

data\_publication\_text  
\_publ\_requested\_journal        'American Mineralogist'  
\_publ\_section\_title  
;  
Variability in sepiolite: Diffraction studies.  
;  
\_publ\_contact\_author\_name       'S\'anchez del R\'io, M.'  
\_publ\_contact\_author\_address  
;  
European Synchrotron Radiation Facility, 6 rue Jules Horowitz,  
38000 Grenoble, France  
;  
\_publ\_contact\_author\_email       'srio@esrf.fr'  
loop\_  
\_publ\_author\_name  
\_publ\_author\_address  
  
'Garc\'ia-Romero, E.'  
;  
Departamento de Cristalograf\'ia y Mineralog\'ia,  
Universidad Complutense de Madrid, 28040 Madrid, Spain  
;  
  
'Su\'arez, M.'  
;  
Departamento de Geolog\'ia. Universidad de Salamanca,  
37008 Salamanca, Spain  
;  
  
'da Silva, I.'  
;  
SpLine - Spanish CRG Beamline at the ESRF  
6, Rue Jules Horowitz, BP 220  
38043 Grenoble Cedex 09  
France  
;  
  
'Fuentes Montero, L.'  
;  
Institut Laue-Langevin, 6 rue Jules Horowitz,  
38000 Grenoble, France  
;  
  
'Mart\'inez-Criado, G.'  
;  
European Synchrotron Radiation Facility,  
6 rue Jules Horowitz, 38000 Grenoble, France  
;  
  
#=====

data\_BAT25

#=====

## # 5. CHEMICAL DATA

```
_chemical_name_systematic
; ?
;
_chemical_name_common      ?
_chemical_formula_moiety    'Mg7.184 O38 Si12, 6(O)'
_chemical_formula_structural ?
_chemical_formula_analytical ?
_chemical_formula_iupac     ?
_chemical_formula_sum       'Mg7.184 O44 Si12'
_chemical_formula_weight    1215.607
_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 13.3067(9)  
\_cell\_length\_b 26.9720(11)  
\_cell\_length\_c 5.26643(19)  
\_cell\_angle\_alpha 90.00000  
\_cell\_angle\_beta 90.00000  
\_cell\_angle\_gamma 90.00000  
\_cell\_volume 1890.17(17)  
\_cell\_formula\_units\_Z 2  
\_cell\_measurement\_temperature 298  
\_cell\_special\_details

; ?  
;

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

\_pd\_spec\_size\_axial ? # perpendicular to  
# equatorial plane  
\_pd\_spec\_size\_equat ? # parallel to  
# scattering vector  
# in transmission  
\_pd\_spec\_size\_thick ? # parallel to  
# scattering vector  
# in reflection

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

\_pd\_spec\_mounting 'borosilicate capillary'  
\_pd\_spec\_mount\_mode 'transmission'  
\_pd\_spec\_shape 'cylinder'  
\_pd\_char\_particle\_morphology ?  
\_pd\_char\_colour ?

# The following three fields describe the preparation of the specimen.  
# The cooling rate is in K/min. The pressure at which the sample was  
# prepared is in kPa. The temperature of preparation is in K.

\_pd\_prep\_cool\_rate ?  
\_pd\_prep\_pressure ?  
\_pd\_prep\_temperature ?

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

\_exptl\_absorpt\_coefficient\_mu 0.7  
\_exptl\_absorpt\_correction\_type cylinder  
\_exptl\_absorpt\_process\_details ?  
\_exptl\_absorpt\_correction\_T\_min ?  
\_exptl\_absorpt\_correction\_T\_max ?

\_exptl\_crystal\_density\_diffn 2.136

#=====

## # 7. EXPERIMENTAL DATA

\_pd\_instr\_location  
; SpLine - BM25, Spanish Beamline at the ESRF (Grenoble, France)  
;  
\_pd\_calibration\_special\_details # description of the method used  
# to calibrate the instrument  
; ?  
;

\_diffn\_ambient\_temperature 298  
\_diffn\_source 'Synchrotron'  
\_diffn\_radiation\_wavelength 0.8263

\_diffn\_radiation\_monochromator 'Si(111)'  
\_diffn\_measurement\_device\_type ?  
\_diffn\_measurement\_method '2\q scan'  
\_diffn\_detector\_area\_resol\_mean ? # Not in version 2.0.1  
\_diffn\_detector 'scintillation counter'  
\_diffn\_detector\_type 'Cyberstar'  
\_pd\_meas\_scan\_method 'step'  
\_pd\_meas\_special\_details  
; ?  
;

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

\_pd\_meas\_number\_of\_points 3895  
\_pd\_meas\_2theta\_range\_min 2.11984  
\_pd\_meas\_2theta\_range\_max 80.00000  
\_pd\_meas\_2theta\_range\_inc 0.020005

#=====

## # 8. REFINEMENT DATA

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

loop\_  
\_publ\_manuscript\_incl\_extra\_item  
\_publ\_manuscript\_incl\_extra\_info  
\_publ\_manuscript\_incl\_extra\_defn  
# Name Explanation Standard?  
# -----  
'\_pd\_proc\_ls\_prof\_cR\_factor' 'Prof. R-factor CORRECTED for background' no  
'\_pd\_proc\_ls\_prof\_cwR\_factor' 'wProf.R-factor CORRECTED for background' no  
'\_pd\_proc\_ls\_prof\_cwR\_expected' 'wProf.Expected CORRECTED for background' no

'\_pd\_proc\_ls\_prof\_chi2'        'Chi-square for all considered points'    no  
'\_pd\_proc\_ls\_prof\_echi2'       'Chi-2 for points with Bragg contribution' no

\_refine\_special\_details

; ?  
;

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

\_pd\_proc\_ls\_special\_details

; ?  
;

# The next three items are given as text.

\_pd\_proc\_ls\_profile\_function    'Pseudo-Voigt'  
\_pd\_proc\_ls\_background\_function 'Interpolation of points'  
\_pd\_proc\_ls\_pref\_orient\_corr

; ?  
;

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

_pd_proc_ls_prof_R_factor	5.3370
_pd_proc_ls_prof_wR_factor	7.2151
_pd_proc_ls_prof_wR_expected	0.7959

# 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	11.5421
_pd_proc_ls_prof_cwR_factor	13.2581
_pd_proc_ls_prof_cwR_expected	1.4625

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

_pd_proc_ls_prof_chi2	82.1791
_pd_proc_ls_prof_echi2	82.1791

# Items related to LS refinement

_refine_ls_goodness_of_fit_all	9.0
_refine_ls_R_I_factor	6.5802
_refine_ls_number_reflns	4027
_refine_ls_number_parameters	63
_refine_ls_number_restraints	0

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

# intensities used in the refinement.

\_pd\_proc\_2theta\_range\_min 2.1350  
\_pd\_proc\_2theta\_range\_max 80.0152  
\_pd\_proc\_2theta\_range\_inc 0.020005  
\_pd\_proc\_wavelength 0.826300  
  
\_pd\_block\_diffraction\_id BAT25\_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	0.1970(6)	0.0265(4)	0.5801(20)	0.0150(7)	1.00000	Uiso	SI
SI2	0.2146(7)	0.1399(3)	0.5696(19)	0.0150(7)	1.00000	Uiso	SI
SI3	0.2073(8)	0.1940(3)	0.0658(20)	0.0150(7)	1.00000	Uiso	SI
Mg1	0.00000	0.0274(8)	0.25000	0.0205(17)	0.89800	Uiso	MG
Mg2	0.00000	0.0920(7)	0.75000	0.0205(17)	0.89800	Uiso	MG
Mg3	0.00000	0.1463(7)	0.25000	0.0205(17)	0.89800	Uiso	MG
Mg4	0.00000	0.2031(6)	0.75000	0.0205(17)	0.89800	Uiso	MG
O9	0.25000	0.25000	0.088(6)	0.0151(13)	1.00000	Uiso	O
O1	0.0675(12)	0.0203(7)	0.578(4)	0.0151(13)	1.00000	Uiso	O
O3	0.0599(13)	0.1378(6)	0.571(4)	0.0151(13)	1.00000	Uiso	O
O4	0.0959(12)	0.1917(6)	0.024(4)	0.0151(13)	1.00000	Uiso	O
O5	0.2531(14)	-0.0010(6)	0.345(4)	0.0151(13)	1.00000	Uiso	O
O6	0.2555(14)	0.0751(6)	0.591(4)	0.0151(13)	1.00000	Uiso	O
O7	0.2640(15)	0.1618(6)	0.271(3)	0.0151(13)	1.00000	Uiso	O
O8	0.3231(13)	0.1619(6)	0.818(3)	0.0151(13)	1.00000	Uiso	O
O2	0.0942(11)	0.0847(7)	0.080(3)	0.0151(13)	1.00000	Uiso	O
O10	0.0745(13)	0.2617(5)	0.538(3)	0.0151(13)	1.00000	Uiso	O
OW1	0.0719(19)	0.4295(10)	1.111(6)	0.068(8)	0.75000	Uiso	O
OW2	0.00000	0.6248(14)	0.25000	0.068(8)	0.75000	Uiso	O

OW3 0.00000 0.4780(16) 0.25000 0.068(8) 0.75100 Uiso O

```
#=====
# Powder diffraction pattern number 1
#=====
```

data\_BAT25\_profile

```
_pd_block_id BAT25_profile
_pd_proc_ls_peak_cutoff 0.00500
_pd_calc_method " Rietveld Refinement"
```

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

```
_pd_meas_2theta_range_min 2.119840
_pd_meas_2theta_range_max 80.000000
_pd_meas_2theta_range_inc 0.020005
_pd_proc_2theta_range_min 2.135041
_pd_proc_2theta_range_max 80.015198
_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	2.5154	1760(7)	1665.4149	1664.4340
21	2.5353	1709(7)	1666.1244	1665.1001
22	2.5552	1671(6)	1651.5719	1650.5012
23	2.5753	1657(6)	1683.0255	1635.8143
24	2.5951	1642(6)	1669.9368	1621.2812
25	2.6151	1617(6)	1656.8373	1606.6604
26	2.6352	1593(6)	1643.7328	1591.9518
27	2.6552	1565(6)	1630.7650	1577.3087
28	2.6752	1553(6)	1617.8807	1562.6658
29	2.6952	1550(6)	1605.0854	1548.0229
30	2.7151	1529(6)	1592.4425	1533.4460
31	2.7350	1514(6)	1579.9257	1518.8983
32	2.7550	1502(6)	1567.4548	1504.2775
33	2.7750	1486(6)	1554.3318	1488.8834
34	2.7949	1458(6)	1536.6772	1468.8379
35	2.8150	1474(6)	1518.9760	1448.5813
36	2.8351	1465(6)	1501.4968	1428.4050
37	2.8552	1450(6)	1484.1675	1408.2090
38	2.8751	1435(6)	1467.1506	1388.1633
39	2.8952	1445(6)	1450.2391	1367.9972
40	2.9152	1438(6)	1433.5905	1347.8613
41	2.9354	1435(6)	1417.1366	1327.6248
42	2.9553	1410(6)	1401.1704	1307.5895
43	2.9754	1410(6)	1385.4590	1287.3831
44	2.9954	1422(6)	1370.2969	1267.2772

