2 4 1 o	2296.5369	2126.7734	0.92	0.72270
10 6 6 8 1 o	4380.9170	4075.9373	180.58	0.72254
4 26 5 8 1 o	722.1604	668.7085	181.28	0.72252
7 31 3 8 1 o	146.9196	136.2954	0.31	0.72247
12 12 5 8 1 o	364.2096	339.6912	181.05	0.72230
16 10 3 8 1 o	56.2647	52.5248	0.77	0.72229
15 19 2 8 1 o	453.0735	422.0424	180.76	0.72228
10 31 1 8 1 o	121.1525	112.7288	0.48	0.72216
9 31 2 8 1 o	585.6321	545.0179	0.40	0.72214
8 30 3 8 1 o	254.3241	236.7680	180.79	0.72210
15 21 1 8 1 o	138.4971	129.1372	0.12	0.72207
2 27 5 8 1 o	2260.8103	2109.6980	1.02	0.72173
14 22 2 8 1 o	480.4442	449.4105	0.70	0.72170
1 36 2 8 1 o	3557.8367	3326.9785	180.91	0.72163
13 26 1 8 1 o	1766.1084	1652.7959	0.72	0.72158
5 3 7 8 1 o	26.5199	24.7980	180.85	0.72156
3 37 0 4 1 o	1544.9998	1447.6484	180.84	0.72144
14 13 4 8 1 o	20.0346	18.8301	181.71	0.72128
2 21 6 8 1 o	291.1583	273.3089	180.80	0.72116
15 7 4 8 1 o	94.7424	89.1960	180.37	0.72109
9 11 6 8 1 o	540.1977	508.2332	180.40	0.72102
17 10 2 8 1 o	1374.2064	1295.1917	0.62	0.72089
4 7 7 8 1 o	1.0035	0.9443	177.28	0.72091
2 10 7 8 1 o	1727.0057	1629.6053	180.68	0.72064
12 28 1 8 1 o	479.1006	452.3848	180.81	0.72058
11 22 4 8 1 o	19.3790	18.3013	181.38	0.72056
7 16 6 8 1 o	11.0195	10.4060	0.43	0.72056
8 22 5 8 1 o	181.9199	171.8730	180.99	0.72051
2 34 3 8 1 o	0.4177	0.3947	356.81	0.72050
7 28 4 8 1 o	1453.2896	1373.1991	180.55	0.72049
18 6 1 8 1 o	1441.9425	1365.2839	1.09	0.72025
6 32 3 8 1 o	19.3304	18.3152	181.61	0.72019
3 9 7 8 1 o	180.4990	171.1418	2.99	0.72018
6 34 2 8 1 o	469.2357	444.6560	180.15	0.72017
2 37 1 8 1 o	111.2852	105.5984	0.28	0.72001

13 7 5 8 1 o	894.3381	848.1577	180.58	0.71998
8 14 6 8 1 o	165.7190	157.3239	181.09	0.71994
18 8 0 4 1 o	952.7004	904.5362	180.70	0.71983
12 24 3 8 1 o	3.3918	3.2231	180.65	0.71979
5 4 7 8 1 o	144.2568	137.2429	181.00	0.71977
6 29 4 8 1 o	85.2642	81.0954	181.42	0.71976
0 11 7 4 1 o	190.9853	182.3930	181.09	0.71953
14 19 3 8 1 o	29.5733	28.1563	2.35	0.71942
10 24 4 8 1 o	194.4475	185.3065	0.39	0.71940
13 17 4 8 1 o	1059.7493	1009.2544	180.82	0.71934
5 19 6 8 1 o	854.2268	815.8508	1.23	0.71926
10 7 6 8 1 o	0.0318	0.0303	353.36	0.71921
9 29 3 8 1 o	98.9990	94.5563	180.73	0.71909
16 18 1 8 1 o	86.9475	82.9863	181.06	0.71899
4 20 6 8 1 o	639.9475	612.8657	180.76	0.71887
11 26 3 8 1 o	3566.9216	3411.4031	180.51	0.71871
8 27 4 8 1 o	249.9654	239.2780	0.83	0.71860
1 11 7 8 1 o	28.1978	27.0895	1.60	0.71847
2 36 2 8 1 o	398.1992	381.3801	181.55	0.71845
14 24 1 8 1 o	10.3467	9.9040	2.52	0.71842
11 16 5 8 1 o	12.0384	11.5187	1.52	0.71815
3 31 4 8 1 o	94.4453	90.6057	1.02	0.71783
12 20 4 8 1 o	63.6958	60.9972	0.83	0.71758
10 30 2 8 1 o	916.5363	878.6160	0.59	0.71753
5 5 7 8 1 o	16.8915	16.2110	1.64	0.71749
8 34 0 4 1 o	602.6966	577.8156	180.78	0.71738
15 8 4 8 1 o	293.4995	280.7548	0.87	0.71728
4 8 7 8 1 o	1180.8458	1133.5016	1.27	0.71710
6 18 6 8 1 o	112.3184	107.7132	178.60	0.71704
18 7 1 8 1 o	1521.8418	1456.1241	180.62	0.71695
16 11 3 8 1 o	721.9567	690.6985	1.32	0.71695
13 22 3 8 1 o	1021.2021	977.8212	0.53	0.71673
17 14 1 8 1 o	70.5988	67.5574	181.33	0.71662
3 27 5 8 1 o	143.8238	137.9189	182.14	0.71645
9 33 0 4 1 o	259.5554	248.6027	181.43	0.71643
5 30 4 8 1 o	0.4415	0.4230	0.16	0.71642
5 36 1 8 1 o	964.3745	923.4385	0.67	0.71636
13 8 5 8 1 o	2150.4729	2055.2986	180.75	0.71619
16 16 2 8 1 o	19.0753	18.2369	182.76	0.71617
17 15 0 4 1 o	429.2674	410.2049	181.45	0.71597
12 13 5 8 1 o	246.3970	235.3826	0.81	0.71595
3 21 6 8 1 o	147.0416	140.7598	0.79	0.71588
7 35 0 4 1 o	2428.4917	2319.5610	180.83	0.71573
17 11 2 8 1 o	439.1658	419.0035	0.50	0.71558
15 16 3 8 1 o	866.3928	826.1775	0.70	0.71545
11 30 1 8 1 o	193.0069	184.0254	180.95	0.71546
10 8 6 8 1 o	150.0866	143.1021	0.32	0.71543
3 10 7 8 1 o	439.1157	418.7567	0.70	0.71538
5 33 3 8 1 o	187.1094	178.2766	180.36	0.71534
2 11 7 8 1 o	98.9357	94.3112	0.82	0.71533
3 34 3 8 1 o	3.5737	3.4024	178.89	0.71524
9 12 6 8 1 o	2.5510	2.4288	356.87	0.71520
13 27 0 4 1 o	233.7726	221.9262	181.19	0.71485
3 37 1 8 1 o	360.7914	342.2613	180.42	0.71476

5 6 7 8 1 o	438.6613	415.5616	180.89	0.71473
0 22 6 4 1 o	455.5974	430.1803	0.52	0.71450
12 27 2 8 1 o	153.4635	145.3687	180.71	0.71448
13 25 2 8 1 o	255.2808	241.8911	0.72	0.71446
14 14 4 8 1 o	6.5400	6.2144	359.85	0.71446
6 25 5 8 1 o	31.8115	30.0680	359.91	0.71435
5 35 2 8 1 o	267.3511	252.8319	1.55	0.71432
9 26 4 8 1 o	289.0450	273.2969	0.54	0.71414
10 19 5 8 1 o	422.1749	399.5218	180.85	0.71375
10 28 3 8 1 o	1.8489	1.7470	359.18	0.71354
9 21 5 8 1 o	89.3952	84.5223	181.91	0.71352
1 22 6 8 1 o	512.3318	481.6418	180.54	0.71347
18 8 1 8 1 o	812.9032	772.4464	180.69	0.71320
3 36 2 8 1 o	72.9438	68.9306	3.46	0.71323
7 24 5 8 1 o	125.7047	118.8374	181.57	0.71308
15 9 4 8 1 o	0.2694	0.2564	4.92	0.71304
5 26 5 8 1 o	202.2639	191.0038	181.88	0.71305
10 32 0 4 1 o	186.1107	176.1693	180.18	0.71292
4 9 7 8 1 o	1013.0435	956.3740	0.55	0.71286
1 12 7 8 1 o	275.2380	259.7647	180.61	0.71272
8 15 6 8 1 o	93.3548	88.6097	1.67	0.71266
17 1 3 8 1 o	39.9905	38.1677	0.62	0.71261
15 20 2 8 1 o	608.7000	579.6288	181.28	0.71245
7 17 6 8 1 o	1320.2563	1256.4139	180.76	0.71228
6 1 7 8 1 o	0.0334	0.0318	192.80	0.71205
0 38 0 2 1 o	3736.1721	3567.9243	180.54	0.71200
13 9 5 8 1 o	1196.7274	1146.7635	0.79	0.71196
17 2 3 8 1 o	48.5947	46.6235	181.71	0.71187
6 36 0 4 1 o	435.9718	418.6131	179.82	0.71154
5 7 7 8 1 o	594.7955	570.9102	0.65	0.71151
0 32 4 4 1 o	1224.1093	1175.9928	180.50	0.71146
6 2 7 8 1 o	857.8514	826.0674	180.59	0.71131
15 22 1 8 1 o	186.8371	180.1142	180.64	0.71126
16 12 3 8 1 o	280.2871	270.4580	180.71	0.71122
10 9 6 8 1 o	93.4373	90.1393	0.30	0.71122
1 28 5 8 1 o	240.5403	232.4695	180.73	0.71106
18 10 0 4 1 o	1354.1152	1312.2780	0.81	0.71083
8 34 1 8 1 o	9.6294	9.3410	179.52	0.71082
17 3 3 8 1 o	14.9727	14.5322	180.56	0.71064
13 18 4 8 1 o	2167.4812	2106.4875	180.98	0.71060
4 31 4 8 1 o	529.9785	516.1740	0.90	0.71058
11 29 2 8 1 o	61.3721	59.8383	1.58	0.71047
1 32 4 8 1 o	123.6336	120.6990	180.26	0.71044
14 23 2 8 1 o	560.7891	546.7488	180.61	0.71041
2 22 6 8 1 o	159.1814	155.6856	0.23	0.71039
3 11 7 8 1 o	5.4250	5.3281	184.36	0.71018
6 3 7 8 1 o	4.4617	4.3800	359.41	0.71009
11 17 5 8 1 o	173.6720	170.1934	0.67	0.70995
17 12 2 8 1 o	64.6713	63.3220	179.56	0.70989
9 33 1 8 1 o	1144.6180	1125.9792	0.82	0.70990
16 19 1 8 1 o	683.4261	671.4532	180.65	0.70978
14 20 3 8 1 o	202.7667	199.2646	0.47	0.70970
11 0 6 4 1 o	940.1188	922.8974	180.86	0.70964
2 12 7 8 1 o	264.6086	262.5924	0.70	0.70965