45	3.0155	1412(6)	1355.6631	1247.1111
46	3.0355	1425(6)	1341.7688	1227.0052
47	3.0554	1429(6)	1328.7545	1206.9598
48	3.0754	1428(6)	1323.7524	1193.9060
49	3.0952	1429(6)	1321.1206	1182.0793
50	3.1152	1434(6)	1319.8951	1170.1573
51	3.1352	1442(6)	1320.3544	1158.2175
52	3.1554	1429(6)	1322.7979	1146.2179
53	3.1752	1449(6)	1327.4639	1134.3735
54	3.1954	1441(6)	1334.8300	1122.3560
55	3.2153	1453(6)	1345.0681	1110.4937
56	3.2352	1457(6)	1358.6697	1098.6074
57	3.2552	1470(6)	1376.0264	1086.7034
58	3.2750	1467(6)	1397.3030	1074.8767
59	3.2950	1487(6)	1422.9656	1062.9905
60	3.3151	1494(6)	1453.2780	1050.9910
61	3.3350	1526(6)	1487.4581	1039.1107
62	3.3551	1534(6)	1525.6490	1027.1290
63	3.3750	1568(6)	1566.3853	1015.2667
64	3.3951	1589(6)	1609.5269	1003.2851
65	3.4152	1640(6)	1653.6638	991.3095
66	3.4352	1665(6)	1697.8745	979.3874
67	3.4551	1731(7)	1742.0046	967.5191
68	3.4752	1812(7)	1787.4412	955.5613
69	3.4952	1889(7)	1836.1016	943.6215
70	3.5152	1992(7)	1895.3254	934.8820
71	3.5352	2108(7)	1968.6133	926.7100
72	3.5551	2259(8)	2063.2920	918.5501
73	3.5752	2447(8)	2189.5708	910.3413
74	3.5954	2660(8)	2358.1160	902.0915
75	3.6153	2903(8)	2576.1677	893.9357
76	3.6352	3175(9)	2855.5825	885.7760
77	3.6552	3513(9)	3206.6704	877.5916
78	3.6751	3917(10)	3634.3699	869.4441
79	3.6952	4379(10)	4150.4985	861.2228
80	3.7152	4950(11)	4750.8799	853.0385
81	3.7352	5575(12)	5435.5044	844.8541
82	3.7552	6194(13)	6195.6050	836.6821
83	3.7751	6927(13)	7016.8623	828.5223
84	3.7952	7793(14)	7885.7129	820.3011
85	3.8153	8589(15)	8765.2090	812.0922
86	3.8354	9351(15)	9619.6719	803.8793
87	3.8552	10098(16)	10396.9502	795.7480
88	3.8752	10726(16)	11060.4941	787.5760
89	3.8951	11262(17)	11553.9072	779.4285
90	3.9150	11561(17)	11831.1689	771.2973
91	3.9351	11668(17)	11854.3936	763.0475
92	3.9551	11502(17)	11602.4541	754.8632
93	3.9751	11056(17)	11086.9316	746.6788
94	3.9952	10342(16)	10343.9668	738.4576
95	4.0152	9437(15)	9443.2705	730.2855
96	4.0350	8419(14)	8456.4785	722.1667
97	4.0550	7320(14)	7433.0645	713.9822
98	4.0751	6276(13)	6430.5371	705.7693



99	4.0950	5316(11)	5498.5254	697.6135
100	4.1150	4423(10)	4653.1948	689.4292
101	4.1351	3727(10)	3910.2590	681.2163
102	4.1550	3115(9)	3283.5698	673.0851
103	4.1750	2627(8)	2761.2502	666.6775
104	4.1951	2224(7)	2335.2893	660.8511
105	4.2151	1914(7)	1999.9519	655.0710
106	4.2354	1646(6)	1735.4905	649.2274
107	4.2552	1448(6)	1535.0923	643.4849
108	4.2752	1287(6)	1380.5198	637.7134
109	4.2951	1160(5)	1262.1188	631.9507
110	4.3152	1051(5)	1169.9774	626.1445
111	4.3352	967(5)	1098.0958	620.3644
112	4.3552	894(5)	1040.5343	614.5844
113	4.3751	839(5)	993.5333	608.8390
114	4.3950	791(4)	953.9647	603.1052
115	4.4150	743(4)	919.3604	597.2991
116	4.4351	714(4)	888.8456	591.4901
117	4.4552	687(4)	861.4932	585.6840
118	4.4753	662(4)	836.6644	579.8865
119	4.4951	650(4)	814.0875	574.1498
120	4.5151	629(4)	793.0172	568.3698
121	4.5352	612(4)	773.3289	562.5723
122	4.5551	605(4)	755.0297	556.8182
123	4.5750	596(4)	737.7988	551.0583
124	4.5951	590(4)	721.4200	545.2581
125	4.6150	583(4)	706.0593	539.5155
126	4.6352	580(4)	691.1876	533.6632
127	4.6552	576(4)	677.2150	527.8918
128	4.6752	577(4)	663.8226	522.1030
129	4.6954	571(4)	650.9110	516.2766
130	4.7154	561(4)	638.6290	510.5052
131	4.7352	558(4)	626.3635	504.7715
132	4.7552	545(4)	614.9525	498.9914
133	4.7751	509(4)	603.9537	493.2285
134	4.7952	501(4)	593.2368	487.4311
135	4.8153	482(3)	582.8237	481.6251
136	4.8354	463(3)	572.7134	475.8247
137	4.8554	454(3)	562.9052	470.0446
138	4.8753	442(3)	553.3751	464.2848
139	4.8952	437(3)	544.0642	458.5220
140	4.9152	437(3)	534.9332	452.7419
141	4.9354	426(3)	525.9373	446.9243
142	4.9552	421(3)	517.2340	441.1817
143	4.9753	420(3)	508.6126	435.3843
144	4.9952	411(3)	500.1954	429.6215
145	5.0152	404(3)	491.8947	423.8414
146	5.0354	397(3)	483.6735	418.0237
147	5.0552	392(3)	477.4588	414.0591
148	5.0752	397(3)	472.0628	410.8134
149	5.0951	390(3)	466.8055	407.5871
150	5.1151	387(3)	461.6086	404.3365
151	5.1353	385(3)	457.2727	401.0664
152	5.1554	381(3)	452.2761	397.8093

153	5.1754	376(3)	447.3737	394.5587
154	5.1955	373(3)	442.5431	391.3032
155	5.2155	376(3)	437.8015	388.0575
156	5.2353	372(3)	433.1670	384.8377
157	5.2554	362(3)	428.5451	381.5806
158	5.2753	365(3)	424.0179	378.3463
159	5.2952	363(3)	419.5474	375.1103
160	5.3151	367(3)	415.1394	371.8791
161	5.3352	363(3)	410.7454	368.6187
162	5.3552	362(3)	406.4285	365.3778
163	5.3752	359(3)	402.1537	362.1321
164	5.3951	355(3)	360.1944	358.8961
165	5.4154	353(3)	356.9705	355.6147
166	5.4352	351(3)	353.8062	352.3900
167	5.4552	348(3)	350.6254	349.1443
168	5.4752	354(3)	347.4491	345.8985
169	5.4951	350(3)	344.2921	342.6674
170	5.5153	347(3)	341.1025	339.3973
171	5.5352	348(3)	337.9521	336.1613
172	5.5552	347(3)	334.7990	332.9156
173	5.5753	352(3)	333.6124	329.6601
174	5.5955	345(3)	330.5026	326.3884
175	5.6154	346(3)	327.4377	323.1523
176	5.6355	345(3)	324.3667	319.8969
177	5.6553	349(3)	321.3428	316.6771
178	5.6752	340(3)	318.3228	313.4453
179	5.6951	345(3)	318.0554	312.9498
180	5.7153	346(3)	317.8036	312.4483
181	5.7352	342(3)	317.5761	311.9528
182	5.7552	345(3)	317.3712	311.4543
183	5.7752	343(3)	317.1949	310.9573
184	5.7952	341(3)	317.0512	310.4588
185	5.8152	341(3)	316.9483	309.9610
186	5.8353	343(3)	316.8969	309.4618
187	5.8554	348(3)	316.9149	308.9623
188	5.8751	350(3)	317.0277	308.4708
189	5.8951	344(3)	317.2813	307.9731
190	5.9150	348(3)	317.7406	307.4785
191	5.9350	350(3)	318.5210	306.9793
192	5.9550	351(3)	319.7778	306.4816
193	5.9751	349(3)	321.7589	305.9821
194	5.9952	363(3)	324.8040	305.4821
195	6.0152	362(3)	329.3517	304.9843
196	6.0351	374(3)	335.9748	304.4888
197	6.0550	388(3)	345.4319	303.9928
198	6.0752	385(3)	358.7480	303.4911
199	6.0952	403(3)	376.6245	302.9933
200	6.1152	416(3)	400.0574	302.4956
201	6.1351	437(3)	429.6331	302.0001
202	6.1550	462(3)	465.6819	301.5063
203	6.1748	497(4)	508.1245	301.0126
204	6.1949	530(4)	556.7293	300.5124
205	6.2149	569(4)	608.9066	300.0146
206	6.2350	616(4)	662.6129	299.5131

207	6.2550	664(4)	713.5872	299.0154
208	6.2749	719(4)	757.9854	298.5214
209	6.2950	754(4)	792.5895	298.0214
210	6.3151	782(4)	813.1771	297.5204
211	6.3350	791(4)	817.1337	297.0266
212	6.3550	778(4)	803.7429	296.5266
213	6.3750	752(4)	774.3844	296.0312
214	6.3949	715(4)	731.9876	295.5349
215	6.4151	660(4)	680.0608	295.0317
216	6.4352	601(4)	624.2083	294.5317
217	6.4552	552(4)	568.5216	294.0332
218	6.4754	502(4)	515.8989	293.5315
219	6.4954	464(3)	469.5315	293.0345
220	6.5154	431(3)	430.1812	292.5367
221	6.5354	402(3)	398.4615	292.0390
222	6.5552	377(3)	373.9604	291.5445
223	6.5752	360(3)	355.7154	291.0475
224	6.5951	356(3)	342.8721	290.5520
225	6.6151	336(3)	334.2647	290.0535
226	6.6352	330(3)	328.9945	289.5535
227	6.6552	328(3)	326.2993	289.0558
228	6.6751	323(3)	325.5749	288.5610
229	6.6951	320(3)	326.4578	288.0625
230	6.7151	319(3)	328.7867	287.5647
231	6.7350	319(3)	332.5167	287.0710
232	6.7550	317(3)	337.8146	286.5740
233	6.7749	316(3)	344.8456	286.0785
234	6.7950	318(3)	354.4138	286.0076
235	6.8151	323(3)	366.3977	285.9439
236	6.8351	327(3)	380.9420	285.8808
237	6.8551	341(3)	398.3937	285.8176
238	6.8752	347(3)	419.0291	285.7542
239	6.8952	363(3)	442.7070	285.6910
240	6.9152	375(3)	469.4147	285.6277
241	6.9354	395(3)	498.8945	285.5641
242	6.9553	422(3)	530.0353	285.5012
243	6.9754	448(3)	562.4340	285.4377
244	6.9954	468(3)	594.3658	285.3745
245	7.0155	510(4)	624.6008	285.3109
246	7.0355	532(4)	650.7168	285.2480
247	7.0554	569(4)	671.1710	285.1850
248	7.0754	595(4)	684.0908	285.1219
249	7.0951	617(4)	688.0385	285.0594
250	7.1152	630(4)	682.4155	284.9960
251	7.1353	643(4)	667.5287	284.9326
252	7.1554	639(4)	644.7711	284.8692
253	7.1753	633(4)	616.4272	284.8062
254	7.1953	611(4)	584.4630	284.7431
255	7.2153	590(4)	551.0308	284.6799
256	7.2352	567(4)	517.9158	284.6169
257	7.2552	541(4)	486.2277	284.5538
258	7.2750	512(4)	457.1554	284.4914
259	7.2950	486(3)	430.5675	284.4280
260	7.3150	465(3)	407.2349	284.3648

261	7.3351	433(3)	387.0350	284.3013
262	7.3551	417(3)	370.0782	284.2383
263	7.3751	396(3)	355.9708	284.1751
264	7.3952	379(3)	344.3835	284.1116
265	7.4152	372(3)	335.0716	284.0485
266	7.4351	356(3)	327.6444	283.9855
267	7.4552	350(3)	321.7008	283.9220
268	7.4752	340(3)	317.0193	283.8589
269	7.4952	327(3)	313.3158	283.7957
270	7.5152	325(3)	310.3876	283.7326
271	7.5352	324(3)	308.0657	283.6694
272	7.5551	322(3)	306.2423	283.6064
273	7.5754	320(3)	304.8128	283.5426
274	7.5953	313(3)	303.0674	283.4796
275	7.6152	313(3)	302.3851	283.4166
276	7.6352	307(3)	302.0402	283.3535
277	7.6553	311(3)	302.0753	283.3184
278	7.6752	297(3)	302.5895	283.3935
279	7.6953	304(3)	303.5016	283.4692
280	7.7151	305(3)	304.8036	283.5440
281	7.7352	302(3)	306.5220	283.6197
282	7.7552	305(3)	308.6166	283.6952
283	7.7752	305(3)	311.0263	283.7704
284	7.7952	310(3)	313.6736	283.8459
285	7.8154	309(3)	316.4351	283.9218
286	7.8352	315(3)	319.0932	283.9967
287	7.8553	308(3)	321.5090	284.0723
288	7.8752	317(3)	323.4258	284.1474
289	7.8950	314(3)	324.6487	284.2220
290	7.9151	313(3)	325.0247	284.2978
291	7.9351	315(3)	324.4401	284.3733
292	7.9552	315(3)	322.9212	284.4489
293	7.9751	315(3)	320.6230	284.5241
294	7.9952	317(3)	317.7329	284.5997
295	8.0151	316(3)	314.5224	284.6749
296	8.0352	312(3)	311.1740	284.7505
297	8.0550	310(3)	307.9239	284.8253
298	8.0750	306(3)	304.8526	284.9005
299	8.0950	305(3)	302.0522	284.9761
300	8.1151	303(3)	299.5938	285.0517
301	8.1351	294(3)	297.5025	285.1272
302	8.1550	302(3)	295.7810	285.2020
303	8.1750	297(3)	294.3740	285.2773
304	8.1951	289(3)	293.2449	285.3534
305	8.2152	293(3)	292.3694	285.4291
306	8.2353	296(3)	291.6966	285.5048
307	8.2552	294(3)	291.1855	285.5799
308	8.2751	297(3)	291.2120	285.6550
309	8.2952	291(3)	290.9260	285.7307
310	8.3153	291(3)	290.7099	285.8063
311	8.3352	295(3)	290.5461	285.8814
312	8.3552	293(3)	290.4192	285.9569
313	8.3750	295(3)	290.3217	286.0316
314	8.3950	293(3)	290.2570	286.1181

315	8.4151	292(3)	290.3297	286.3264
316	8.4352	294(3)	290.4166	286.5341
317	8.4551	290(3)	290.5150	286.7402
318	8.4753	298(3)	290.6251	286.9484
319	8.4952	296(3)	290.7434	287.1542
320	8.5151	299(3)	290.8705	287.3603
321	8.5351	296(3)	291.0061	287.5670
322	8.5550	294(3)	291.1487	287.7726
323	8.5751	299(3)	291.2997	287.9800
324	8.5950	299(3)	291.4568	288.1860
325	8.6151	300(3)	291.6218	288.3934
326	8.6351	299(3)	291.7930	288.6002
327	8.6552	301(3)	291.9721	288.8081
328	8.6752	303(3)	292.1573	289.0148
329	8.6955	304(3)	290.6154	289.2238
330	8.7153	304(3)	290.8589	289.4288
331	8.7352	301(3)	291.1138	289.6349
332	8.7551	305(3)	291.3943	289.8407
333	8.7751	309(3)	291.6900	290.0474
334	8.7952	305(3)	292.0282	290.2550
335	8.8153	306(3)	292.4348	290.4623
336	8.8354	308(3)	292.9551	290.6697
337	8.8554	308(3)	293.6541	290.8764
338	8.8753	311(3)	294.6262	291.0824
339	8.8952	309(3)	296.0031	291.2885
340	8.9153	314(3)	297.9599	291.4958
341	8.9354	314(3)	300.6783	291.7032
342	8.9552	316(3)	304.3046	291.9086
343	8.9752	319(3)	309.0468	292.1153
344	8.9953	323(3)	315.2645	292.6078
345	9.0153	324(3)	322.6334	293.1483
346	9.0354	329(3)	330.9366	293.6906
347	9.0552	335(3)	339.6658	294.2275
348	9.0752	338(3)	348.4147	294.7672
349	9.0951	350(3)	356.5170	295.3060
350	9.1152	357(3)	363.4553	295.8481
351	9.1353	367(3)	368.7831	296.3910
352	9.1554	383(3)	372.3978	296.9333
353	9.1754	390(3)	374.6173	297.4738
354	9.1954	388(3)	376.2032	298.0150
355	9.2155	382(3)	378.2785	298.5571
356	9.2354	385(3)	382.1717	299.0951
357	9.2554	384(3)	389.3212	299.6356
358	9.2752	399(3)	400.8401	300.1725
359	9.2952	409(3)	417.7229	300.7130
360	9.3152	423(3)	439.9675	301.2526
361	9.3352	449(3)	468.6569	301.7939
362	9.3551	477(3)	499.1010	302.3319
363	9.3753	510(4)	531.4109	302.8764
364	9.3951	541(4)	561.9117	303.4128
365	9.4154	585(4)	588.5708	303.9592
366	9.4352	617(4)	607.5081	304.4953
367	9.4552	637(4)	617.0070	305.0366
368	9.4752	637(4)	615.5341	305.5770

369	9.4953	627(4)	603.1538	306.1191
370	9.5152	602(4)	581.5858	306.6571
371	9.5352	558(4)	553.1255	307.1984
372	9.5552	529(4)	520.9676	307.7388
373	9.5754	490(4)	487.8322	308.2828
374	9.5955	460(3)	456.5487	308.8265
375	9.6155	443(3)	429.2780	309.3661
376	9.6354	423(3)	407.0842	309.9042
377	9.6552	408(3)	390.4620	310.4411
378	9.6753	403(3)	379.2244	310.9832
379	9.6952	398(3)	373.0208	311.5220
380	9.7152	394(3)	370.8569	312.0625
381	9.7352	399(3)	371.6273	312.6029
382	9.7551	395(3)	374.1078	313.1409
383	9.7752	388(3)	377.1750	313.6852
384	9.7952	399(3)	380.6775	315.1257
385	9.8154	392(3)	382.9784	316.5756
386	9.8354	396(3)	383.6004	318.0161
387	9.8552	392(3)	383.1783	319.4452
388	9.8752	408(3)	381.2509	320.8857
389	9.8950	405(3)	377.4889	322.3147
390	9.9150	413(3)	373.0741	323.7552
391	9.9350	411(3)	368.5534	325.1957
392	9.9550	414(3)	364.3647	326.6363
393	9.9752	420(3)	360.7942	328.0883
394	9.9951	425(3)	358.0799	329.5246
395	10.0151	426(3)	356.2330	330.9651
396	10.0351	427(3)	355.2472	332.4028
397	10.0552	434(3)	355.0720	333.8505
398	10.0752	436(3)	355.6751	335.2910
399	10.0952	435(3)	357.0684	336.7315
400	10.1151	434(3)	359.3445	338.1649
401	10.1351	441(3)	362.7658	339.6054
402	10.1550	439(3)	367.7125	341.0388
403	10.1749	449(3)	374.8311	342.4721
404	10.1949	461(3)	385.0737	343.9126
405	10.2149	470(3)	399.6048	345.3532
406	10.2350	481(3)	420.0179	346.8009
407	10.2550	502(4)	447.8246	348.2415
408	10.2750	522(4)	484.9271	349.6819
409	10.2950	552(4)	533.0740	351.1225
410	10.3151	585(4)	594.0142	352.5702
411	10.3350	635(4)	667.5901	354.0036
412	10.3550	702(4)	754.5134	355.4441
413	10.3750	773(4)	853.0895	356.8846
414	10.3949	862(5)	959.8516	358.3179
415	10.4152	990(5)	1073.0972	359.7801
416	10.4352	1117(5)	1182.8937	361.2206
417	10.4553	1270(6)	1284.1364	362.6684
418	10.4754	1414(6)	1368.2477	364.1161
419	10.4954	1527(6)	1426.5684	365.0178
420	10.5154	1613(6)	1453.3635	365.4017
421	10.5354	1634(6)	1444.7222	365.7856
422	10.5552	1595(6)	1401.5756	366.1657

423	10.5752	1504(6)	1327.3691	366.5496
424	10.5951	1383(6)	1230.6582	366.9316
425	10.6151	1222(6)	1119.8613	367.3155
426	10.6352	1069(5)	1004.3260	367.7013
427	10.6552	965(5)	893.6658	368.0852
428	10.6751	867(5)	794.6806	368.4672
429	10.6952	803(5)	711.2633	368.8531
430	10.7151	766(4)	648.5943	369.2350
431	10.7350	739(4)	609.4349	369.6170
432	10.7550	738(4)	595.9645	370.0009
433	10.7749	752(4)	610.9478	370.3829
434	10.7950	753(4)	657.7286	370.7688
435	10.8151	779(4)	739.2485	371.1546
436	10.8350	819(5)	856.1039	371.5366
437	10.8552	880(5)	1011.6238	371.9243
438	10.8751	984(5)	1197.9551	372.3063
439	10.8953	1131(5)	1412.8624	372.6941
440	10.9152	1360(6)	1637.3002	373.0760
441	10.9354	1655(6)	1860.5466	373.4638
442	10.9553	1972(7)	2055.8750	373.8458
443	10.9754	2324(8)	2207.8481	374.2316
444	10.9954	2601(8)	2296.4048	374.6155
445	11.0155	2753(8)	2311.2957	375.0014
446	11.0354	2702(8)	2250.5520	375.3834
447	11.0555	2507(8)	2120.1689	375.7692
448	11.0752	2204(7)	1942.2189	376.1473
449	11.0952	1852(7)	1725.3512	376.5312
450	11.1152	1524(6)	1495.2074	376.9152
451	11.1354	1260(6)	1268.4841	377.3029
452	11.1552	1068(5)	1066.2798	377.6830
453	11.1754	917(5)	889.8594	378.0707
454	11.1953	825(5)	749.5375	378.4527
455	11.2154	753(4)	641.1447	378.8386
456	11.2352	691(4)	563.7152	379.2186
457	11.2552	641(4)	510.0168	379.6025
458	11.2750	610(4)	475.7299	379.9826
459	11.2949	574(4)	455.1840	380.3646
460	11.3151	551(4)	444.3622	380.7523
461	11.3351	540(4)	440.3858	381.1362
462	11.3550	535(4)	440.8506	381.5182
463	11.3751	526(4)	444.3038	381.9041
464	11.3952	514(4)	449.8050	382.2899
465	11.4152	513(4)	456.7231	382.6738
466	11.4351	517(4)	464.6562	383.0558
467	11.4552	502(4)	473.4371	383.4416
468	11.4753	498(4)	482.7092	383.8275
469	11.4952	496(4)	492.0595	384.2094
470	11.5151	503(4)	502.3145	384.5914
471	11.5352	499(4)	510.9495	384.9773
472	11.5552	497(4)	518.4230	385.3612
473	11.5754	496(4)	524.3838	385.7489
474	11.5952	488(4)	528.4313	386.1290
475	11.6152	491(4)	529.7740	385.8019
476	11.6353	498(4)	529.3453	385.4731

477	11.6552	492(4)	527.6797	385.1476
478	11.6752	496(4)	525.5184	384.8206
479	11.6952	501(4)	523.7594	384.4934
480	11.7152	498(4)	523.3181	384.1663
481	11.7352	502(4)	525.0369	383.8392
482	11.7552	503(4)	529.6044	383.5121
483	11.7752	509(4)	536.1041	383.1850
484	11.7952	513(4)	547.4490	382.8578
485	11.8153	522(4)	562.0159	382.5291
486	11.8352	530(4)	578.7854	382.2036
487	11.8553	537(4)	596.7959	381.8749
488	11.8751	554(4)	613.8877	381.5510
489	11.8950	564(4)	628.4681	381.2256
490	11.9150	571(4)	638.5870	380.8984
491	11.9351	591(4)	642.6381	380.5697
492	11.9551	595(4)	639.7119	380.2426
493	11.9751	607(4)	629.8422	379.9155
494	11.9952	608(4)	613.7404	379.5867
495	12.0152	607(4)	594.3235	379.2596
496	12.0351	597(4)	570.8904	378.9341
497	12.0550	583(4)	546.4861	378.6086
498	12.0750	575(4)	522.6960	378.2815
499	12.0951	551(4)	500.9147	377.9528
500	12.1151	542(4)	482.2959	377.6257
501	12.1351	525(4)	467.2061	377.2986
502	12.1549	517(4)	455.8359	376.9747
503	12.1750	513(4)	447.7494	376.6460
504	12.1952	524(4)	442.1198	376.3156
505	12.2153	512(4)	440.0337	375.9868
506	12.2352	505(4)	440.4497	375.6613
507	12.2552	519(4)	443.1979	375.3342
508	12.2751	502(4)	448.2467	375.0088
509	12.2952	517(4)	455.8475	374.6800
510	12.3152	524(4)	466.2219	374.3529
511	12.3352	528(4)	479.8617	374.0258
512	12.3551	533(4)	497.2638	373.7003
513	12.3750	557(4)	519.1920	373.3748
514	12.3950	585(4)	546.5683	373.0477
515	12.4151	609(4)	580.4935	372.7189
516	12.4351	637(4)	621.5891	372.3918
517	12.4551	672(4)	671.0466	372.0647
518	12.4754	729(4)	730.7992	371.7327
519	12.4951	798(5)	798.8481	371.4105
520	12.5152	890(5)	878.5863	371.0818
521	12.5351	981(5)	967.4299	370.7563
522	12.5550	1088(5)	1064.6633	370.4308
523	12.5751	1195(6)	1168.1198	370.1021
524	12.5951	1290(6)	1271.9001	369.7749
525	12.6150	1383(6)	1370.3230	369.4495
526	12.6351	1468(6)	1458.4298	369.1207
527	12.6552	1542(6)	1528.8054	368.7919
528	12.6753	1589(6)	1575.7278	368.4632
529	12.6954	1621(6)	1598.7788	368.1345
530	12.7154	1606(6)	1587.0488	367.8073