5 20 6 8 1 o	75.5492	74.8444 180.65 0.70955
18 0 2 4 1 o	1942.4325	1906.8226 180.60 0.70948
17 15 1 8 1 o	1.0387	1.0229 359.55 0.70944
11 1 6 8 1 o	1085.0245	1067.5133 180.75 0.70940
11 23 4 8 1 o	32.5634	32.1782 180.81 0.70933
12 14 5 8 1 o	106.7639	105.1928 180.58 0.70928
8 23 5 8 1 o	36.9996	36.6639 180.63 0.70928
18 1 2 8 1 o	19.1157	18.7996 178.28 0.70923
4 27 5 8 1 o	0.6666	0.6630 197.68 0.70924
7 35 1 8 1 o	137.2289	136.1568 179.95 0.70921
18 9 1 8 1 o	874.2729	862.4432 180.76 0.70903
9 13 6 8 1 o	126.9660	125.8073 0.85 0.70904
17 4 3 8 1 o	0.2556	0.2517 193.28 0.70893
4 21 6 8 1 o	209.8003	210.1561 1.38 0.70869
11 2 6 8 1 o	463.5332	458.2744 0.56 0.70867
18 2 2 8 1 o	709.8032	700.6028 180.72 0.70850
15 10 4 8 1 o	101.0628	99.7679 181.32 0.70838
6 4 7 8 1 o	363.5927	363.8725 181.32 0.70838
13 27 1 8 1 o	2001.0771	1995.7266 0.91 0.70836
4 10 7 8 1 o	798.1575	803.0132 1.29 0.70820
4 34 3 8 1 o	25.4362	25.4516 0.90 0.70807
16 17 2 8 1 o	1928.6653	1912.9604 0.70 0.70803
2 28 5 8 1 o	457.2907	459.5352 0.81 0.70801
2 38 0 4 1 o	556.5064	555.5803 0.76 0.70793
6 19 6 8 1 o	63.4607	63.5802 1.11 0.70790
8 33 2 8 1 o	229.7053	229.5564 181.12 0.70785
5 8 7 8 1 o	368.9135	370.4591 0.41 0.70785
12 25 3 8 1 o	1769.3380	1760.4886 180.42 0.70762
0 13 7 4 1 o	1044.8292	1054.8009 180.53 0.70762
4 37 1 8 1 o	99.3733	99.1521 0.55 0.70760
0 35 3 4 1 o	1150.7216	1149.4326 0.68 0.70749
11 3 6 8 1 o	979.6285	968.0757 180.88 0.70746
12 21 4 8 1 o	1432.0742	1420.1906 0.59 0.70745
2 32 4 8 1 o	224.9502	224.9495 0.60 0.70740
14 15 4 8 1 o	0.0830	0.0819 195.39 0.70734
15 17 3 8 1 o	6.3633	6.2884 180.86 0.70734
13 10 5 8 1 o	341.3802	336.5222 181.13 0.70732
18 3 2 8 1 o	909.4492	895.6843 181.17 0.70729
10 25 4 8 1 o	19.9565	19.8197 359.65 0.70725
11 31 0 4 1 o	17.5181	17.3733 0.65 0.70695
8 31 3 8 1 o	10.8350	10.7390 180.10 0.70690
17 5 3 8 1 o	7.8389	7.6803 180.25 0.70675
7 32 3 8 1 o	799.3004	790.8317 1.06 0.70677
7 34 2 8 1 o	208.3708	206.0603 181.34 0.70675
15 23 0 4 1 o	224.7515	221.6558 181.44 0.70673
16 20 0 4 1 o	139.9791	137.8810 182.60 0.70672
1 13 7 8 1 o	13.8367	13.7470 0.44 0.70661
10 10 6 8 1 o	120.8912	118.7178 179.92 0.70659
10 32 1 8 1 o	573.0174	563.8508 180.71 0.70648
1 35 3 8 1 o	1.3806	1.3597 2.45 0.70648
9 32 2 8 1 o	60.7177	59.7256 1.07 0.70646
12 29 1 8 1 o	988.6978	971.8046 180.62 0.70644
7 29 4 8 1 o	64.6641	63.5115 180.41 0.70636
14 25 1 8 1 o	934.0228	915.4793 0.73 0.70633

6 5 7 8 1 o	95.9926	94.0501	180.91	0.70621
4 36 2 8 1 o	1.8043	1.7633	10.73	0.70612
11 4 6 8 1 o	45.9151	44.5220	1.80	0.70577
13 23 3 8 1 o	168.2249	162.9881	180.64	0.70568
11 27 3 8 1 o	79.3149	76.8020	181.29	0.70563
18 4 2 8 1 o	30.7444	29.7368	359.79	0.70561
3 22 6 8 1 o	202.0545	194.5401	0.58	0.70535
6 30 4 8 1 o	193.8882	186.3846	180.62	0.70519
16 13 3 8 1 o	535.7109	515.4419	0.86	0.70516
6 36 1 8 1 o	1207.6119	1160.3927	0.73	0.70514
8 16 6 8 1 o	82.2335	79.0150	181.44	0.70512
8 28 4 8 1 o	0.6441	0.6182	180.56	0.70505
5 37 0 4 1 o	88.7187	85.0420	2.05	0.70494
3 12 7 8 1 o	72.5408	69.1997	1.19	0.70462
1 38 1 8 1 o	5.6580	5.4028	2.33	0.70458
9 30 3 8 1 o	1607.4015	1534.4232	0.93	0.70456
18 10 1 8 1 o	398.6949	380.7073	180.66	0.70445
10 20 5 8 1 o	18.1781	17.3085	182.17	0.70425
6 33 3 8 1 o	44.0234	41.8551	180.67	0.70416
17 6 3 8 1 o	427.2860	406.9648	1.43	0.70412
14 1 5 8 1 o	7.1760	6.8349	359.05	0.70411
17 13 2 8 1 o	16.6049	15.7679	0.26	0.70386
7 18 6 8 1 o	3.3141	3.1397	177.28	0.70379
5 9 7 8 1 o	182.3957	172.6755	180.74	0.70376
11 5 6 8 1 o	21.7129	20.5705	180.54	0.70362
2 13 7 8 1 o	244.7611	231.3516	0.87	0.70362
1 37 2 8 1 o	280.3545	265.0899	0.76	0.70359
6 6 7 8 1 o	692.5698	654.5349	0.96	0.70357
2 35 3 8 1 o	2442.5764	2306.7056	180.63	0.70349
18 5 2 8 1 o	116.7605	110.5311	0.85	0.70346
14 2 5 8 1 o	99.6133	94.2867	1.28	0.70339
15 11 4 8 1 o	39.3481	37.2092	0.85	0.70333
6 35 2 8 1 o	2296.2336	2161.5686	180.91	0.70319
4 11 7 8 1 o	32.9972	31.0194	180.79	0.70316
9 22 5 8 1 o	264.2467	248.5716	180.58	0.70309
3 28 5 8 1 o	216.8338	203.5339	0.96	0.70302
10 31 2 8 1 o	340.5101	318.4579	180.18	0.70262
9 14 6 8 1 o	138.4742	129.5841	1.02	0.70255
1 23 6 8 1 o	730.3884	680.8143	0.65	0.70256
15 21 2 8 1 o	407.4893	381.5152	0.64	0.70253
3 32 4 8 1 o	23.3739	21.7847	180.76	0.70242
12 15 5 8 1 o	921.3741	862.2195	181.01	0.70232
13 11 5 8 1 o	1304.5361	1222.2972	180.59	0.70230
14 3 5 8 1 o	53.0204	49.7138	1.69	0.70221
13 26 2 8 1 o	286.4264	266.6506	0.83	0.70209
17 16 1 8 1 o	12.6392	11.7883	181.43	0.70200
6 26 5 8 1 o	1201.8953	1114.8685	0.99	0.70198
13 19 4 8 1 o	87.3803	81.3466	181.24	0.70170
2 38 1 8 1 o	11.2346	10.4059	177.53	0.70162
10 11 6 8 1 o	10.1041	9.3925	179.97	0.70159
5 31 4 8 1 o	385.4824	356.2681	180.97	0.70157
11 18 5 8 1 o	9.9201	9.2182	181.45	0.70155
16 0 4 4 1 o	70.0355	65.4365	0.92	0.70143
9 27 4 8 1 o	0.0145	0.0134	321.75	0.70131