531	12.7351	1549(6)	1545.1560	367.4851
532	12.7551	1484(6)	1474.3206	367.1580
533	12.7752	1398(6)	1379.8054	366.8293
534	12.7952	1288(6)	1269.8732	366.5022
535	12.8154	1161(5)	1150.7827	366.1718
536	12.8353	1055(5)	1032.9718	365.8463
537	12.8554	941(5)	919.8216	365.5175
538	12.8753	831(5)	818.2486	365.1921
539	12.8953	774(4)	729.6367	364.8649
540	12.9152	706(4)	656.1786	364.5395
541	12.9353	666(4)	596.7433	364.2107
542	12.9552	629(4)	551.3329	363.8853
543	12.9753	601(4)	517.1554	363.5565
544	12.9953	578(4)	492.6526	363.2294
545	13.0153	548(4)	475.4806	362.9023
546	13.0353	534(4)	463.7192	362.5752
547	13.0553	518(4)	455.7953	362.2480
548	13.0751	500(4)	450.5880	361.9242
549	13.0951	489(4)	447.4630	361.5971
550	13.1152	495(4)	445.6791	361.2683
551	13.1353	486(4)	450.3058	360.9396
552	13.1553	482(4)	451.8314	360.6125
553	13.1754	481(3)	455.6461	360.2832
554	13.1954	487(4)	461.5700	359.9070
555	13.2155	491(4)	470.3734	359.5288
556	13.2354	495(4)	482.2513	359.1545
557	13.2552	503(4)	497.4218	358.7820
558	13.2753	517(4)	516.3063	358.4039
559	13.2951	526(4)	538.1890	358.0314
560	13.3152	557(4)	563.3197	357.6533
561	13.3352	582(4)	590.5188	357.2770
562	13.3551	613(4)	618.4390	356.9027
563	13.3752	659(4)	646.6113	356.5246
564	13.3952	696(4)	671.8789	356.1483
565	13.4152	736(4)	693.6699	355.7721
566	13.4353	772(4)	709.2587	355.3940
567	13.4552	787(4)	716.7186	355.0196
568	13.4753	791(4)	715.2657	354.6414
569	13.4952	780(4)	705.1363	354.2671
570	13.5152	754(4)	687.5468	353.8909
571	13.5352	711(4)	664.5546	353.5146
572	13.5552	685(4)	638.4115	353.1384
573	13.5754	641(4)	610.9362	352.7584
574	13.5955	621(4)	584.3002	352.3802
575	13.6154	599(4)	559.9642	352.0059
576	13.6354	580(4)	538.4986	351.6296
577	13.6554	563(4)	520.6390	351.2534
578	13.6752	561(4)	506.7891	350.8809
579	13.6953	539(4)	496.6301	350.5028
580	13.7152	529(4)	490.1506	350.1284
581	13.7351	526(4)	486.9211	349.7541
582	13.7552	516(4)	486.3336	349.3759
583	13.7752	524(4)	487.7786	348.9997
584	13.7952	528(4)	490.6080	348.6235

585	13.8154	534(4)	494.3076	348.2434
586	13.8353	544(4)	498.4167	347.8691
587	13.8552	541(4)	502.9248	347.4947
588	13.8752	547(4)	508.1590	347.1185
589	13.8950	541(4)	514.6736	346.7460
590	13.9150	553(4)	523.4980	346.3698
591	13.9351	567(4)	535.6873	345.9916
592	13.9551	570(4)	552.2092	345.6154
593	13.9751	586(4)	573.4725	345.2392
594	13.9951	607(4)	601.8605	344.8629
595	14.0152	628(4)	637.6401	344.4848
596	14.0352	664(4)	681.0551	344.1085
597	14.0551	712(4)	732.2416	343.7342
598	14.0751	763(4)	791.8475	343.3579
599	14.0952	822(5)	859.5031	342.9798
600	14.1151	898(5)	933.2059	342.6054
601	14.1351	989(5)	1012.3793	342.2292
602	14.1550	1091(5)	1093.7451	341.8549
603	14.1747	1173(5)	1173.3828	341.4843
604	14.1949	1247(6)	1249.4578	341.1042
605	14.2150	1299(6)	1314.0476	340.7261
606	14.2350	1330(6)	1359.4408	340.3499
607	14.2550	1344(6)	1386.0962	339.9736
608	14.2749	1330(6)	1389.7347	339.5993
609	14.2951	1315(6)	1369.5061	339.2193
610	14.3150	1319(6)	1329.3044	338.8449
611	14.3350	1290(6)	1273.1433	338.4687
612	14.3550	1244(6)	1206.3008	338.0924
613	14.3750	1210(6)	1133.6821	337.7162
614	14.3950	1145(5)	1059.5338	337.3399
615	14.4151	1095(5)	986.8808	336.9618
616	14.4352	1034(5)	918.6628	336.5837
617	14.4553	970(5)	856.6567	336.2056
618	14.4754	889(5)	802.0200	335.8274
619	14.4954	828(5)	755.7291	335.5037
620	14.5154	768(4)	717.9530	335.3296
621	14.5353	737(4)	688.7583	335.1563
622	14.5552	712(4)	667.8140	334.9830
623	14.5752	698(4)	654.7971	334.8089
624	14.5951	701(4)	649.3799	334.6356
625	14.6152	709(4)	651.0825	334.4606
626	14.6352	703(4)	659.4510	334.2864
627	14.6552	697(4)	674.0225	334.1123
628	14.6751	672(4)	694.2849	333.9390
629	14.6952	660(4)	720.2844	333.7640
630	14.7151	658(4)	751.2928	333.5907
631	14.7349	680(4)	787.1960	333.4183
632	14.7549	707(4)	828.3711	333.2441
633	14.7750	763(4)	874.3273	333.0691
634	14.7950	816(5)	923.8962	332.8950
635	14.8150	878(5)	976.1289	332.7208
636	14.8351	965(5)	1029.5715	332.5458
637	14.8551	1061(5)	1081.3259	332.3716
638	14.8753	1161(5)	1129.1078	332.1957

639	14.8952	1239(6)	1168.3296	332.0225
640	14.9152	1326(6)	1196.3923	331.8483
641	14.9354	1384(6)	1210.1704	331.6724
642	14.9553	1435(6)	1206.4856	331.4991
643	14.9754	1429(6)	1187.7375	331.3241
644	14.9955	1404(6)	1154.3229	331.1491
645	15.0155	1339(6)	1109.5366	330.9749
646	15.0355	1262(6)	1056.8184	330.8008
647	15.0554	1175(5)	1000.1130	330.6275
648	15.0754	1069(5)	942.0478	330.4534
649	15.0951	965(5)	886.2106	330.2818
650	15.1153	884(5)	832.2023	330.1059
651	15.1353	823(5)	783.1085	329.9318
652	15.1553	752(4)	738.9210	329.7576
653	15.1753	709(4)	699.5582	329.5835
654	15.1954	667(4)	664.7612	329.4084
655	15.2154	636(4)	634.1680	329.2343
656	15.2352	615(4)	607.1117	328.9845
657	15.2551	593(4)	582.2120	328.2979
658	15.2750	565(4)	559.6445	327.6113
659	15.2950	534(4)	539.2505	326.9212
660	15.3151	515(4)	521.0195	326.2278
661	15.3352	494(4)	505.5475	325.5343
662	15.3551	472(3)	493.4327	324.8477
663	15.3751	465(3)	485.0029	324.1576
664	15.3952	449(3)	480.7702	323.4641
665	15.4151	457(3)	481.0406	322.7775
666	15.4353	462(3)	485.8880	322.0806
667	15.4552	471(3)	494.9199	321.3940
668	15.4752	488(4)	507.7087	320.7039
669	15.4952	510(4)	523.3718	320.0139
670	15.5151	536(4)	540.6307	319.3273
671	15.5352	566(4)	558.4479	318.6338
672	15.5552	589(4)	574.8667	317.9437
673	15.5754	612(4)	588.5949	317.2468
674	15.5952	636(4)	597.1951	316.5636
675	15.6152	645(4)	600.0509	315.8735
676	15.6354	645(4)	596.4957	315.1766
677	15.6552	643(4)	587.0205	314.4934
678	15.6752	626(4)	572.3418	313.8034
679	15.6952	595(4)	553.7928	313.1133
680	15.7152	571(4)	532.7463	312.4233
681	15.7352	541(4)	510.4923	311.7332
682	15.7552	522(4)	488.1314	311.0432
683	15.7752	482(3)	466.5135	310.3531
684	15.7952	468(3)	446.2463	309.6631
685	15.8152	454(3)	427.7181	308.9731
686	15.8354	430(3)	411.3723	308.2761
687	15.8552	420(3)	393.0517	307.5930
688	15.8750	412(3)	380.6988	306.9098
689	15.8950	396(3)	369.8705	306.2198
690	15.9151	388(3)	360.8990	305.5262
691	15.9351	370(3)	353.5518	304.8362
692	15.9551	356(3)	347.4973	304.1461

693	15.9752	352(3)	342.6208	303.4527
694	15.9952	344(3)	338.8462	302.7626
695	16.0152	346(3)	336.0486	302.0726
696	16.0351	342(3)	334.1608	301.3860
697	16.0550	338(3)	332.7939	300.2000
698	16.0750	338(3)	331.7427	298.7298
699	16.0951	327(3)	331.4072	297.2521
700	16.1151	321(3)	331.6940	295.7819
701	16.1350	314(3)	332.4561	294.3189
702	16.1549	313(3)	333.5213	292.8560
703	16.1750	315(3)	334.6761	291.3784
704	16.1952	320(3)	335.6545	289.8934
705	16.2152	324(3)	336.1767	288.4231
706	16.2353	330(3)	335.8308	286.9455
707	16.2552	323(3)	334.8477	285.4826
708	16.2752	327(3)	332.9687	284.0123
709	16.2952	330(3)	330.2393	282.5420
710	16.3152	335(3)	326.7804	281.0718
711	16.3352	343(3)	322.7673	279.6015
712	16.3551	339(3)	318.4349	278.1386
713	16.3751	339(3)	314.2817	276.6683
714	16.3950	333(3)	309.9338	275.2053
715	16.4150	331(3)	305.8159	273.7351
716	16.4351	323(3)	302.4962	272.2574
717	16.4552	319(3)	299.1675	270.7798
718	16.4753	313(3)	296.2858	269.3022
719	16.4952	300(3)	293.8664	267.8393
720	16.5151	294(3)	291.8692	266.3763
721	16.5351	300(3)	291.4493	266.0246
722	16.5551	302(3)	291.4946	265.6784
723	16.5750	313(3)	292.1295	265.3340
724	16.5951	307(3)	293.5232	264.9860
725	16.6150	314(3)	295.8357	264.6416
726	16.6351	315(3)	299.3154	264.2937
727	16.6551	312(3)	304.0987	263.9475
728	16.6754	316(3)	310.4242	263.5962
729	16.6954	325(3)	318.1260	263.2500
730	16.7152	332(3)	327.0750	262.9073
731	16.7351	347(3)	337.1247	262.5628
732	16.7551	359(3)	347.8452	262.2167
733	16.7751	367(3)	358.5705	261.8705
734	16.7952	381(3)	363.8513	261.5226
735	16.8153	400(3)	372.3921	261.1747
736	16.8352	404(3)	378.5254	260.8303
737	16.8553	413(3)	381.8560	260.4824
738	16.8754	414(3)	382.2143	260.1344
739	16.8952	415(3)	380.0962	259.7917
740	16.9152	405(3)	376.2793	259.4456
741	16.9352	394(3)	373.4440	259.0994
742	16.9552	383(3)	369.2106	258.7532
743	16.9753	377(3)	365.4422	258.4053
744	16.9953	366(3)	363.3719	258.0591
745	17.0153	363(3)	362.5246	257.7130
746	17.0352	354(3)	362.5289	257.3685