7 25 5 8 1 o	291.9856	269.5760	1.11	0.70124
16 1 4 8 1 o	2498.0007	2332.3323	180.67	0.70119
12 28 2 8 1 o	9.5735	8.8533	0.09	0.70116
17 7 3 8 1 o	9.0296	8.4185	1.03	0.70104
11 6 6 8 1 o	127.4065	118.4420	181.25	0.70102
18 6 2 8 1 o	123.0811	114.6376	180.66	0.70086
11 31 1 8 1 o	2.0126	1.8589	2.12	0.70067
2 37 2 8 1 o	312.0511	288.1870	180.91	0.70064
14 4 5 8 1 o	85.0352	79.2991	1.29	0.70056
16 2 4 8 1 o	18.2244	17.0072	182.85	0.70049
6 7 7 8 1 o	3.2688	3.0153	358.92	0.70050
14 26 0 4 1 o	187.0295	173.0164	1.00	0.70047
15 23 1 8 1 o	547.0424	506.6870	1.00	0.70045
17 17 0 4 1 o	1.0248	0.9509	14.57	0.70044
16 20 1 8 1 o	31.2775	29.0010	182.50	0.70044
18 12 0 4 1 o	35.9323	33.4064	1.59	0.70028
5 27 5 8 1 o	152.6720	140.8994	0.41	0.70028
1 14 7 8 1 o	21.7097	19.9703	0.44	0.70020
14 16 4 8 1 o	509.9027	474.8636	180.81	0.69996
14 21 3 8 1 o	372.9471	346.7180	359.96	0.69989
10 29 3 8 1 o	562.3503	521.4892	0.74	0.69981
5 21 6 8 1 o	698.4135	646.0976	180.87	0.69976
16 18 2 8 1 o	634.1003	590.3932	0.69	0.69970
2 23 6 8 1 o	112.5726	104.0840	0.63	0.69962
18 11 1 8 1 o	590.1702	550.7735	180.60	0.69949
16 3 4 8 1 o	1316.0248	1232.6368	0.78	0.69932
5 10 7 8 1 o	0.0094	0.0087	334.03	0.69928
14 24 2 8 1 o	185.2591	172.7777	181.12	0.69918
5 34 3 8 1 o	194.6143	181.1572	180.61	0.69915
7 1 7 8 1 o	484.2594	451.3296	180.53	0.69907
15 18 3 8 1 o	47.1550	44.1151	181.04	0.69902
16 14 3 8 1 o	24.0059	22.5185	179.84	0.69878
3 13 7 8 1 o	148.8248	138.8340	180.43	0.69872
12 30 0 4 1 o	961.6627	899.5201	180.67	0.69871
5 37 1 8 1 o	4.8452	4.5323	182.88	0.69871
6 20 6 8 1 o	302.0700	282.5369	0.70	0.69864
3 35 3 8 1 o	36.8612	34.5073	359.84	0.69860
14 5 5 8 1 o	635.2333	597.8927	180.70	0.69845
4 22 6 8 1 o	26.3394	24.6694	180.04	0.69846
0 29 5 4 1 o	218.3299	204.5805	1.04	0.69843
7 2 7 8 1 o	163.1094	153.1177	180.61	0.69837
11 24 4 8 1 o	2972.9182	2799.2427	0.73	0.69815
8 24 5 8 1 o	278.2764	262.0323	0.89	0.69810
11 7 6 8 1 o	58.5432	55.2489	181.42	0.69798
15 12 4 8 1 o	18.2892	17.2729	1.30	0.69793
18 7 2 8 1 o	16.2732	15.3811	179.21	0.69782
4 12 7 8 1 o	282.3476	266.7988	181.21	0.69776
19 1 0 4 1 o	519.8699	491.7369	0.75	0.69771
16 4 4 8 1 o	344.8469	326.3356	180.58	0.69769
17 8 3 8 1 o	475.0078	449.9101	180.73	0.69753
17 14 2 8 1 o	378.1638	358.1996	0.90	0.69752
1 29 5 8 1 o	14.0293	13.3030	359.44	0.69746
8 17 6 8 1 o	575.7398	546.2644	180.71	0.69735
12 22 4 8 1 o	104.3619	99.0449	180.66	0.69728

2 14 7 8 1 o	1038.9855	987.6244	180.66	0.69729
5 36 2 8 1 o	3.2406	3.0770	182.66	0.69728
7 3 7 8 1 o	23.7786	22.5910	182.60	0.69721
6 8 7 8 1 o	2518.0276	2397.1216	180.92	0.69701
13 12 5 8 1 o	0.1905	0.1811	180.27	0.69692
3 38 1 8 1 o	23.7752	22.6571	180.93	0.69676
11 30 2 8 1 o	2238.3188	2136.1223	180.50	0.69644
10 12 6 8 1 o	1375.2683	1312.2299	0.78	0.69622
4 28 5 8 1 o	698.9811	668.0342	180.97	0.69620
4 38 0 4 1 o	1488.6747	1421.9597	180.68	0.69613
14 6 5 8 1 o	62.6241	59.7525	1.28	0.69591
19 3 0 4 1 o	4899.7285	4676.5869	180.86	0.69586
3 37 2 8 1 o	25.3733	24.2477	181.21	0.69580
9 15 6 8 1 o	984.9622	940.9762	180.95	0.69578
16 5 4 8 1 o	379.9528	362.7418	180.72	0.69561
4 32 4 8 1 o	238.0946	227.5717	180.35	0.69562
12 26 3 8 1 o	81.6715	78.0421	180.30	0.69559
7 4 7 8 1 o	346.3593	331.0206	0.61	0.69560
13 28 1 8 1 o	112.6799	107.6956	0.79	0.69537
10 26 4 8 1 o	331.2470	316.6020	180.55	0.69524
7 19 6 8 1 o	744.3154	711.3543	180.98	0.69514
12 16 5 8 1 o	4.4824	4.2841	183.63	0.69509
1 33 4 8 1 o	54.7479	52.3151	0.34	0.69504
3 23 6 8 1 o	494.7103	472.5705	180.97	0.69480
10 21 5 8 1 o	714.8791	683.5559	180.74	0.69467
13 24 3 8 1 o	190.6757	182.3260	1.34	0.69466
2 29 5 8 1 o	467.7571	446.9262	181.09	0.69459
11 8 6 8 1 o	13.1439	12.5719	180.88	0.69452
8 35 1 8 1 o	73.6811	70.4503	0.18	0.69447
0 15 7 4 1 o	25.6873	24.5315	0.77	0.69444
5 11 7 8 1 o	120.1474	114.8148	1.28	0.69443
18 8 2 8 1 o	168.2346	160.9649	180.89	0.69436
14 26 1 8 1 o	716.6254	685.4514	1.27	0.69436
17 17 1 8 1 o	220.7627	211.2090	0.98	0.69433
18 12 1 8 1 o	1862.5298	1782.5558	1.03	0.69417
9 34 1 8 1 o	252.6668	241.7373	0.32	0.69407
17 9 3 8 1 o	0.0253	0.0242	198.21	0.69362
7 5 7 8 1 o	2.1563	2.0654	184.05	0.69354
1 15 7 8 1 o	2041.9785	1954.2523	180.86	0.69349
16 6 4 8 1 o	98.4795	94.4919	0.21	0.69309
6 9 7 8 1 o	196.2980	188.1590	0.52	0.69311
11 19 5 8 1 o	80.6893	77.4237	179.96	0.69298
14 7 5 8 1 o	595.4515	571.5682	181.02	0.69293
11 28 3 8 1 o	61.9681	59.4731	181.08	0.69279
1 39 0 4 1 o	8.1753	7.8454	359.01	0.69279
13 20 4 8 1 o	1591.0957	1528.0485	0.85	0.69268
12 30 1 8 1 o	118.7491	113.9937	181.44	0.69264
9 23 5 8 1 o	586.5651	563.1696	180.61	0.69264
0 24 6 4 1 o	2376.7097	2279.4646	0.82	0.69263
15 22 2 8 1 o	584.6024	561.5489	180.64	0.69257
7 30 4 8 1 o	1.5535	1.4913	351.07	0.69257
7 36 1 8 1 o	4.4792	4.3009	181.21	0.69252
3 14 7 8 1 o	232.8858	223.4024	0.77	0.69252
14 17 4 8 1 o	121.6704	116.9706	182.80	0.69236

19 5 0 4 1 o	2364.6729	2274.5977	0.39	0.69221
15 13 4 8 1 o	37.7518	36.3161	1.43	0.69220
2 33 4 8 1 o	76.7442	73.7282	180.22	0.69219
8 32 3 8 1 o	10.6437	10.2298	1.91	0.69218
8 34 2 8 1 o	1167.7817	1122.4070	180.75	0.69216
16 15 3 8 1 o	59.5728	57.3198	180.74	0.69212
4 13 7 8 1 o	41.9543	40.2999	180.55	0.69203
4 35 3 8 1 o	217.4641	209.1645	0.67	0.69191
8 29 4 8 1 o	168.1399	161.8207	180.06	0.69179
19 1 1 8 1 o	196.8000	189.7056	181.28	0.69167
1 24 6 8 1 o	1138.3413	1094.4972	0.65	0.69168
7 33 3 8 1 o	8.2745	7.9697	359.34	0.69160
10 33 1 8 1 o	99.0093	95.5132	181.19	0.69132
9 33 2 8 1 o	1373.4613	1325.1184	180.68	0.69131
13 13 5 8 1 o	4.0391	3.9023	182.67	0.69121
16 19 2 8 1 o	1153.4127	1114.4269	0.62	0.69120
7 6 7 8 1 o	106.8335	103.2633	0.89	0.69104
16 21 1 8 1 o	20.3491	19.6841	180.96	0.69101
19 2 1 8 1 o	34.9280	33.7875	180.28	0.69099
6 31 4 8 1 o	124.3501	120.2016	181.55	0.69101
17 15 2 8 1 o	730.3773	707.0809	180.82	0.69089
7 35 2 8 1 o	3016.7781	2925.5059	180.71	0.69068
11 9 6 8 1 o	0.7771	0.7535	359.89	0.69066
2 15 7 8 1 o	347.6357	336.9393	0.26	0.69067
15 19 3 8 1 o	2.5703	2.4946	0.19	0.69055
10 13 6 8 1 o	98.0819	95.2269	0.48	0.69053
18 9 2 8 1 o	1.0415	1.0106	182.25	0.69051
9 31 3 8 1 o	100.4909	97.7016	180.48	0.69042
16 7 4 8 1 o	1819.3596	1768.4603	180.54	0.69016
4 38 1 8 1 o	868.9929	847.3745	180.63	0.69012
14 22 3 8 1 o	1.6081	1.5675	358.05	0.69004
1 36 3 8 1 o	14.4797	14.1459	179.89	0.68998
5 22 6 8 1 o	220.7463	216.0145	180.30	0.68990
13 27 2 8 1 o	49.7210	48.5655	180.48	0.68989
19 3 1 8 1 o	335.6077	326.9503	180.68	0.68987
3 29 5 8 1 o	145.1405	142.0949	179.75	0.68987
6 27 5 8 1 o	53.0236	51.9149	0.04	0.68978
15 24 1 8 1 o	6.9692	6.8159	179.80	0.68967
14 8 5 8 1 o	750.1071	731.5384	0.96	0.68955
7 26 5 8 1 o	5627.1777	5517.8149	0.67	0.68953
8 18 6 8 1 o	528.2088	517.8909	181.35	0.68938
17 10 3 8 1 o	867.3162	846.7116	180.59	0.68933
6 21 6 8 1 o	498.7614	490.0726	181.09	0.68928
5 12 7 8 1 o	423.8641	416.9709	180.93	0.68923
4 37 2 8 1 o	815.1282	800.1572	0.85	0.68919
2 24 6 8 1 o	1378.7922	1358.0824	180.78	0.68888
6 10 7 8 1 o	1058.2383	1040.3878	181.12	0.68883
9 16 6 8 1 o	89.0871	87.3577	180.09	0.68876
6 34 3 8 1 o	0.9094	0.8931	184.07	0.68870
9 28 4 8 1 o	466.2528	457.5797	0.90	0.68870
18 13 1 8 1 o	7.3215	7.1637	358.40	0.68853
13 29 0 4 1 o	2840.3167	2785.6038	180.63	0.68844
18 14 0 4 1 o	98.0153	95.9108	1.40	0.68839
19 4 1 8 1 o	16.7550	16.3787	0.41	0.68830

6 37 1 8 1 o	600.0303	588.2130	0.60	0.68828
4 23 6 8 1 o	23.2372	22.8008	181.82	0.68822
10 32 2 8 1 o	41.4913	40.6485	180.42	0.68815
7 7 7 8 1 o	629.6293	616.8762	180.73	0.68813
12 29 2 8 1 o	407.3878	398.9394	180.99	0.68811
14 25 2 8 1 o	336.3710	329.1373	180.70	0.68801
0 39 1 4 1 o	12.2861	12.0150	3.82	0.68780
5 28 5 8 1 o	699.3465	683.8162	180.93	0.68773
12 17 5 8 1 o	11.9983	11.7196	1.23	0.68764
3 33 4 8 1 o	212.4591	207.4956	0.83	0.68752
12 0 6 4 1 o	305.6060	298.3112	1.84	0.68737
0 38 2 4 1 o	311.8248	304.2848	180.77	0.68732
16 22 0 4 1 o	672.1335	655.9122	180.78	0.68730
2 36 3 8 1 o	13.1178	12.7929	0.91	0.68719
5 32 4 8 1 o	17.7904	17.3462	178.67	0.68717
12 1 6 8 1 o	4.1465	4.0463	359.78	0.68715
12 23 4 8 1 o	23.6757	23.0922	0.37	0.68708
11 25 4 8 1 o	11.6563	11.3661	179.78	0.68703
8 25 5 8 1 o	2666.4727	2599.0205	0.54	0.68698
6 36 2 8 1 o	109.9199	107.1120	0.68	0.68691
1 39 1 8 1 o	585.5286	570.6193	0.92	0.68688
19 7 0 4 1 o	246.0237	240.0185	0.31	0.68683
16 8 4 8 1 o	252.8484	246.7622	180.51	0.68681
1 16 7 8 1 o	12.4795	12.1212	0.66	0.68654
12 2 6 8 1 o	522.8208	510.1653	180.70	0.68648
17 18 1 8 1 o	26.2804	25.6243	180.19	0.68646
11 10 6 8 1 o	149.8251	146.1371	0.65	0.68643
1 38 2 8 1 o	868.9211	846.2686	0.59	0.68640
10 30 3 8 1 o	62.6420	61.0212	0.88	0.68639
7 20 6 8 1 o	3.5117	3.4193	358.85	0.68636
19 5 1 8 1 o	0.2074	0.2024	358.16	0.68630
11 32 1 8 1 o	18.3137	17.8374	1.69	0.68632
18 10 2 8 1 o	268.3850	261.9677	0.77	0.68627
15 14 4 8 1 o	994.0328	970.5257	180.79	0.68616
3 15 7 8 1 o	689.2792	669.9122	0.98	0.68603
4 14 7 8 1 o	1284.5262	1249.1208	0.87	0.68600
14 9 5 8 1 o	286.8408	280.4942	1.11	0.68577
12 3 6 8 1 o	238.1548	233.2735	180.26	0.68538
3 39 0 4 1 o	609.8300	596.4453	0.91	0.68535
16 16 3 8 1 o	44.1870	43.3212	1.01	0.68520
13 14 5 8 1 o	507.4093	497.5085	180.47	0.68520
10 22 5 8 1 o	0.5328	0.5227	0.45	0.68503
8 1 7 8 1 o	0.6644	0.6523	183.64	0.68494
7 8 7 8 1 o	158.9862	156.2765	0.99	0.68482
17 11 3 8 1 o	0.4577	0.4506	3.79	0.68468
15 25 0 4 1 o	22.4065	22.0670	183.06	0.68466
14 18 4 8 1 o	173.2807	170.7892	180.58	0.68456
10 14 6 8 1 o	97.9756	96.6065	180.10	0.68454
9 35 0 4 1 o	813.7318	802.6652	0.90	0.68454
8 36 0 4 1 o	1347.3252	1329.8883	181.12	0.68449
11 20 5 8 1 o	1.8267	1.8063	352.77	0.68428
8 2 7 8 1 o	181.0189	179.0871	0.50	0.68428
3 24 6 8 1 o	290.5729	287.8293	180.83	0.68428
6 11 7 8 1 o	153.9443	152.6242	180.77	0.68419

1 30 5 8 1 o	77.8413	77.2118	0.85	0.68418
17 19 0 4 1 o	187.7384	185.9295	1.08	0.68413
2 39 1 8 1 o	0.7172	0.7111	187.33	0.68413
17 16 2 8 1 o	1574.1891	1559.7865	0.85	0.68401
19 6 1 8 1 o	511.4736	507.0624	180.95	0.68389
12 4 6 8 1 o	0.1025	0.1016	197.02	0.68385
2 16 7 8 1 o	21.1130	21.0947	181.55	0.68379
12 27 3 8 1 o	1822.9492	1815.0283	1.07	0.68372
13 25 3 8 1 o	7.7857	7.7493	180.60	0.68371
5 13 7 8 1 o	126.0574	125.9094	0.62	0.68370
2 38 2 8 1 o	494.7788	493.4977	0.90	0.68366
5 35 3 8 1 o	0.9339	0.9326	1.53	0.68358
13 21 4 8 1 o	1.9147	1.9064	184.40	0.68355
4 29 5 8 1 o	0.1921	0.1924	162.24	0.68343
10 27 4 8 1 o	0.0014	0.0014	316.06	0.68338
8 3 7 8 1 o	63.6371	63.6948	179.66	0.68319
16 9 4 8 1 o	413.1255	411.4790	0.41	0.68308
11 31 2 8 1 o	13.2976	13.3548	179.21	0.68278
13 29 1 8 1 o	2333.4543	2344.3433	180.73	0.68264
3 36 3 8 1 o	981.5965	987.5878	180.89	0.68263
18 14 1 8 1 o	285.0027	285.1186	180.87	0.68259
15 23 2 8 1 o	72.5070	72.7006	180.74	0.68258
16 20 2 8 1 o	526.1152	526.9782	181.12	0.68257
14 27 1 8 1 o	37.6767	37.8423	181.32	0.68255
10 34 0 4 1 o	2583.2375	2598.8098	0.65	0.68234
9 24 5 8 1 o	1149.2312	1154.8809	0.81	0.68221
7 37 0 4 1 o	318.6473	320.4900	181.35	0.68218
15 20 3 8 1 o	263.6730	264.0208	181.12	0.68194
12 5 6 8 1 o	12.0650	12.0594	1.07	0.68189
5 38 1 8 1 o	425.4180	427.4466	0.61	0.68186
11 11 6 8 1 o	595.3941	595.8704	0.66	0.68183
18 11 2 8 1 o	361.1631	360.8423	180.30	0.68169
8 4 7 8 1 o	382.6690	383.8615	0.97	0.68167
14 10 5 8 1 o	264.1739	263.7311	1.33	0.68163
16 22 1 8 1 o	127.5275	127.6909	359.95	0.68152
9 17 6 8 1 o	1302.8583	1305.3762	0.74	0.68151
2 30 5 8 1 o	0.3601	0.3620	183.78	0.68146
8 19 6 8 1 o	66.0343	66.1072	180.95	0.68124
4 33 4 8 1 o	43.2579	43.3280	180.64	0.68114
7 9 7 8 1 o	470.4597	470.7825	181.23	0.68112
19 7 1 8 1 o	1567.9038	1562.9326	180.63	0.68107
0 34 4 4 1 o	93.5062	93.6124	0.27	0.68106
5 37 2 8 1 o	780.2088	779.6967	0.80	0.68097
1 25 6 8 1 o	1.7177	1.7195	2.07	0.68087
0 17 7 4 1 o	127.5140	126.7272	0.66	0.68025
11 29 3 8 1 o	97.4407	96.6799	0.94	0.68020
14 23 3 8 1 o	472.2710	468.4908	1.11	0.68015
1 34 4 8 1 o	257.3309	255.2605	180.89	0.68016
5 23 6 8 1 o	909.6095	900.8818	1.21	0.68003
12 18 5 8 1 o	23.0268	22.8220	179.43	0.68000
19 9 0 4 1 o	47.2146	46.7731	180.27	0.67986
15 15 4 8 1 o	11.4347	11.3283	178.87	0.67985
6 22 6 8 1 o	66.2572	65.5040	1.19	0.67986
8 5 7 8 1 o	740.9508	732.3492	0.55	0.67973

17 12 3 8 1 o	1140.3159	1129.2000	1.01	0.67970
4 15 7 8 1 o	2.2043	2.1742	177.89	0.67969
3 39 1 8 1 o	732.0062	722.7924	180.57	0.67962
12 6 6 8 1 o	1323.5282	1309.6781	0.72	0.67952
1 17 7 8 1 o	224.2944	220.3658	0.83	0.67936
3 16 7 8 1 o	15.6606	15.3908	181.01	0.67929
6 12 7 8 1 o	779.8118	767.6076	1.07	0.67921
12 31 1 8 1 o	20.6449	20.3479	0.71	0.67920
3 38 2 8 1 o	239.8505	236.3421	180.94	0.67916
18 1 3 8 1 o	642.1600	635.7584	180.91	0.67912
7 31 4 8 1 o	78.4074	77.2313	0.95	0.67913
16 10 4 8 1 o	414.9482	410.7578	0.63	0.67898
15 25 1 8 1 o	93.6491	92.3891	2.51	0.67895
13 15 5 8 1 o	5.4531	5.3933	5.36	0.67891
9 35 1 8 1 o	25.0507	24.6935	182.13	0.67883
8 30 4 8 1 o	0.3485	0.3436	10.69	0.67882
8 36 1 8 1 o	162.2535	159.9724	181.12	0.67878
18 2 3 8 1 o	1.3601	1.3486	183.98	0.67848
17 19 1 8 1 o	820.9143	812.6657	180.83	0.67843
10 15 6 8 1 o	15.1166	14.9787	182.41	0.67827
2 25 6 8 1 o	11.4618	11.3422	1.49	0.67819
16 17 3 8 1 o	302.0735	300.0468	0.98	0.67807
4 24 6 8 1 o	531.6410	527.8879	0.81	0.67799
7 27 5 8 1 o	245.5542	243.9481	1.29	0.67796
11 33 0 4 1 o	1385.7289	1376.9249	0.98	0.67795
8 33 3 8 1 o	104.8470	104.2409	1.63	0.67791
5 14 7 8 1 o	7.7643	7.7230	359.14	0.67788
13 28 2 8 1 o	51.8010	51.5239	359.91	0.67787
19 8 1 8 1 o	359.4745	357.7000	180.57	0.67785
6 28 5 8 1 o	402.3626	400.8730	1.10	0.67777
6 38 0 4 1 o	568.5067	566.7872	0.48	0.67770
2 34 4 8 1 o	546.7756	547.1965	0.67	0.67749
7 21 6 8 1 o	825.8366	826.1819	0.92	0.67748
18 3 3 8 1 o	92.4139	92.2119	180.85	0.67741
8 6 7 8 1 o	1209.9301	1210.8951	180.94	0.67739
6 32 4 8 1 o	27.0762	27.1854	359.04	0.67724
14 11 5 8 1 o	599.2943	599.4214	180.97	0.67713
7 10 7 8 1 o	172.1206	173.1206	0.69	0.67705
8 35 2 8 1 o	1792.0336	1802.1544	0.67	0.67704
3 30 5 8 1 o	360.0298	363.1125	181.03	0.67701
15 1 5 8 1 o	86.6170	86.6278	1.29	0.67697
14 26 2 8 1 o	280.1208	281.4842	0.78	0.67694
7 34 3 8 1 o	1.2327	1.2413	1.60	0.67694
17 17 2 8 1 o	2501.2300	2508.4778	0.69	0.67691
11 12 6 8 1 o	39.4916	39.6150	1.33	0.67691
12 24 4 8 1 o	196.9050	197.7808	180.62	0.67690
18 12 2 8 1 o	13.4054	13.4438	179.18	0.67676
12 7 6 8 1 o	1.1982	1.2017	183.91	0.67675
2 17 7 8 1 o	287.4090	291.7126	180.36	0.67670
10 34 1 8 1 o	41.7918	42.1548	0.50	0.67668
9 32 3 8 1 o	1606.6302	1620.2427	180.77	0.67668
9 34 2 8 1 o	1083.7642	1093.2269	0.70	0.67667
14 19 4 8 1 o	46.0238	46.2279	183.08	0.67659
7 37 1 8 1 o	780.3738	787.6619	0.69	0.67653