747	17.0552	340(3)	362.8316	257.0224
748	17.0751	340(3)	362.6996	256.6779
749	17.0951	332(3)	361.4721	256.3318
750	17.1152	330(3)	358.6377	255.9839
751	17.1352	326(3)	354.1079	255.6377
752	17.1552	324(3)	348.0524	255.2915
753	17.1755	317(3)	340.8263	254.9402
754	17.1954	319(3)	333.2771	254.5957
755	17.2155	321(3)	325.7978	254.2478
756	17.2352	319(3)	319.1362	253.9069
757	17.2553	319(3)	313.5248	253.5589
758	17.2752	317(3)	309.2806	253.2145
759	17.2952	316(3)	306.5642	252.8683
760	17.3152	316(3)	305.4514	252.5222
761	17.3352	313(3)	305.9150	252.1760
762	17.3551	326(3)	308.0177	251.9854
763	17.3752	327(3)	311.2419	251.7929
764	17.3951	330(3)	316.2359	251.6024
765	17.4153	347(3)	323.7670	251.4089
766	17.4352	358(3)	331.0001	251.2183
767	17.4553	369(3)	339.3885	251.0258
768	17.4752	374(3)	348.7007	250.8353
769	17.4951	393(3)	358.9282	250.6447
770	17.5152	405(3)	370.2040	250.4522
771	17.5352	414(3)	382.3464	250.2607
772	17.5553	434(3)	395.5597	250.0682
773	17.5754	451(3)	409.9394	249.8757
774	17.5954	477(3)	425.5395	249.6842
775	17.6154	491(4)	442.5072	249.4926
776	17.6353	515(4)	460.5479	249.3021
777	17.6554	532(4)	479.4724	249.1096
778	17.6752	561(4)	498.0533	248.9200
779	17.6952	586(4)	515.7531	248.7284
780	17.7152	601(4)	531.2134	248.5369
781	17.7351	624(4)	543.2158	248.3463
782	17.7552	636(4)	550.9849	248.1538
783	17.7752	647(4)	553.9807	247.9623
784	17.7952	663(4)	552.6515	247.7708
785	17.8152	663(4)	548.0898	247.5792
786	17.8352	650(4)	541.9751	247.3877
787	17.8553	653(4)	536.1312	247.1952
788	17.8752	645(4)	532.4246	247.0046
789	17.8950	632(4)	532.3791	246.8150
790	17.9151	622(4)	537.5265	246.6225
791	17.9350	618(4)	549.0309	246.4320
792	17.9550	619(4)	568.3181	246.2404
793	17.9750	632(4)	596.5627	246.0489
794	17.9952	650(4)	635.2431	245.8555
795	18.0152	678(4)	684.2644	245.6639
796	18.0351	720(4)	743.6408	245.4733
797	18.0551	776(4)	813.1237	245.2818
798	18.0751	847(5)	890.5669	245.0903
799	18.0952	924(5)	973.4384	244.8978
800	18.1152	1042(5)	1056.9613	244.7063

801	18.1351	1155(5)	1136.7465	244.5157
802	18.1549	1250(6)	1207.3380	244.3261
803	18.1748	1329(6)	1265.2742	244.1355
804	18.1950	1388(6)	1308.6550	243.9420
805	18.2150	1387(6)	1336.6295	243.7505
806	18.2350	1365(6)	1353.6543	243.5590
807	18.2550	1302(6)	1365.8553	243.3674
808	18.2750	1260(6)	1379.5778	243.1759
809	18.2951	1254(6)	1399.2736	242.9834
810	18.3150	1299(6)	1426.5970	242.7928
811	18.3349	1400(6)	1461.3032	242.6023
812	18.3550	1551(6)	1502.3591	242.4098
813	18.3749	1687(7)	1545.1583	242.2192
814	18.3950	1790(7)	1589.6066	242.0267
815	18.4151	1803(7)	1635.2802	241.8342
816	18.4352	1762(7)	1683.7764	241.6418
817	18.4554	1693(7)	1737.6962	241.4483
818	18.4754	1666(7)	1797.6102	241.2241
819	18.4953	1710(7)	1862.6215	240.8788
820	18.5154	1835(7)	1929.3163	240.5300
821	18.5352	1991(7)	1987.9432	240.1864
822	18.5554	2145(7)	2027.5492	239.8359
823	18.5752	2241(8)	2035.0332	239.4924
824	18.5952	2234(8)	2001.0344	239.1453
825	18.6151	2110(7)	1921.0518	238.8000
826	18.6352	1912(7)	1795.8124	238.4512
827	18.6552	1648(7)	1635.5128	238.1042
828	18.6752	1386(6)	1452.2015	237.7571
829	18.6952	1147(5)	1259.8309	237.4101
830	18.7151	957(5)	1072.4192	237.0648
831	18.7350	799(5)	899.5039	236.7194
832	18.7550	674(4)	747.6809	236.3724
833	18.7750	596(4)	621.6389	236.0254
834	18.7950	525(4)	521.9957	235.6783
835	18.8150	476(4)	447.0580	235.3313
836	18.8351	442(3)	392.9910	234.9825
837	18.8552	408(3)	356.5143	234.6337
838	18.8752	389(3)	333.2952	234.2867
839	18.8952	368(3)	319.8130	233.9396
840	18.9152	366(3)	313.2000	233.5926
841	18.9354	347(3)	311.2473	233.2420
842	18.9554	343(3)	312.3300	232.8950
843	18.9754	339(3)	315.2107	232.5480
844	18.9954	332(3)	318.9308	232.2009
845	19.0155	335(3)	322.8165	231.8521
846	19.0355	330(3)	326.2820	231.5051
847	19.0555	334(3)	328.8017	231.1580
848	19.0754	333(3)	330.5410	230.8127
849	19.0952	329(3)	331.3438	230.4691
850	19.1152	330(3)	331.4547	230.1221
851	19.1353	337(3)	330.9415	229.7733
852	19.1553	338(3)	331.4949	229.4263
853	19.1754	336(3)	333.8686	229.0775
854	19.1954	346(3)	339.5620	228.7304

855	19.2153	356(3)	350.2896	228.3851
856	19.2352	358(3)	367.9326	228.0398
857	19.2551	379(3)	394.1866	227.6945
858	19.2750	398(3)	430.6346	227.3492
859	19.2951	436(3)	478.5607	227.0004
860	19.3151	483(4)	537.2920	226.6534
861	19.3351	544(4)	605.9138	226.3063
862	19.3551	622(4)	682.1093	225.9593
863	19.3750	705(4)	762.0559	225.6140
864	19.3952	795(5)	842.9842	225.2635
865	19.4152	882(5)	918.0280	224.9164
866	19.4353	970(5)	984.0136	224.5676
867	19.4552	1040(5)	1034.8792	224.2223
868	19.4752	1100(5)	1068.7072	223.8753
869	19.4952	1120(5)	1082.0222	223.5282
870	19.5152	1109(5)	1077.8142	223.1812
871	19.5352	1092(5)	1055.5928	222.8341
872	19.5552	1038(5)	1018.9587	222.4871
873	19.5752	981(5)	972.0565	222.1400
874	19.5954	901(5)	915.9114	221.7890
875	19.6153	830(5)	856.3268	221.3931
876	19.6353	766(4)	796.6255	220.9952
877	19.6553	710(4)	740.2178	220.5973
878	19.6752	660(4)	690.2469	220.2014
879	19.6952	623(4)	648.2405	219.8034
880	19.7152	598(4)	615.5383	219.4055
881	19.7353	589(4)	592.2610	219.0056
882	19.7552	590(4)	578.2301	218.6097
883	19.7752	601(4)	572.1858	218.2118
884	19.7952	616(4)	572.7976	217.8139
885	19.8153	630(4)	577.1675	217.4140
886	19.8354	657(4)	585.6386	217.0141
887	19.8552	679(4)	594.1029	216.6201
888	19.8750	677(4)	599.9025	216.2262
889	19.8951	676(4)	601.9164	215.8263
890	19.9151	665(4)	598.5970	215.4284
891	19.9352	654(4)	590.4310	215.0285
892	19.9551	625(4)	578.5167	214.6326
893	19.9752	595(4)	564.1302	214.2327
894	19.9952	572(4)	548.8478	213.8347
895	20.0152	543(4)	533.5786	213.4368
896	20.0351	506(4)	518.8223	213.0409
897	20.0550	485(4)	504.3928	212.6450
898	20.0751	461(3)	489.6447	212.2451
899	20.0951	430(3)	474.1507	211.8471
900	20.1151	413(3)	457.2096	211.4493
901	20.1350	401(3)	438.9222	211.0533
902	20.1549	390(3)	419.2568	210.6574
903	20.1750	373(3)	398.5073	210.2575
904	20.1952	354(3)	377.5876	209.8556
905	20.2152	344(3)	357.9106	209.4577
906	20.2353	328(3)	339.0079	209.0578
907	20.2552	318(3)	322.2499	208.6619
908	20.2752	309(3)	307.7790	208.2639

909	20.2953	298(3)	295.8586	207.8641
910	20.3152	296(3)	286.5714	207.4681
911	20.3352	296(3)	279.5180	207.0702
912	20.3552	293(3)	274.3818	206.6723
913	20.3751	298(3)	270.7515	206.2764
914	20.3950	304(3)	268.1872	205.8804
915	20.4151	306(3)	266.2979	205.4805
916	20.4351	304(3)	264.9299	205.0826
917	20.4552	294(3)	263.9032	204.6827
918	20.4753	293(3)	263.1997	204.2828
919	20.4952	288(3)	262.8790	203.8869
920	20.5151	280(3)	263.0408	203.4910
921	20.5351	282(3)	263.8127	203.0931
922	20.5550	276(3)	265.3026	202.6971
923	20.5752	276(3)	267.8486	202.5017
924	20.5950	278(3)	271.4164	202.4483
925	20.6150	287(3)	275.7704	202.3944
926	20.6351	285(3)	281.2000	202.3403
927	20.6553	292(3)	287.6808	202.2858
928	20.6754	297(3)	295.2635	202.2317
929	20.6954	304(3)	303.9579	202.1778
930	20.7153	315(3)	314.4426	202.1242
931	20.7351	320(3)	327.0053	202.0708
932	20.7552	331(3)	342.4695	202.0167
933	20.7752	347(3)	361.1432	201.9628
934	20.7952	365(3)	384.1580	201.9089
935	20.8153	392(3)	412.1565	201.8547
936	20.8354	424(3)	445.5399	201.8006
937	20.8553	458(3)	484.1260	201.7470
938	20.8754	517(4)	528.5808	201.6928
939	20.8953	577(4)	577.0464	201.6392
940	20.9152	628(4)	629.9602	201.5856
941	20.9353	709(4)	686.2052	201.5314
942	20.9553	765(4)	743.5740	201.4775
943	20.9752	828(5)	800.5175	201.4239
944	20.9954	902(5)	856.6145	201.3695
945	21.0153	976(5)	908.3042	201.3159
946	21.0352	1039(5)	954.2394	201.2622
947	21.0552	1089(5)	992.0201	201.2083
948	21.0752	1127(5)	1018.9879	201.1545
949	21.0951	1161(5)	1033.4854	201.1008
950	21.1152	1158(5)	1035.3572	201.0467
951	21.1353	1145(5)	1025.3323	200.9925
952	21.1552	1118(5)	1005.2657	200.9389
953	21.1755	1082(5)	976.3904	200.8842
954	21.1955	1032(5)	941.4827	200.8303
955	21.2154	972(5)	902.1581	200.7767
956	21.2354	904(5)	859.7648	200.7228
957	21.2552	855(5)	817.4918	200.6695
958	21.2753	774(4)	773.5767	200.6153
959	21.2952	711(4)	730.2172	200.5617
960	21.3152	641(4)	688.6512	200.5078
961	21.3351	584(4)	649.1141	200.4542
962	21.3552	542(4)	610.9745	200.4000



963	21.3752	507(4)	575.0982	200.3461
964	21.3951	472(3)	542.0867	200.2925
965	21.4152	461(3)	512.1092	200.2384
966	21.4352	446(3)	485.1457	200.1845
967	21.4554	425(3)	461.2898	200.1300
968	21.4752	425(3)	441.6418	200.0767
969	21.4951	411(3)	425.2091	200.0231
970	21.5152	409(3)	412.3589	199.9689
971	21.5352	401(3)	403.2878	199.9150
972	21.5553	395(3)	397.6849	199.8609
973	21.5754	394(3)	395.1006	199.8067
974	21.5954	384(3)	394.8056	199.7528
975	21.6154	379(3)	395.8066	199.6989
976	21.6354	387(3)	397.0314	199.7148
977	21.6554	380(3)	397.2456	199.7526
978	21.6752	376(3)	395.4222	199.7900
979	21.6953	371(3)	390.8384	199.8280
980	21.7151	359(3)	383.9427	199.8655
981	21.7352	347(3)	374.0280	199.9035
982	21.7552	341(3)	362.4065	199.9413
983	21.7752	332(3)	349.8684	199.9791
984	21.7953	321(3)	337.1238	200.0172
985	21.8152	310(3)	324.9882	200.0548
986	21.8352	301(3)	314.4084	200.0926
987	21.8553	299(3)	304.3758	200.1306
988	21.8751	291(3)	295.9018	200.1681
989	21.8950	290(3)	288.9178	200.2057
990	21.9150	285(3)	283.4160	200.2435
991	21.9351	279(3)	279.6064	200.2815
992	21.9550	288(3)	277.3388	200.3192
993	21.9751	288(3)	276.7433	200.3572
994	21.9952	290(3)	277.9064	200.3952
995	22.0152	302(3)	280.8950	200.4330
996	22.0351	302(3)	285.4984	200.4707
997	22.0551	305(3)	291.6978	200.5085
998	22.0751	305(3)	299.2231	200.5463
999	22.0952	299(3)	307.4146	200.5843
1000	22.1152	295(3)	316.2861	200.6221
1001	22.1351	295(3)	324.8170	200.6598
1002	22.1549	296(3)	332.3522	200.6972
1003	22.1748	298(3)	338.3656	200.7349
1004	22.1949	298(3)	342.4686	200.7729
1005	22.2150	304(3)	344.4931	200.8109
1006	22.2350	302(3)	344.7286	200.8487
1007	22.2550	315(3)	343.7552	200.8865
1008	22.2750	321(3)	342.3129	200.9244
1009	22.2951	334(3)	341.1698	200.9624
1010	22.3150	343(3)	341.0369	201.0000
1011	22.3350	362(3)	342.4159	201.0378
1012	22.3550	377(3)	345.2571	201.0757
1013	22.3750	382(3)	350.5248	201.1135
1014	22.3950	382(3)	357.9155	201.1513
1015	22.4150	391(3)	367.4308	201.1891
1016	22.4352	387(3)	378.9959	201.2273