14 28 0 4 1 o	110.3160	111.2867	181.27	0.67642
18 15 1 8 1 o	152.2060	152.9895	180.57	0.67637
0 40 0 2 1 o	762.8200	769.6866	0.48	0.67640
4 36 3 8 1 o	42.1975	42.6429	180.86	0.67638
15 2 5 8 1 o	763.4030	765.1260	0.74	0.67634
9 29 4 8 1 o	0.5049	0.5097	178.53	0.67632
11 26 4 8 1 o	471.5694	475.2445	180.65	0.67600
8 26 5 8 1 o	817.7778	825.5370	180.70	0.67596
18 4 3 8 1 o	17.0197	17.0682	180.34	0.67593
11 21 5 8 1 o	685.9041	689.4663	0.72	0.67548
18 16 0 4 1 o	1648.7131	1655.4528	0.74	0.67540
5 29 5 8 1 o	31.5905	31.8357	181.71	0.67540
10 23 5 8 1 o	5.5902	5.6197	2.19	0.67536
12 30 2 8 1 o	331.6830	333.6345	180.49	0.67535
15 3 5 8 1 o	9.5350	9.5511	359.62	0.67529
7 36 2 8 1 o	587.1990	590.5672	180.94	0.67523
0 37 3 4 1 o	98.1423	98.6125	179.46	0.67503
19 0 2 4 1 o	552.2060	552.5482	0.88	0.67465
8 7 7 8 1 o	43.4577	43.5595	2.04	0.67464
16 11 4 8 1 o	271.9030	272.0010	1.06	0.67454
19 1 2 8 1 o	582.5417	582.6414	180.27	0.67444
17 13 3 8 1 o	9.6085	9.6109	180.26	0.67440
13 22 4 8 1 o	176.5364	176.6896	0.97	0.67436
19 9 1 8 1 o	311.8223	311.8499	181.17	0.67426
1 37 3 8 1 o	8.9948	9.0074	179.14	0.67416
10 33 2 8 1 o	1536.8119	1538.7017	0.73	0.67412
9 18 6 8 1 o	553.0813	553.5648	180.80	0.67407
18 5 3 8 1 o	0.0394	0.0393	250.08	0.67404
6 13 7 8 1 o	77.8947	78.0029	359.84	0.67392
16 21 2 8 1 o	385.5515	385.6346	181.02	0.67383
19 2 2 8 1 o	814.3840	813.7064	0.72	0.67381
15 4 5 8 1 o	161.7876	161.5814	179.95	0.67382
6 35 3 8 1 o	390.9252	391.4037	180.43	0.67381
3 25 6 8 1 o	0.1962	0.1965	352.20	0.67380
12 8 6 8 1 o	95.7369	95.6730	180.79	0.67360
4 39 1 8 1 o	8.2241	8.2362	178.62	0.67346
15 16 4 8 1 o	144.1896	144.0640	182.25	0.67329
10 31 3 8 1 o	82.3279	82.4682	180.73	0.67330
15 21 3 8 1 o	4.4193	4.4196	359.19	0.67323
5 33 4 8 1 o	0.0180	0.0181	193.23	0.67320
4 16 7 8 1 o	94.1332	94.5230	1.19	0.67314
3 34 4 8 1 o	159.9026	160.3889	179.98	0.67312
4 38 2 8 1 o	25.7565	25.8221	181.49	0.67301
8 20 6 8 1 o	282.1843	282.8680	180.85	0.67298
2 40 0 4 1 o	400.0591	400.9937	0.34	0.67291
13 26 3 8 1 o	245.6668	245.9968	1.40	0.67284
19 3 2 8 1 o	406.7106	405.8268	181.39	0.67277
7 11 7 8 1 o	47.5615	47.7222	181.61	0.67265
15 24 2 8 1 o	411.2561	411.6535	0.76	0.67259
11 33 1 8 1 o	1750.8220	1755.6768	180.83	0.67240
13 16 5 8 1 o	39.6433	39.5714	181.93	0.67238
3 17 7 8 1 o	60.6863	61.1288	181.23	0.67234
14 12 5 8 1 o	0.3336	0.3325	10.08	0.67230
12 19 5 8 1 o	0.5986	0.5977	178.17	0.67219

6 38 1 8 1 o	24.8381	24.8863	2.01	0.67216
0 31 5 4 1 o	197.0704	197.9658	0.67	0.67207
12 28 3 8 1 o	27.0519	27.0520	180.18	0.67202
16 23 1 8 1 o	221.6197	221.3859	180.94	0.67199
1 18 7 8 1 o	20.7629	20.9055	0.84	0.67198
15 5 5 8 1 o	341.7087	339.5753	0.86	0.67195
9 25 5 8 1 o	690.9109	690.3896	180.74	0.67183
5 15 7 8 1 o	42.2975	42.4027	180.99	0.67180
18 6 3 8 1 o	102.5948	101.8546	1.05	0.67175
10 16 6 8 1 o	830.3669	827.8120	0.72	0.67176
10 28 4 8 1 o	0.0236	0.0235	217.92	0.67170
11 13 6 8 1 o	89.5982	89.1461	0.37	0.67167
2 37 3 8 1 o	174.0241	173.6649	181.11	0.67156
18 13 2 8 1 o	443.6460	440.3687	180.28	0.67153
8 8 7 8 1 o	2370.1790	2361.1360	0.65	0.67152
12 32 0 4 1 o	493.6382	491.9567	0.59	0.67150
19 11 0 4 1 o	149.7462	148.5463	0.47	0.67143
19 4 2 8 1 o	17.0768	16.8989	0.81	0.67132
6 37 2 8 1 o	368.1447	366.0502	181.07	0.67130
1 31 5 8 1 o	128.2549	127.6160	0.67	0.67121
5 39 0 4 1 o	691.7186	686.3270	181.05	0.67116
17 0 4 4 1 o	137.1577	135.3657	180.51	0.67113
0 26 6 4 1 o	3.7454	3.7162	186.58	0.67099
17 1 4 8 1 o	452.2922	445.4801	0.63	0.67092
14 28 1 8 1 o	55.9721	55.3203	2.39	0.67091
4 30 5 8 1 o	60.8570	60.2384	0.94	0.67092
16 18 3 8 1 o	55.0029	54.1492	180.53	0.67073
6 23 6 8 1 o	111.1166	109.0047	1.09	0.67040
19 10 1 8 1 o	124.5791	121.9964	180.53	0.67032
17 2 4 8 1 o	1335.2957	1306.6429	180.94	0.67031
14 24 3 8 1 o	6.6392	6.4997	181.24	0.67027
17 20 1 8 1 o	3.2727	3.2035	0.78	0.67026
13 30 1 8 1 o	8.1890	8.0048	1.67	0.67017
5 24 6 8 1 o	334.7343	327.0330	0.41	0.67015
1 26 6 8 1 o	239.9211	234.2752	180.40	0.67013
12 9 6 8 1 o	128.3447	125.3198	180.17	0.67007
1 40 1 8 1 o	159.5565	155.6692	0.64	0.67003
1 39 2 8 1 o	70.0384	68.2966	180.91	0.67000
18 16 1 8 1 o	81.0608	79.0105	180.98	0.66991
9 1 7 8 1 o	157.2181	153.1990	0.66	0.66992
16 12 4 8 1 o	50.5449	49.1788	179.75	0.66977
15 6 5 8 1 o	112.2612	109.1259	181.01	0.66968
17 18 2 8 1 o	135.3308	131.4583	0.69	0.66961
19 5 2 8 1 o	32.8294	31.8443	0.72	0.66947
11 32 2 8 1 o	227.9264	220.8364	0.27	0.66948
2 18 7 8 1 o	73.3890	70.9073	0.91	0.66941
9 2 7 8 1 o	53.7916	52.0540	0.79	0.66930
17 3 4 8 1 o	1.4407	1.3951	355.36	0.66928
18 7 3 8 1 o	2734.4678	2642.6758	180.65	0.66908
17 14 3 8 1 o	8.2505	7.9534	356.66	0.66881
2 31 5 8 1 o	52.4260	50.3943	180.06	0.66865
5 36 3 8 1 o	582.1613	559.6116	0.84	0.66860
7 22 6 8 1 o	1.1513	1.1062	357.40	0.66853
14 20 4 8 1 o	3.9992	3.8441	358.08	0.66849

6 14 7 8 1 o	1211.5269	1162.2218	180.95	0.66835
15 26 1 8 1 o	61.5003	58.9902	181.03	0.66830
9 3 7 8 1 o	399.2807	382.9716	1.26	0.66828
8 9 7 8 1 o	1157.4191	1107.2297	0.65	0.66803
7 12 7 8 1 o	171.3806	163.7342	0.72	0.66792
17 4 4 8 1 o	59.1571	56.5481	181.66	0.66785
11 30 3 8 1 o	693.0670	661.8071	181.05	0.66786
4 25 6 8 1 o	98.7573	94.1948	180.94	0.66779
16 24 0 4 1 o	399.7710	381.3872	0.57	0.66776
2 26 6 8 1 o	136.1535	129.4565	1.51	0.66758
2 40 1 8 1 o	272.9794	259.4233	0.81	0.66748
2 39 2 8 1 o	68.9177	65.4582	1.06	0.66745
17 21 0 4 1 o	350.6765	332.7190	181.85	0.66728
3 37 3 8 1 o	2.8752	2.7245	181.37	0.66730
19 6 2 8 1 o	226.9470	215.5077	0.74	0.66722
14 13 5 8 1 o	784.8145	744.7305	180.66	0.66717
4 34 4 8 1 o	284.9615	269.2628	0.68	0.66713
15 7 5 8 1 o	250.1638	237.1865	1.58	0.66703
9 4 7 8 1 o	63.9878	60.3964	180.34	0.66686
12 25 4 8 1 o	29.2359	27.5653	178.60	0.66676
11 22 5 8 1 o	12.9013	12.1475	180.62	0.66661
7 28 5 8 1 o	130.1742	122.1723	1.12	0.66655
15 17 4 8 1 o	237.0028	223.3907	180.27	0.66652
9 19 6 8 1 o	39.9300	37.5103	1.19	0.66646
4 17 7 8 1 o	150.2957	140.4644	0.45	0.66637
12 10 6 8 1 o	0.4608	0.4332	358.72	0.66620
11 14 6 8 1 o	4.3352	4.0699	185.92	0.66615
8 31 4 8 1 o	54.7510	51.2433	1.35	0.66615
12 32 1 8 1 o	13.4927	12.6284	180.26	0.66611
13 29 2 8 1 o	134.2785	125.7344	181.05	0.66606
19 11 1 8 1 o	1301.0382	1221.7961	180.57	0.66604
18 8 3 8 1 o	4.7076	4.4256	183.15	0.66603
17 5 4 8 1 o	226.7347	213.2797	0.58	0.66603
7 32 4 8 1 o	19.2926	18.0372	181.91	0.66604
18 14 2 8 1 o	1.2103	1.1363	178.76	0.66601
14 27 2 8 1 o	698.6345	654.1173	0.58	0.66598
6 29 5 8 1 o	252.3143	235.6495	180.82	0.66597
1 35 4 8 1 o	1.0395	0.9698	179.12	0.66580
5 39 1 8 1 o	132.7269	123.9866	180.31	0.66578
10 24 5 8 1 o	1214.1624	1134.7102	180.74	0.66568
13 17 5 8 1 o	1.3040	1.2209	352.86	0.66564
5 16 7 8 1 o	15.4661	14.3938	1.61	0.66547
13 0 6 4 1 o	488.1021	456.9046	1.12	0.66538
5 38 2 8 1 o	716.3676	667.5262	0.60	0.66534
0 19 7 4 1 o	11.0704	10.2793	180.22	0.66528
13 1 6 8 1 o	40.1094	37.5031	177.59	0.66518
3 18 7 8 1 o	31.2170	28.9885	0.71	0.66519
13 23 4 8 1 o	292.9236	273.1868	180.64	0.66513
11 27 4 8 1 o	265.5056	247.3287	180.60	0.66509
8 27 5 8 1 o	1809.7815	1683.8110	0.84	0.66505
9 5 7 8 1 o	31.0580	28.9349	180.01	0.66504
16 22 2 8 1 o	24.6940	23.0161	181.07	0.66502
10 17 6 8 1 o	7.4268	6.9198	177.97	0.66503
16 13 4 8 1 o	416.8691	388.7309	179.97	0.66469

19 7 2 8 1 o	27.6980	25.8158	179.66	0.66460
8 21 6 8 1 o	292.1928	271.2577	1.24	0.66460
13 2 6 8 1 o	205.0058	191.0647	180.82	0.66458
15 22 3 8 1 o	30.6700	28.5048	359.30	0.66444
1 19 7 8 1 o	419.1258	387.4528	0.48	0.66444
3 31 5 8 1 o	105.2286	97.4386	360.00	0.66444
12 20 5 8 1 o	192.4091	178.6347	1.17	0.66424
8 10 7 8 1 o	881.0506	816.3974	0.82	0.66419
9 30 4 8 1 o	1.5651	1.4499	13.92	0.66419
9 36 1 8 1 o	165.4543	153.2103	0.82	0.66415
8 34 3 8 1 o	3.4865	3.2272	178.81	0.66408
15 8 5 8 1 o	497.2572	462.3170	0.76	0.66401
6 33 4 8 1 o	0.4164	0.3848	164.29	0.66385
17 6 4 8 1 o	42.9886	39.9448	0.11	0.66382
8 37 1 8 1 o	105.1776	97.1515	180.58	0.66370
13 3 6 8 1 o	411.0491	381.0849	0.99	0.66358
3 26 6 8 1 o	20.1647	18.5484	0.82	0.66339
9 33 3 8 1 o	16.1856	14.9146	1.80	0.66333
5 30 5 8 1 o	719.8637	662.5368	1.11	0.66332
2 35 4 8 1 o	2524.7021	2323.7253	180.71	0.66330
3 40 1 8 1 o	78.7193	72.5323	180.94	0.66329
18 17 1 8 1 o	43.5240	40.1910	181.14	0.66324
3 39 2 8 1 o	255.8500	235.6347	0.84	0.66326
16 19 3 8 1 o	481.3831	444.6836	180.86	0.66323
13 31 0 4 1 o	1128.3915	1038.6515	180.52	0.66316
20 0 0 2 1 o	1728.4691	1597.1478	1.02	0.66304
17 15 3 8 1 o	4.0194	3.7108	180.97	0.66296
15 27 0 4 1 o	204.8169	188.3300	0.85	0.66294
7 13 7 8 1 o	36.4625	33.4693	180.98	0.66289
12 31 2 8 1 o	4.2576	3.9111	183.58	0.66287
9 6 7 8 1 o	2.7197	2.5010	181.73	0.66284
7 35 3 8 1 o	14.6273	13.4178	0.16	0.66278
4 40 0 4 1 o	11.9922	11.0044	179.21	0.66275
15 25 2 8 1 o	287.5654	264.0866	180.71	0.66263
18 9 3 8 1 o	9.3900	8.6652	358.66	0.66262
10 35 1 8 1 o	298.3271	273.2051	0.79	0.66253
9 35 2 8 1 o	84.7437	77.6013	0.79	0.66252
6 15 7 8 1 o	19.4911	17.8191	0.33	0.66251
8 36 2 8 1 o	985.5748	902.1456	180.80	0.66248
16 24 1 8 1 o	11.0841	10.1663	176.83	0.66246
20 2 0 4 1 o	99.5174	91.5882	1.04	0.66225
13 4 6 8 1 o	293.9210	270.5741	180.78	0.66219
17 19 2 8 1 o	646.5024	593.2192	0.55	0.66215
13 27 3 8 1 o	19.1482	17.5181	2.44	0.66207
12 11 6 8 1 o	32.5318	29.8704	0.94	0.66200
17 21 1 8 1 o	13.7551	12.5959	358.60	0.66199
2 19 7 8 1 o	452.6466	410.5707	0.52	0.66196
14 14 5 8 1 o	41.5647	38.1818	1.65	0.66176
19 13 0 4 1 o	6.0587	5.5562	179.64	0.66172
19 8 2 8 1 o	176.9899	162.6621	1.01	0.66161
18 18 0 4 1 o	109.5555	100.2630	0.86	0.66153
9 26 5 8 1 o	123.6623	112.6940	180.71	0.66151
19 12 1 8 1 o	513.6990	471.1722	180.96	0.66145
4 37 3 8 1 o	41.0254	37.3243	181.08	0.66146

17 7 4 8 1 o	28.9241	26.6377	359.95	0.66124
7 38 1 8 1 o	36.6416	33.3506	0.21	0.66121
6 24 6 8 1 o	3.6431	3.3087	2.50	0.66093
15 9 5 8 1 o	158.6161	146.2380	180.61	0.66063
10 32 3 8 1 o	16.0309	14.6362	359.28	0.66054
10 34 2 8 1 o	0.1900	0.1734	176.03	0.66053
12 29 3 8 1 o	1030.8843	942.6101	180.79	0.66051
14 25 3 8 1 o	14.1247	12.9496	3.52	0.66042
13 5 6 8 1 o	239.5520	220.8947	0.63	0.66041
7 37 2 8 1 o	1.7909	1.6362	183.09	0.66039
11 15 6 8 1 o	1085.7521	997.2822	0.98	0.66037
5 25 6 8 1 o	86.1944	78.5837	0.81	0.66030
14 21 4 8 1 o	54.4913	50.1224	179.75	0.66028
9 7 7 8 1 o	920.4650	844.3339	0.50	0.66027
18 15 2 8 1 o	1503.7042	1385.6790	0.90	0.66024
10 29 4 8 1 o	108.0670	99.0353	1.13	0.66020
8 11 7 8 1 o	28.7811	26.4225	1.72	0.66003
20 4 0 4 1 o	141.5297	131.0270	359.64	0.65988
5 34 4 8 1 o	82.5763	76.0419	1.20	0.65966
15 18 4 8 1 o	705.7864	655.0918	0.84	0.65955
7 23 6 8 1 o	317.2332	292.7180	181.39	0.65953
1 27 6 8 1 o	16.1850	14.9042	0.13	0.65950
14 29 1 8 1 o	271.5219	251.2322	0.84	0.65945
6 36 3 8 1 o	60.5063	55.9259	0.84	0.65944
4 18 7 8 1 o	125.7839	116.0140	181.10	0.65941
16 14 4 8 1 o	408.2530	380.3430	0.68	0.65934
3 35 4 8 1 o	606.4005	562.2449	0.84	0.65919
1 41 0 4 1 o	548.0332	509.7168	0.72	0.65909
1 38 3 8 1 o	160.6671	149.5115	179.99	0.65899
5 17 7 8 1 o	17.9547	16.7042	1.56	0.65892
11 34 1 8 1 o	72.8994	67.9596	180.32	0.65891
18 10 3 8 1 o	30.9566	29.0158	181.02	0.65888
9 20 6 8 1 o	114.3190	106.9680	1.00	0.65871
13 18 5 8 1 o	106.9973	100.3500	180.02	0.65869
4 31 5 8 1 o	608.7062	568.9156	0.48	0.65868
1 32 5 8 1 o	78.7027	73.6783	180.49	0.65857
0 0 8 2 1 o	5529.6494	5187.5859	180.74	0.65839
17 8 4 8 1 o	727.1309	686.8828	180.73	0.65829
19 9 2 8 1 o	3.4697	3.2755	358.58	0.65828
13 6 6 8 1 o	258.3703	243.9783	0.91	0.65826
10 18 6 8 1 o	4369.2544	4125.1128	0.96	0.65811
13 31 1 8 1 o	29.1393	27.5399	181.55	0.65797
3 19 7 8 1 o	412.4089	389.8299	180.26	0.65787
15 27 1 8 1 o	535.0070	507.1064	180.82	0.65775
11 23 5 8 1 o	22.3710	21.2287	0.91	0.65768
20 1 1 8 1 o	33.6706	32.0238	1.47	0.65766
4 26 6 8 1 o	95.4144	90.4244	359.57	0.65765
0 2 8 4 1 o	71.8598	68.0821	1.22	0.65761
1 0 8 4 1 o	3343.9568	3169.0405	0.68	0.65758
7 14 7 8 1 o	43.5350	41.3114	1.29	0.65758
4 40 1 8 1 o	185.0907	175.7333	181.33	0.65756
4 39 2 8 1 o	706.7510	671.1580	180.74	0.65753
12 12 6 8 1 o	698.3202	664.8602	180.84	0.65749
1 1 8 8 1 o	127.2948	120.8162	180.38	0.65739