1017	22.4554	388(3)	392.2443	201.2655
1018	22.4754	399(3)	406.2697	201.3034
1019	22.4954	406(3)	419.6628	201.3412
1020	22.5154	409(3)	432.2502	201.3790
1021	22.5352	418(3)	442.1058	201.4165
1022	22.5553	416(3)	447.6143	201.4545
1023	22.5752	412(3)	448.7536	201.4921
1024	22.5951	405(3)	445.4963	201.5297
1025	22.6151	393(3)	437.8633	201.5676
1026	22.6352	382(3)	426.6638	201.6056
1027	22.6551	371(3)	415.4669	201.6432
1028	22.6752	358(3)	404.2648	201.6812
1029	22.6951	350(3)	394.4291	201.7189
1030	22.7151	345(3)	386.4596	201.7567
1031	22.7349	340(3)	380.7991	201.7373
1032	22.7550	336(3)	377.3427	201.6777
1033	22.7750	338(3)	375.9442	201.6183
1034	22.7950	343(3)	376.1274	201.5590
1035	22.8150	348(3)	377.4640	201.4997
1036	22.8351	355(3)	379.7656	201.4401
1037	22.8552	367(3)	382.9567	201.3804
1038	22.8752	378(3)	387.9119	201.3211
1039	22.8952	388(3)	395.0297	201.2618
1040	22.9152	408(3)	404.8995	201.2025
1041	22.9354	424(3)	417.9597	201.1425
1042	22.9554	445(3)	434.0412	201.0832
1043	22.9754	472(3)	452.9931	201.0239
1044	22.9955	504(4)	474.3655	200.9642
1045	23.0155	533(4)	497.1415	200.9049
1046	23.0354	564(4)	520.4037	200.8459
1047	23.0555	597(4)	543.7999	200.7863
1048	23.0754	613(4)	565.7683	200.7272
1049	23.0952	650(4)	586.3654	200.6685
1050	23.1152	657(4)	605.5828	200.6092
1051	23.1352	672(4)	623.1414	200.5498
1052	23.1553	678(4)	638.5454	200.4902
1053	23.1754	684(4)	651.1050	200.4306
1054	23.1954	670(4)	659.1585	200.3713
1055	23.2153	670(4)	662.4474	200.3122
1056	23.2352	650(4)	659.3307	200.2532
1057	23.2551	624(4)	649.0550	200.1942
1058	23.2750	600(4)	631.9155	200.1351
1059	23.2951	579(4)	608.7389	200.0755
1060	23.3150	552(4)	581.6010	200.0165
1061	23.3351	513(4)	551.7518	199.9568
1062	23.3551	477(4)	521.3115	199.8975
1063	23.3752	456(3)	491.4646	199.8379
1064	23.3952	426(3)	463.7271	199.7786
1065	23.4152	415(3)	438.8360	199.7192
1066	23.4353	392(3)	417.2653	199.6596
1067	23.4552	385(3)	399.5388	199.6006
1068	23.4752	380(3)	385.6993	199.5413
1069	23.4952	367(3)	374.6959	199.4819
1070	23.5152	360(3)	366.3890	199.4226

1071	23.5352	361(3)	359.9491	199.3633
1072	23.5551	348(3)	354.8245	199.3042
1073	23.5753	344(3)	350.3539	199.2443
1074	23.5953	337(3)	345.7539	199.1850
1075	23.6154	332(3)	340.7850	199.1254
1076	23.6353	327(3)	335.3168	199.0663
1077	23.6552	317(3)	329.3499	199.0073
1078	23.6752	306(3)	323.1788	198.9480
1079	23.6952	294(3)	316.9394	198.8886
1080	23.7152	285(3)	310.9130	198.8293
1081	23.7353	283(3)	305.3773	198.7697
1082	23.7552	280(3)	300.7143	198.7106
1083	23.7752	268(3)	297.1300	198.6513
1084	23.7952	270(3)	294.7604	198.5920
1085	23.8154	265(3)	293.7418	198.5321
1086	23.8353	259(3)	294.1966	198.5174
1087	23.8552	260(3)	295.8261	198.5457
1088	23.8751	263(3)	298.4064	198.5740
1089	23.8950	268(3)	301.2371	198.6023
1090	23.9151	257(3)	304.6599	198.6309
1091	23.9351	264(3)	307.7202	198.6593
1092	23.9552	260(3)	309.9409	198.6879
1093	23.9751	256(3)	311.0560	198.7162
1094	23.9953	254(3)	310.6159	198.7449
1095	24.0152	263(3)	308.8487	198.7732
1096	24.0350	262(3)	306.0382	198.8014
1097	24.0550	263(3)	302.5519	198.8298
1098	24.0751	272(3)	298.6475	198.8584
1099	24.0951	275(3)	294.7099	198.8869
1100	24.1150	277(3)	291.0053	198.9152
1101	24.1350	275(3)	287.5190	198.9436
1102	24.1550	272(3)	284.6371	198.9720
1103	24.1750	275(3)	282.5631	199.0005
1104	24.1952	270(3)	281.0283	199.0292
1105	24.2152	269(3)	280.4760	199.0577
1106	24.2353	265(3)	281.0953	199.0863
1107	24.2552	269(3)	282.9387	199.1146
1108	24.2752	269(3)	285.8281	199.1430
1109	24.2952	276(3)	290.1898	199.1714
1110	24.3151	278(3)	295.5059	199.1998
1111	24.3352	284(3)	301.5713	199.2283
1112	24.3552	289(3)	307.9451	199.2568
1113	24.3751	289(3)	314.3146	199.2851
1114	24.3950	296(3)	320.4212	199.3134
1115	24.4150	299(3)	326.0698	199.3418
1116	24.4351	309(3)	331.1193	199.3704
1117	24.4553	306(3)	335.4492	199.3991
1118	24.4753	305(3)	338.8968	199.4276
1119	24.4952	316(3)	341.4430	199.4559
1120	24.5151	310(3)	342.8927	199.4842
1121	24.5351	307(3)	343.4477	199.5126
1122	24.5551	308(3)	343.1554	199.5411
1123	24.5751	308(3)	342.1956	199.5695
1124	24.5950	308(3)	341.0082	199.5978

1125	24.6150	308(3)	339.6162	199.6263
1126	24.6352	307(3)	338.3216	199.6550
1127	24.6552	309(3)	337.2120	199.6834
1128	24.6754	305(3)	335.5088	199.7122
1129	24.6954	301(3)	334.2595	199.7406
1130	24.7153	301(3)	332.4329	199.7689
1131	24.7352	289(3)	329.6812	199.7972
1132	24.7552	292(3)	325.7618	199.8257
1133	24.7752	287(3)	320.6768	199.8541
1134	24.7952	283(3)	314.6433	199.8826
1135	24.8154	277(3)	307.9708	199.9064
1136	24.8353	270(3)	300.7975	199.4520
1137	24.8554	272(3)	293.8382	198.9930
1138	24.8754	263(3)	287.5244	198.5363
1139	24.8952	267(3)	282.0855	198.0842
1140	24.9153	267(3)	277.5170	197.6252
1141	24.9352	263(3)	273.3579	197.1707
1142	24.9552	262(3)	270.6406	196.7140
1143	24.9754	259(3)	268.7273	196.2528
1144	24.9953	253(3)	267.3797	195.7983
1145	25.0153	261(3)	266.9372	195.3417
1146	25.0352	259(3)	267.1671	194.8872
1147	25.0552	267(3)	268.0562	194.4305
1148	25.0752	270(3)	269.5877	193.9738
1149	25.0951	267(3)	271.7242	193.5194
1150	25.1152	272(3)	274.5923	193.0604
1151	25.1352	281(3)	278.0031	192.6037
1152	25.1554	282(3)	282.0325	192.1424
1153	25.1754	287(3)	286.7899	191.6857
1154	25.1955	288(3)	292.8005	191.2267
1155	25.2154	292(3)	299.9140	190.7723
1156	25.2353	300(3)	308.6185	190.3179
1157	25.2552	305(3)	319.0546	189.8635
1158	25.2752	317(3)	331.2343	189.4068
1159	25.2952	319(3)	344.7900	188.9501
1160	25.3152	338(3)	358.9378	188.4934
1161	25.3352	351(3)	373.5413	188.0367
1162	25.3552	356(3)	387.4029	187.5800
1163	25.3752	367(3)	399.6316	187.1232
1164	25.3951	381(3)	409.4330	186.6688
1165	25.4152	385(3)	416.4756	186.2099
1166	25.4354	393(3)	420.4194	185.6124
1167	25.4552	397(3)	421.7692	184.9560
1168	25.4752	394(3)	420.9247	184.2930
1169	25.4951	401(3)	418.2635	183.6332
1170	25.5152	390(3)	415.0443	182.9669
1171	25.5352	395(3)	411.3404	182.3039
1172	25.5553	393(3)	407.4168	181.6375
1173	25.5754	387(3)	403.2490	180.9712
1174	25.5954	379(3)	398.6434	180.3082
1175	25.6154	376(3)	393.1520	179.6451
1176	25.6354	364(3)	386.3119	178.9821
1177	25.6554	355(3)	377.8073	178.3191
1178	25.6752	350(3)	367.7200	177.6627

1179	25.6951	338(3)	356.1624	177.0030
1180	25.7152	323(3)	343.5061	176.3366
1181	25.7352	317(3)	330.3560	175.6736
1182	25.7552	306(3)	317.0753	175.0106
1183	25.7752	294(3)	304.5577	174.3476
1184	25.7952	292(3)	291.7987	173.6845
1185	25.8152	271(3)	279.5086	173.0215
1186	25.8353	264(3)	267.7137	172.3551
1187	25.8552	251(3)	256.6828	171.6954
1188	25.8751	249(3)	246.4171	171.0358
1189	25.8950	247(3)	236.9800	170.3760
1190	25.9151	238(2)	228.3912	169.7097
1191	25.9350	232(2)	220.8542	169.0500
1192	25.9550	232(2)	214.2441	168.3869
1193	25.9752	227(2)	208.5241	167.7173
1194	25.9952	226(2)	203.7462	167.0543
1195	26.0151	216(2)	199.7998	166.3945
1196	26.0351	216(2)	196.5436	165.7316
1197	26.0551	212(2)	194.0140	165.0685
1198	26.0751	212(2)	192.9085	164.4055
1199	26.0952	211(2)	191.7040	163.7391
1200	26.1152	208(2)	191.0312	163.0761
1201	26.1350	207(2)	191.3030	162.4197
1202	26.1549	210(2)	193.2450	162.2383
1203	26.1747	212(2)	195.9231	162.3278
1204	26.1950	218(2)	199.4239	162.4194
1205	26.2150	220(2)	204.1077	162.5098
1206	26.2350	229(2)	209.7661	162.6001
1207	26.2550	242(3)	216.3716	162.6904
1208	26.2750	243(3)	223.7244	162.7807
1209	26.2951	242(3)	231.7009	162.8715
1210	26.3149	233(2)	239.8979	162.9609
1211	26.3350	229(2)	248.3298	163.0517
1212	26.3550	225(2)	256.4788	163.1420
1213	26.3750	235(2)	264.1442	163.2323
1214	26.3949	233(2)	271.0104	163.3222
1215	26.4151	240(3)	276.6285	163.4134
1216	26.4352	256(3)	281.0964	163.5042
1217	26.4554	261(3)	283.7805	163.5954
1218	26.4754	268(3)	284.4515	163.6857
1219	26.4954	274(3)	283.0914	163.7761
1220	26.5153	272(3)	279.9126	163.8659
1221	26.5353	268(3)	275.2957	163.9563
1222	26.5553	262(3)	269.7882	164.0466
1223	26.5752	263(3)	263.9628	164.1364
1224	26.5951	259(3)	258.4266	164.2263
1225	26.6151	254(3)	253.1889	164.3166
1226	26.6352	262(3)	248.7169	164.4074
1227	26.6552	260(3)	245.2202	164.4977
1228	26.6752	250(3)	242.7768	164.5881
1229	26.6951	248(3)	241.6034	164.6779
1230	26.7151	253(3)	241.2923	164.7682
1231	26.7350	252(3)	241.9583	164.8581
1232	26.7550	247(3)	243.2760	164.9484

1233	26.7750	247(3)	244.8380	165.0388
1234	26.7950	249(3)	246.7082	165.1291
1235	26.8151	245(3)	248.7255	165.2198
1236	26.8351	242(3)	250.0618	165.3102
1237	26.8551	237(2)	250.9629	165.4005
1238	26.8752	231(2)	251.4014	165.4913
1239	26.8952	236(2)	251.4276	165.5816
1240	26.9152	230(2)	251.1068	165.6719
1241	26.9354	232(2)	250.5030	165.7631
1242	26.9554	230(2)	249.7203	165.8703
1243	26.9754	224(2)	248.9202	166.0658
1244	26.9954	226(2)	248.1500	166.2614
1245	27.0155	229(2)	247.6060	166.4579
1246	27.0354	230(2)	247.5575	166.6524
1247	27.0555	233(2)	248.3103	166.8489
1248	27.0753	236(2)	250.0717	167.0425
1249	27.0952	243(3)	253.5028	167.2370
1250	27.1152	247(3)	258.4655	167.4326
1251	27.1353	253(3)	264.8455	167.6291
1252	27.1553	259(3)	273.2791	167.8246
1253	27.1754	265(3)	283.4743	168.0211
1254	27.1954	273(3)	295.0795	168.2167
1255	27.2153	280(3)	307.7972	168.4112
1256	27.2352	289(3)	321.1434	168.6058
1257	27.2551	298(3)	334.4469	168.8003
1258	27.2750	308(3)	346.9690	168.9949
1259	27.2950	321(3)	357.7906	169.1904
1260	27.3150	322(3)	365.8657	169.3859
1261	27.3351	336(3)	370.4180	169.5824
1262	27.3552	335(3)	370.6741	169.7789
1263	27.3751	342(3)	367.0709	169.9735
1264	27.3952	337(3)	359.9564	170.1700
1265	27.4152	333(3)	350.3499	170.3655
1266	27.4353	328(3)	339.3070	170.5620
1267	27.4551	330(3)	328.0605	170.7556
1268	27.4753	324(3)	317.1505	170.9531
1269	27.4951	323(3)	307.8005	171.1467
1270	27.5153	319(3)	300.2488	171.3442
1271	27.5352	322(3)	294.8106	171.5387
1272	27.5552	327(3)	292.3950	171.7343
1273	27.5752	333(3)	292.7457	171.9298
1274	27.5954	342(3)	295.7794	172.1273
1275	27.6152	348(3)	301.0231	172.3208
1276	27.6354	371(3)	308.0896	172.5183
1277	27.6552	394(3)	316.1342	172.7119
1278	27.6752	423(3)	323.9562	172.9074
1279	27.6952	458(3)	330.8222	173.1030
1280	27.7152	473(4)	335.7695	173.2985
1281	27.7353	489(4)	338.3592	173.4950
1282	27.7552	479(4)	338.4699	173.6896
1283	27.7752	456(3)	336.1423	173.5271
1284	27.7952	422(3)	332.0401	173.1720
1285	27.8154	387(3)	327.5960	172.8133
1286	27.8352	361(3)	323.9450	172.4617

1287	27.8551	347(3)	321.9911	172.1084
1288	27.8751	336(3)	322.5624	171.7532
1289	27.8951	336(3)	326.4573	171.3981
1290	27.9151	334(3)	333.1964	171.0429
1291	27.9351	340(3)	342.9577	170.6878
1292	27.9551	345(3)	355.3666	170.3327
1293	27.9752	351(3)	370.1158	169.9758
1294	27.9952	361(3)	386.5304	169.6206
1295	28.0152	364(3)	404.3207	169.2655
1296	28.0350	376(3)	423.0997	168.9139
1297	28.0550	393(3)	443.0809	168.5587
1298	28.0751	416(3)	464.2547	168.2018
1299	28.0950	434(3)	486.3159	167.8485
1300	28.1151	465(3)	509.7827	167.4916
1301	28.1351	491(4)	534.1097	167.1364
1302	28.1549	520(4)	558.7618	166.7848
1303	28.1751	551(4)	583.8117	166.4261
1304	28.1951	574(4)	607.8748	166.0710
1305	28.2152	601(4)	630.3178	165.7141
1306	28.2353	628(4)	649.9478	165.3571
1307	28.2552	649(4)	665.4499	165.0038
1308	28.2752	670(4)	675.8068	164.6487
1309	28.2952	681(4)	679.6049	164.2935
1310	28.3152	675(4)	675.6866	163.9384
1311	28.3352	668(4)	663.4143	163.5832
1312	28.3552	648(4)	642.9873	163.2281
1313	28.3751	618(4)	615.7169	162.8747
1314	28.3950	583(4)	583.3392	162.5213
1315	28.4150	551(4)	548.3638	162.1662
1316	28.4352	515(4)	513.1301	161.8075
1317	28.4553	470(4)	481.3062	161.8118
1318	28.4754	457(3)	454.8785	161.8560
1319	28.4951	441(3)	436.0993	161.8993
1320	28.5151	423(3)	425.4929	161.9432
1321	28.5351	419(3)	423.7777	161.9872
1322	28.5551	421(3)	430.3618	162.0311
1323	28.5751	434(3)	443.6746	162.0751
1324	28.5950	447(3)	461.3066	162.1189
1325	28.6150	460(3)	480.5044	162.1628
1326	28.6352	473(4)	498.3322	162.2072
1327	28.6552	478(4)	511.6683	162.2512
1328	28.6754	480(4)	518.8539	162.2956
1329	28.6954	477(4)	518.8826	162.3395
1330	28.7154	464(3)	512.9644	162.3835
1331	28.7352	453(3)	501.0810	162.4270
1332	28.7552	437(3)	485.5989	162.4710
1333	28.7752	421(3)	468.8754	162.5149
1334	28.7952	419(3)	452.8554	162.5589
1335	28.8154	411(3)	438.8492	162.6033
1336	28.8353	409(3)	427.4276	162.6470
1337	28.8554	419(3)	418.4927	162.6912
1338	28.8753	414(3)	411.5093	162.7349
1339	28.8953	402(3)	405.3550	162.7789
1340	28.9153	389(3)	399.3260	162.8229

1341	28.9353	383(3)	392.1973	162.8668
1342	28.9552	363(3)	384.9021	162.9106
1343	28.9754	354(3)	376.6285	162.9550
1344	28.9954	338(3)	367.6622	162.9989
1345	29.0153	326(3)	358.9191	163.0427
1346	29.0352	323(3)	349.0862	163.0864
1347	29.0553	307(3)	339.4946	163.1306
1348	29.0752	306(3)	330.3234	163.1743
1349	29.0952	300(3)	322.1449	163.2183
1350	29.1151	291(3)	315.5322	163.2620
1351	29.1353	287(3)	311.0368	163.3430
1352	29.1554	290(3)	309.0447	164.0550
1353	29.1754	290(3)	309.1824	164.7634
1354	29.1955	285(3)	311.4215	165.4754
1355	29.2154	294(3)	315.1879	166.1803
1356	29.2354	296(3)	320.2256	166.8887
1357	29.2552	297(3)	325.9807	167.5901
1358	29.2753	301(3)	332.2286	168.3021
1359	29.2952	307(3)	338.1539	169.0070
1360	29.3153	305(3)	343.5713	169.7190
1361	29.3352	316(3)	347.9681	170.4239
1362	29.3552	321(3)	351.0690	171.1323
1363	29.3752	316(3)	352.6199	171.8408
1364	29.3951	335(3)	352.5226	172.5457
1365	29.4153	335(3)	350.8674	173.2612
1366	29.4353	347(3)	347.9700	173.9696
1367	29.4552	348(3)	343.9709	174.6745
1368	29.4753	345(3)	339.5383	175.3865
1369	29.4951	343(3)	334.3185	176.0879
1370	29.5152	342(3)	328.4203	176.7999
1371	29.5353	333(3)	321.7428	177.5118
1372	29.5553	322(3)	314.6373	178.2203
1373	29.5754	316(3)	306.9081	178.9323
1374	29.5954	299(3)	298.5555	179.6407
1375	29.6154	298(3)	290.2133	180.3492
1376	29.6354	289(3)	281.8038	181.0576
1377	29.6554	282(3)	273.7816	181.7660
1378	29.6752	281(3)	266.4347	182.4674
1379	29.6952	274(3)	259.9953	183.1759
1380	29.7151	278(3)	254.8669	183.8807
1381	29.7352	274(3)	251.0322	184.3691
1382	29.7552	276(3)	248.9778	184.7980
1383	29.7752	276(3)	249.0113	185.2269
1384	29.7952	277(3)	251.2852	185.6557
1385	29.8153	287(3)	256.0655	186.0868
1386	29.8353	298(3)	263.4661	186.5157
1387	29.8552	308(3)	273.2313	186.9424
1388	29.8751	325(3)	286.1172	187.3691
1389	29.8950	329(3)	301.5081	187.7959
1390	29.9150	351(3)	319.6716	188.2247
1391	29.9351	367(3)	339.7171	188.6558
1392	29.9550	389(3)	361.2855	189.0825
1393	29.9751	414(3)	384.2413	189.5135
1394	29.9952	434(3)	407.9520	189.9445



1395	30.0152	454(3)	431.8381	190.3734
1396	30.0351	475(4)	455.4097	190.8001
1397	30.0551	489(4)	478.5449	191.2290
1398	30.0751	513(4)	500.7691	191.6579
1399	30.0952	529(4)	521.8260	192.0889
1400	30.1152	548(4)	541.0679	192.5178
1401	30.1351	560(4)	558.3197	192.9445
1402	30.1549	567(4)	573.9788	193.3691
1403	30.1748	578(4)	588.5511	193.7959
1404	30.1949	589(4)	602.9011	194.2269
1405	30.2150	601(4)	617.6683	194.6579
1406	30.2350	611(4)	633.2271	195.0868
1407	30.2550	633(4)	649.5173	195.5157
1408	30.2750	645(4)	665.7123	195.9446
1409	30.2951	671(4)	680.3281	196.3756
1410	30.3150	690(4)	690.5965	196.8024
1411	30.3350	712(4)	696.2390	197.2312
1412	30.3550	719(4)	694.8173	197.6601
1413	30.3750	711(4)	685.2181	198.0890
1414	30.3950	690(4)	667.4297	198.5179
1415	30.4151	665(4)	641.7286	198.9489
1416	30.4352	626(4)	609.5596	199.3799
1417	30.4554	588(4)	572.7606	199.8131
1418	30.4754	546(4)	534.0656	200.0488
1419	30.4954	505(4)	495.5375	200.2235
1420	30.5154	471(4)	459.1091	200.3983
1421	30.5353	441(3)	426.7606	200.5721
1422	30.5553	407(3)	399.0276	200.7469
1423	30.5752	388(3)	376.7405	200.9207
1424	30.5951	376(3)	359.7582	201.0946
1425	30.6151	363(3)	347.6292	201.2693
1426	30.6352	355(3)	339.7832	201.4449
1427	30.6552	345(3)	335.5110	201.6196
1428	30.6752	342(3)	334.3835	201.7944
1429	30.6951	339(3)	335.6107	201.9682
1430	30.7151	343(3)	339.3172	202.1430
1431	30.7350	339(3)	346.1721	202.3168
1432	30.7549	344(3)	356.0113	202.4907
1433	30.7750	363(3)	370.3669	202.6663
1434	30.7950	378(3)	389.8118	202.8410
1435	30.8150	399(3)	414.9928	203.0158
1436	30.8351	425(3)	446.1561	203.1914
1437	30.8551	473(4)	482.3730	203.3661
1438	30.8752	525(4)	522.3184	203.5417
1439	30.8952	588(4)	563.7609	203.7164
1440	30.9152	650(4)	603.7428	203.8912
1441	30.9354	705(4)	639.3417	204.0677
1442	30.9554	755(4)	666.7451	204.2424
1443	30.9754	773(4)	684.1417	204.4171
1444	30.9955	766(4)	689.7714	204.5927
1445	31.0154	736(4)	683.8700	204.7666
1446	31.0355	681(4)	667.6882	204.9422
1447	31.0554	635(4)	644.1254	205.1160
1448	31.0754	594(4)	615.5924	205.2908