9 8 7 8 1 o	787.4998	749.9547	0.66	0.65734
20 2 1 8 1 o	144.5964	138.4546	180.59	0.65707
2 27 6 8 1 o	14.4357	13.7491	181.19	0.65706
15 10 5 8 1 o	53.0807	50.9412	1.91	0.65692
17 16 3 8 1 o	335.7592	322.0784	180.73	0.65688
1 2 8 8 1 o	210.1034	200.2762	0.71	0.65681
1 20 7 8 1 o	8.7840	8.3821	0.88	0.65677
6 39 1 8 1 o	493.8256	472.9316	0.48	0.65674
12 26 4 8 1 o	23.0656	22.1383	0.71	0.65666
19 13 1 8 1 o	10.4555	10.0672	0.05	0.65656
2 38 3 8 1 o	0.0004	0.0004	75.93	0.65656
11 33 2 8 1 o	547.8146	525.9507	0.68	0.65654
6 16 7 8 1 o	164.2054	157.6600	180.89	0.65644
18 18 1 8 1 o	30.1663	29.1018	179.23	0.65637
6 38 2 8 1 o	294.5069	283.5886	0.68	0.65632
12 21 5 8 1 o	580.2228	561.1539	0.63	0.65619
16 23 2 8 1 o	498.3832	482.0476	0.79	0.65616
8 22 6 8 1 o	34.2573	33.0829	180.81	0.65614
2 32 5 8 1 o	378.4491	364.8612	0.77	0.65614
20 3 1 8 1 o	56.8767	55.1721	0.73	0.65611
14 15 5 8 1 o	219.4418	212.8256	1.17	0.65610
10 25 5 8 1 o	52.6424	50.9829	180.16	0.65602
20 6 0 4 1 o	110.1515	107.0222	1.54	0.65599
13 24 4 8 1 o	1006.1589	977.8967	180.99	0.65588
1 3 8 8 1 o	41.6980	40.3374	0.66	0.65584
11 31 3 8 1 o	77.4685	75.3270	0.60	0.65578
13 7 6 8 1 o	46.4438	45.3231	2.16	0.65574
15 23 3 8 1 o	31.4049	30.6827	0.79	0.65561
16 20 3 8 1 o	125.0269	122.2214	180.59	0.65560
8 12 7 8 1 o	1168.6931	1141.4896	181.04	0.65556
7 29 5 8 1 o	0.3231	0.3172	15.42	0.65531
0 4 8 4 1 o	446.5903	438.0215	0.53	0.65529
2 0 8 4 1 o	4996.7314	4918.5845	0.91	0.65517
14 28 2 8 1 o	71.2272	70.1972	0.30	0.65515
0 40 2 4 1 o	35.2523	34.7533	359.52	0.65514
17 9 4 8 1 o	59.4717	58.8229	0.36	0.65501
9 37 0 4 1 o	124.8316	123.4110	180.34	0.65501
2 1 8 8 1 o	555.4235	549.6781	0.77	0.65498
18 11 3 8 1 o	2249.8855	2233.0020	180.72	0.65482
20 4 1 8 1 o	17.4161	17.3031	0.73	0.65476
0 41 1 4 1 o	1.7463	1.7353	3.40	0.65478
19 10 2 8 1 o	387.6666	386.2670	180.94	0.65461
17 20 2 8 1 o	548.3721	547.1884	1.18	0.65455
1 4 8 8 1 o	669.9612	671.4706	0.66	0.65450
13 30 2 8 1 o	33.8547	33.8656	1.22	0.65446
2 2 8 8 1 o	149.5850	150.2148	180.83	0.65440
6 30 5 8 1 o	54.2217	54.3788	181.65	0.65437
11 16 6 8 1 o	131.2556	131.4675	180.46	0.65436
2 20 7 8 1 o	7.2397	7.2733	3.47	0.65436
1 40 2 8 1 o	321.7263	322.7401	180.39	0.65434
11 28 4 8 1 o	32.6018	32.7080	181.90	0.65431
8 28 5 8 1 o	241.8103	242.9270	180.76	0.65427
18 16 2 8 1 o	1750.1592	1756.4414	0.69	0.65423
10 1 7 8 1 o	80.7360	81.0390	0.46	0.65424

8 38 0 4 1 o	154.7314	155.6279	180.47	0.65420
5 37 3 8 1 o	51.6558	51.9888	180.24	0.65418
9 9 7 8 1 o	5733.1445	5775.4072	0.75	0.65407
1 41 1 8 1 o	6.3160	6.3756	1.56	0.65399
10 36 0 4 1 o	2568.1033	2598.9504	1.04	0.65385
8 32 4 8 1 o	36.9213	37.4026	1.47	0.65379
16 15 4 8 1 o	61.0614	61.7577	182.13	0.65374
10 2 7 8 1 o	0.0250	0.0254	142.81	0.65367
17 22 1 8 1 o	0.1262	0.1280	358.22	0.65363
4 35 4 8 1 o	997.1238	1013.7936	1.43	0.65356
2 3 8 8 1 o	19.9733	20.3654	1.32	0.65345
12 33 1 8 1 o	131.7616	134.2803	1.35	0.65336
7 33 4 8 1 o	37.5909	38.3472	0.83	0.65330
14 30 0 4 1 o	394.7236	403.3803	180.18	0.65316
20 5 1 8 1 o	37.5954	38.4353	0.23	0.65304
3 27 6 8 1 o	282.7669	289.4249	1.09	0.65307
16 25 1 8 1 o	2.6182	2.6836	184.69	0.65294
15 11 5 8 1 o	426.7524	437.2137	1.24	0.65289
13 8 6 8 1 o	3.8655	3.9628	180.02	0.65287
1 5 8 8 1 o	10.6381	10.9269	181.13	0.65278
15 26 2 8 1 o	356.5815	366.6976	180.72	0.65272
10 3 7 8 1 o	2.0816	2.1404	181.02	0.65272
0 36 4 4 1 o	908.9899	934.9498	180.71	0.65272
12 13 6 8 1 o	6.6482	6.8375	358.84	0.65269
3 41 0 4 1 o	707.3522	728.2012	180.96	0.65267
3 38 3 8 1 o	497.7334	513.1962	180.85	0.65258
15 19 4 8 1 o	7.9389	8.2031	2.55	0.65241
9 31 4 8 1 o	68.8596	71.3536	180.77	0.65231
4 19 7 8 1 o	0.8923	0.9254	179.91	0.65228
5 18 7 8 1 o	75.2443	78.1852	0.49	0.65219
3 32 5 8 1 o	1060.4459	1102.4193	0.81	0.65216
2 4 8 8 1 o	177.5037	184.7829	180.77	0.65212
7 15 7 8 1 o	46.1700	48.1401	181.71	0.65202
14 22 4 8 1 o	52.1263	54.3083	180.80	0.65198
2 40 2 8 1 o	96.3128	100.5181	180.63	0.65196
1 36 4 8 1 o	6008.0078	6277.0610	180.81	0.65193
2 41 1 8 1 o	91.6703	96.3751	359.92	0.65161
13 19 5 8 1 o	13.5093	14.1792	178.92	0.65159
0 6 8 4 1 o	1395.1406	1476.4816	180.82	0.65148
5 31 5 8 1 o	0.6652	0.7022	357.45	0.65148
6 25 6 8 1 o	56.2353	59.3687	1.18	0.65148
13 28 3 8 1 o	387.6912	408.8509	1.21	0.65143
7 39 0 4 1 o	807.5558	852.3896	1.26	0.65144
19 14 1 8 1 o	8.1649	8.5972	179.67	0.65140
17 10 4 8 1 o	793.3037	834.0424	0.79	0.65139
10 4 7 8 1 o	199.0789	209.9023	180.59	0.65139
9 27 5 8 1 o	1956.1615	2071.2974	180.83	0.65127
3 0 8 4 1 o	271.5310	289.0222	181.16	0.65121
16 1 5 8 1 o	247.6275	261.0957	0.88	0.65118
10 19 6 8 1 o	1.5814	1.6810	2.78	0.65102
3 1 8 8 1 o	1578.7208	1687.2968	0.90	0.65102
20 6 1 8 1 o	2925.6628	3102.5388	180.90	0.65096
19 15 0 4 1 o	2960.7764	3147.1272	0.91	0.65091
6 34 4 8 1 o	16.0159	17.1155	0.25	0.65086

9 21 6 8 1 o	1466.1431	1564.7485	180.88	0.65085
8 13 7 8 1 o	245.5527	262.4218	0.83	0.65080
11 35 0 4 1 o	1509.8762	1616.2072	0.57	0.65073
1 6 8 8 1 o	105.0882	113.1210	1.39	0.65070
8 35 3 8 1 o	1.4458	1.5488	188.78	0.65070
12 32 2 8 1 o	279.2336	299.0437	0.71	0.65068
20 8 0 4 1 o	379.0794	404.2654	0.77	0.65066
19 11 2 8 1 o	136.0586	145.1489	180.35	0.65062
16 2 5 8 1 o	31.4740	33.5033	181.25	0.65062
14 26 3 8 1 o	94.3061	100.9724	0.67	0.65061
17 17 3 8 1 o	10.4949	11.2113	0.96	0.65058
7 24 6 8 1 o	0.7679	0.8258	175.65	0.65051
5 26 6 8 1 o	202.3084	217.8727	180.35	0.65049
9 10 7 8 1 o	46.2599	49.6723	1.13	0.65047
18 12 3 8 1 o	104.7572	112.0208	1.11	0.65045
3 2 8 8 1 o	135.9450	146.8384	180.32	0.65045
2 5 8 8 1 o	263.1102	284.4907	0.84	0.65042
3 20 7 8 1 o	0.0348	0.0376	173.53	0.65042
5 40 1 8 1 o	235.7810	253.7835	0.94	0.65040
5 39 2 8 1 o	934.0661	1006.1186	180.81	0.65037
9 34 3 8 1 o	25.2721	27.2242	0.09	0.65036
14 16 5 8 1 o	25.5305	27.4399	1.60	0.65020
6 17 7 8 1 o	2.3201	2.5119	179.54	0.65015
17 23 0 4 1 o	38.8135	41.9053	2.21	0.65011
9 37 1 8 1 o	132.1806	143.2428	181.51	0.65001
0 28 6 4 1 o	26.1495	28.5369	359.58	0.64976
0 21 7 4 1 o	64.8312	70.8184	1.07	0.64975
10 5 7 8 1 o	393.3216	427.1105	180.88	0.64970
16 3 5 8 1 o	37.8276	40.8594	180.93	0.64968
13 9 6 8 1 o	58.7114	63.5965	180.77	0.64966
2 36 4 8 1 o	63.6190	69.5019	1.50	0.64958
3 3 8 8 1 o	410.6576	450.4614	181.01	0.64952
18 19 1 8 1 o	22.6501	24.7234	1.50	0.64934
8 38 1 8 1 o	154.0126	169.1091	0.22	0.64921
12 30 3 8 1 o	10.8281	11.8798	180.27	0.64919
7 36 3 8 1 o	1180.7130	1299.4635	180.79	0.64909
1 28 6 8 1 o	52.5014	58.1124	180.93	0.64898
1 21 7 8 1 o	901.8949	999.6735	0.92	0.64897
10 30 4 8 1 o	349.6717	385.5915	180.69	0.64890
10 36 1 8 1 o	0.3324	0.3671	2.55	0.64887
9 36 2 8 1 o	2535.7349	2800.6880	0.81	0.64885
11 24 5 8 1 o	445.5937	491.6729	180.85	0.64874
15 12 5 8 1 o	274.1979	301.2627	180.83	0.64856
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8 37 2 8 1 o	203.0362	225.5704	0.74	0.64844
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16 4 5 8 1 o	15.5865	17.1262	358.26	0.64837
2 6 8 8 1 o	932.0739	1044.7488	0.92	0.64836
16 26 0 4 1 o	482.2660	535.3691	180.80	0.64831
1 7 8 8 1 o	20.5316	23.0529	181.02	0.64827
3 4 8 8 1 o	15.7913	17.7152	181.58	0.64821
14 30 1 8 1 o	153.7601	171.0845	180.47	0.64819
11 17 6 8 1 o	1741.7131	1932.0878	0.65	0.64813
10 33 3 8 1 o	1458.3911	1624.9122	180.87	0.64810

3 40 2 8 1 o	22.8066	25.4284 180.02 0.64806
12 22 5 8 1 o	333.6405	370.4655 0.60 0.64804
18 17 2 8 1 o	239.0375	264.9026 180.89 0.64801
16 16 4 8 1 o	33.6997	37.3074 179.14 0.64790
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19 2 3 8 1 o	198.0355	218.7702 180.30 0.64783
3 41 1 8 1 o	256.2905	286.1502 0.25 0.64771
10 6 7 8 1 o	1171.0117	1303.2982 0.93 0.64765
12 14 6 8 1 o	55.3145	61.4617 0.74 0.64762
8 23 6 8 1 o	105.7567	118.1803 180.99 0.64763
4 27 6 8 1 o	3.4564	3.8761 3.34 0.64759
17 11 4 8 1 o	6.2390	6.9137 1.10 0.64746
10 35 2 8 1 o	8.4447	9.4377 0.01 0.64735
15 28 1 8 1 o	202.5761	226.1423 180.92 0.64731
16 24 2 8 1 o	220.8731	246.2206 0.73 0.64728
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19 3 3 8 1 o	2.6732	2.9688 359.60 0.64690
17 21 2 8 1 o	803.6824	896.0551 180.95 0.64684
6 40 0 4 1 o	10.6005	11.8437 2.48 0.64679
15 24 3 8 1 o	132.5956	147.9254 180.33 0.64674
16 5 5 8 1 o	170.7865	189.8074 1.08 0.64670
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2 28 6 8 1 o	87.5945	98.0130 1.01 0.64666
12 27 4 8 1 o	5.4115	6.0427 357.60 0.64665
2 21 7 8 1 o	36.2320	40.5522 180.80 0.64665
13 25 4 8 1 o	8.5830	9.5808 359.54 0.64663
9 11 7 8 1 o	1.9055	2.1286 1.68 0.64656
3 5 8 8 1 o	376.3975	421.2503 0.92 0.64654
5 35 4 8 1 o	0.7569	0.8464 353.24 0.64653
7 39 1 8 1 o	22.2230	24.8427 2.33 0.64651
10 26 5 8 1 o	112.7766	126.0722 180.42 0.64640
19 12 2 8 1 o	64.5044	71.9802 181.13 0.64634
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1 33 5 8 1 o	482.7154	540.5350 0.92 0.64624
7 16 7 8 1 o	16.1606	18.0932 181.40 0.64623
13 10 6 8 1 o	34.1636	38.1780 180.70 0.64613
7 38 2 8 1 o	172.8288	193.6105 180.61 0.64611
13 32 1 8 1 o	277.0810	310.5324 0.59 0.64604
19 15 1 8 1 o	241.4890	270.3346 180.73 0.64600
2 7 8 8 1 o	11.2981	12.6802 179.89 0.64595
11 35 1 8 1 o	138.4873	155.5595 1.26 0.64582
18 13 3 8 1 o	16.8740	18.9076 358.79 0.64580
4 0 8 4 1 o	3.7395	4.2054 185.50 0.64578
8 14 7 8 1 o	1422.1305	1598.1995 0.70 0.64578
20 8 1 8 1 o	6.2509	7.0097 0.49 0.64575
12 34 0 4 1 o	596.1158	670.1077 0.42 0.64576
3 36 4 8 1 o	1089.9611	1226.1796 1.12 0.64572
19 4 3 8 1 o	237.1251	265.9212 0.43 0.64561
4 1 8 8 1 o	340.4553	383.9050 181.23 0.64560
6 37 3 8 1 o	323.1061	364.0493 0.59 0.64559
1 8 8 8 1 o	6.0638	6.8514 357.81 0.64549
5 19 7 8 1 o	119.0298	134.9168 359.73 0.64529

10	7	7	8	1	o	6.0284	6.8167	181.91	0.64525
17	23	1	8	1	o	103.2957	116.9121	181.46	0.64521
0	39	3	4	1	o	91.1878	103.4184	2.05	0.64520
15	20	4	8	1	o	568.6226	643.3013	181.38	0.64514
4	2	8	8	1	o	145.4693	165.8487	0.94	0.64504
4	20	7	8	1	o	339.7349	387.5489	180.88	0.64501
16	6	5	8	1	o	0.5189	0.5889	8.41	0.64468
3	6	8	8	1	o	101.0853	116.9215	180.93	0.64452
14	29	2	8	1	o	241.7839	277.9623	1.13	0.64447
1	39	3	8	1	o	108.5473	125.1928	180.18	0.64444
13	20	5	8	1	o	7.9613	9.1405	3.99	0.64434
7	30	5	8	1	o	696.3129	807.0644	181.12	0.64426
0	42	0	2	1	o	2114.3176	2448.7075	0.85	0.64419
4	3	8	8	1	o	3.3698	3.9402	183.29	0.64413
17	18	3	8	1	o	51.1629	58.9033	1.45	0.64410
14	17	5	8	1	o	74.7427	86.0246	181.08	0.64409
20	10	0	4	1	o	164.3295	189.3738	181.25	0.64399
19	5	3	8	1	o	0.0036	0.0041	69.42	0.64396
11	32	3	8	1	o	76.6044	89.1675	179.95	0.64398
15	13	5	8	1	o	179.5471	206.5286	0.89	0.64396
11	34	2	8	1	o	36.0799	42.0397	181.35	0.64396
2	33	5	8	1	o	351.6445	411.9734	1.37	0.64395
14	0	6	4	1	o	1960.5259	2254.8018	180.85	0.64386
10	20	6	8	1	o	1.7659	2.0578	184.05	0.64379
14	1	6	8	1	o	0.4904	0.5653	8.24	0.64368
6	18	7	8	1	o	225.3942	265.6626	0.80	0.64368
11	29	4	8	1	o	141.4847	165.5572	180.87	0.64367
14	23	4	8	1	o	36.1213	42.0471	181.76	0.64363
8	29	5	8	1	o	180.5896	212.2229	180.64	0.64363
16	26	1	8	1	o	1192.6855	1398.5944	180.91	0.64345
17	12	4	8	1	o	36.3468	42.1085	179.63	0.64324
2	8	8	8	1	o	48.6174	58.4713	180.63	0.64321
14	2	6	8	1	o	458.2164	530.9380	1.20	0.64313
13	31	2	8	1	o	7.0417	8.3170	0.16	0.64309
20	0	2	4	1	o	0.3541	0.4107	173.07	0.64298
6	31	5	8	1	o	6.4300	7.6502	0.90	0.64300
18	0	4	4	1	o	630.5122	728.6836	0.81	0.64293
9	22	6	8	1	o	7.2395	8.5615	2.37	0.64290
15	27	2	8	1	o	935.6820	1102.9872	0.57	0.64288
4	4	8	8	1	o	139.9973	168.2834	0.58	0.64286
3	28	6	8	1	o	105.1945	126.0347	0.50	0.64285
3	21	7	8	1	o	706.8231	849.6307	180.69	0.64284
20	1	2	8	1	o	502.9643	583.7142	0.33	0.64280
18	1	4	8	1	o	385.8073	446.0375	0.80	0.64275
4	40	2	8	1	o	69.7499	82.7279	180.79	0.64271

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