1449	31.0952	559(4)	585.7668	205.4638
1450	31.1152	518(4)	556.7325	205.6385
1451	31.1352	498(4)	530.7546	205.8132
1452	31.1553	477(4)	508.8301	205.9888
1453	31.1754	460(3)	491.4205	206.1644
1454	31.1954	466(3)	478.3044	206.3392
1455	31.2152	462(3)	468.7876	206.5122
1456	31.2352	474(4)	461.8018	206.6869
1457	31.2551	465(3)	456.5542	206.8608
1458	31.2750	472(4)	452.1313	207.0346
1459	31.2950	483(4)	447.7920	207.2094
1460	31.3151	479(4)	442.6656	207.3850
1461	31.3351	481(4)	436.7766	207.5597
1462	31.3551	470(4)	430.7068	207.7344
1463	31.3751	471(4)	425.4767	207.9091
1464	31.3952	463(3)	422.7367	208.0847
1465	31.4153	467(3)	424.5732	208.2604
1466	31.4351	479(4)	432.9098	208.4334
1467	31.4552	485(4)	450.0428	208.6090
1468	31.4751	503(4)	477.3405	208.7828
1469	31.4952	530(4)	515.9097	208.9584
1470	31.5152	591(4)	564.7180	209.1332
1471	31.5352	665(4)	621.6327	209.3079
1472	31.5551	756(4)	683.1436	209.4818
1473	31.5752	859(5)	744.9408	209.6573
1474	31.5954	960(5)	800.7079	209.8338
1475	31.6152	1037(5)	843.4171	210.0068
1476	31.6354	1057(5)	869.8636	210.1833
1477	31.6551	1044(5)	876.0276	210.3554
1478	31.6752	976(5)	861.6617	210.5310
1479	31.6952	886(5)	828.5463	210.7057
1480	31.7152	784(5)	781.2549	210.8805
1481	31.7352	684(4)	725.2939	211.0552
1482	31.7552	615(4)	666.7159	211.2299
1483	31.7752	549(4)	611.3303	211.4047
1484	31.7952	514(4)	563.6519	211.5794
1485	31.8154	504(4)	526.2436	211.7559
1486	31.8353	489(4)	501.2971	211.8786
1487	31.8552	497(4)	487.2938	211.9266
1488	31.8750	520(4)	483.0846	211.9744
1489	31.8951	537(4)	486.6477	212.0229
1490	31.9151	561(4)	495.2545	212.0712
1491	31.9351	579(4)	505.6293	212.1195
1492	31.9552	601(4)	516.9904	212.1681
1493	31.9752	607(4)	526.0526	212.2164
1494	31.9952	596(4)	531.2095	212.2647
1495	32.0152	572(4)	531.2683	212.3130
1496	32.0350	553(4)	526.4135	212.3608
1497	32.0550	526(4)	516.1158	212.4091
1498	32.0751	494(4)	501.8621	212.4576
1499	32.0951	465(4)	484.8615	212.5059
1500	32.1150	439(3)	466.4816	212.5540
1501	32.1351	413(3)	447.5640	212.6025
1502	32.1549	403(3)	429.3900	212.6503

1503	32.1751	392(3)	411.7728	212.6991
1504	32.1951	370(3)	395.6083	212.7474
1505	32.2152	372(3)	380.8299	212.7959
1506	32.2352	363(3)	367.6935	212.8442
1507	32.2554	360(3)	356.0253	212.8930
1508	32.2751	350(3)	346.3521	212.9406
1509	32.2952	348(3)	338.2016	212.9891
1510	32.3152	342(3)	331.8098	213.0374
1511	32.3352	343(3)	327.0699	213.0857
1512	32.3552	345(3)	323.8776	213.1340
1513	32.3751	344(3)	321.9927	213.1820
1514	32.3950	344(3)	321.1927	213.2301
1515	32.4150	340(3)	321.1691	213.2784
1516	32.4352	342(3)	321.6083	213.3271
1517	32.4552	336(3)	322.2386	213.3754
1518	32.4754	334(3)	322.6666	213.4242
1519	32.4951	336(3)	322.7969	213.4718
1520	32.5151	338(3)	322.6425	213.5201
1521	32.5351	335(3)	322.3504	213.5684
1522	32.5551	334(3)	322.3634	213.6167
1523	32.5751	336(3)	323.2308	213.6650
1524	32.5950	341(3)	325.5489	213.7130
1525	32.6151	340(3)	329.9372	213.7616
1526	32.6352	343(3)	336.8349	213.8101
1527	32.6552	356(3)	346.3575	213.8584
1528	32.6753	372(3)	358.4991	213.9069
1529	32.6954	390(3)	373.1972	213.9555
1530	32.7153	409(3)	388.6484	214.0035
1531	32.7352	433(3)	404.3157	214.0516
1532	32.7552	452(3)	419.3319	214.0999
1533	32.7751	465(3)	431.9784	214.1479
1534	32.7952	480(4)	441.9380	214.1965
1535	32.8154	476(4)	448.1368	214.2452
1536	32.8354	457(3)	449.8989	214.2935
1537	32.8554	453(3)	447.5065	214.3418
1538	32.8753	427(3)	441.1880	214.3899
1539	32.8952	411(3)	431.5653	214.4379
1540	32.9152	390(3)	419.2001	214.4862
1541	32.9353	379(3)	405.1619	214.5348
1542	32.9552	365(3)	390.4582	214.5828
1543	32.9754	353(3)	375.5637	214.6316
1544	32.9953	342(3)	361.5486	214.6796
1545	33.0153	339(3)	348.5569	214.7279
1546	33.0352	333(3)	337.0083	214.7760
1547	33.0553	329(3)	326.9207	214.8245
1548	33.0752	316(3)	318.5897	214.8726
1549	33.0951	315(3)	311.9932	214.9206
1550	33.1151	305(3)	306.9958	214.9689
1551	33.1354	305(3)	303.4474	214.8649
1552	33.1553	300(3)	301.5113	214.7455
1553	33.1754	302(3)	301.0612	214.6250
1554	33.1955	302(3)	302.0181	214.5045
1555	33.2154	297(3)	304.1274	214.3851
1556	33.2354	302(3)	307.3399	214.2652

1557	33.2552	309(3)	311.5043	214.1465
1558	33.2753	312(3)	316.6208	214.0259
1559	33.2952	314(3)	321.9167	213.9066
1560	33.3152	320(3)	328.2782	213.7867
1561	33.3352	322(3)	335.3761	213.6667
1562	33.3552	329(3)	342.5956	213.5468
1563	33.3752	333(3)	349.6189	213.4268
1564	33.3952	334(3)	356.0394	213.3069
1565	33.4152	343(3)	361.3994	213.1870
1566	33.4354	344(3)	365.2171	213.0659
1567	33.4552	343(3)	367.1260	212.9471
1568	33.4752	351(3)	366.8520	212.8272
1569	33.4951	349(3)	364.3150	212.7078
1570	33.5152	347(3)	359.7218	212.5873
1571	33.5352	352(3)	353.3244	212.4674
1572	33.5554	347(3)	345.6524	212.3463
1573	33.5753	343(3)	337.5547	212.2269
1574	33.5954	335(3)	329.5929	212.1064
1575	33.6155	332(3)	322.6657	211.9858
1576	33.6354	332(3)	317.0165	211.8665
1577	33.6554	324(3)	312.9525	211.7466
1578	33.6752	323(3)	311.2121	211.6278
1579	33.6951	321(3)	311.6011	211.5085
1580	33.7152	318(3)	314.0528	211.3880
1581	33.7352	319(3)	318.0514	211.2680
1582	33.7552	317(3)	323.4123	211.1481
1583	33.7752	321(3)	329.2894	211.0282
1584	33.7952	314(3)	335.0143	210.9082
1585	33.8153	316(3)	340.2972	210.7877
1586	33.8353	324(3)	344.5256	210.6678
1587	33.8552	328(3)	347.5706	210.5484
1588	33.8750	336(3)	349.5779	210.4297
1589	33.8951	348(3)	351.0296	210.3091
1590	33.9150	350(3)	352.2485	210.1898
1591	33.9350	365(3)	353.8696	210.0699
1592	33.9550	378(3)	356.4930	209.9500
1593	33.9752	388(3)	360.5670	209.8288
1594	33.9952	398(3)	366.5957	209.7089
1595	34.0152	415(3)	374.7964	209.5890
1596	34.0351	428(3)	385.0713	209.4696
1597	34.0551	441(3)	397.5968	209.3497
1598	34.0751	455(3)	412.2618	209.2298
1599	34.0952	464(3)	428.9479	209.1092
1600	34.1152	475(4)	447.2092	208.9893
1601	34.1351	483(4)	466.6257	208.8699
1602	34.1549	485(4)	486.5095	208.7512
1603	34.1749	495(4)	506.5988	208.6313
1604	34.1949	494(4)	525.6542	208.5114
1605	34.2150	499(4)	542.6557	208.3908
1606	34.2350	494(4)	556.1877	208.2709
1607	34.2550	492(4)	565.3632	208.1509
1608	34.2749	484(4)	568.6756	208.0316
1609	34.2950	477(4)	565.9220	207.9111
1610	34.3150	473(4)	557.2378	207.7911

1611	34.3349	466(3)	543.5058	207.6718
1612	34.3550	458(3)	525.6533	207.5513
1613	34.3749	446(3)	505.1911	207.4319
1614	34.3949	432(3)	482.7898	207.3120
1615	34.4151	429(3)	459.3779	207.1909
1616	34.4352	415(3)	436.2010	207.0703
1617	34.4554	399(3)	413.5047	206.9492
1618	34.4754	392(3)	392.1123	206.8293
1619	34.4954	385(3)	372.1762	206.7093
1620	34.5154	375(3)	354.1449	206.5894
1621	34.5354	360(3)	337.8156	206.4695
1622	34.5552	361(3)	324.0262	206.3507
1623	34.5752	348(3)	312.2552	206.2308
1624	34.5951	341(3)	302.8284	206.1115
1625	34.6152	332(3)	295.5178	205.9909
1626	34.6352	326(3)	290.3881	205.8710
1627	34.6552	316(3)	287.4385	205.9239
1628	34.6752	317(3)	286.4755	205.9859
1629	34.6951	306(3)	287.2983	206.0476
1630	34.7151	303(3)	289.7442	206.1096
1631	34.7350	305(3)	293.4957	206.1713
1632	34.7550	315(3)	298.3867	206.2333
1633	34.7749	308(3)	304.0437	206.2950
1634	34.7949	318(3)	310.0612	206.3569
1635	34.8151	311(3)	316.0247	206.4196
1636	34.8351	312(3)	321.3288	206.4816
1637	34.8552	308(3)	325.5775	206.5439
1638	34.8752	309(3)	328.2899	206.6059
1639	34.8952	312(3)	329.7832	206.6679
1640	34.9152	319(3)	329.8414	206.7299
1641	34.9354	319(3)	328.7870	206.7925
1642	34.9554	323(3)	327.0767	206.8545
1643	34.9754	328(3)	325.2069	206.9165
1644	34.9954	317(3)	323.6914	206.9785
1645	35.0155	318(3)	322.9982	207.0408
1646	35.0354	315(3)	323.5140	207.1024
1647	35.0554	316(3)	325.4779	207.1644
1648	35.0754	313(3)	328.9664	207.2264
1649	35.0952	317(3)	333.7827	207.2878
1650	35.1152	312(3)	339.4745	207.3498
1651	35.1354	311(3)	346.0913	207.4124
1652	35.1553	317(3)	352.5326	207.4741
1653	35.1754	327(3)	358.3533	207.5364
1654	35.1954	328(3)	362.7466	207.5984
1655	35.2153	334(3)	365.5040	207.6601
1656	35.2352	339(3)	366.2545	207.7218
1657	35.2551	333(3)	365.0438	207.7835
1658	35.2750	336(3)	361.4584	207.8452
1659	35.2950	336(3)	355.8270	207.9072
1660	35.3151	333(3)	348.4604	207.9695
1661	35.3351	333(3)	339.9789	208.0315
1662	35.3551	329(3)	331.0342	208.0935
1663	35.3752	318(3)	322.3665	208.1558
1664	35.3952	316(3)	314.5440	208.2178

1665	35.4152	319(3)	308.1299	208.2798
1666	35.4352	315(3)	303.4428	208.3417
1667	35.4552	313(3)	300.5661	208.4037
1668	35.4752	311(3)	299.5025	208.4657
1669	35.4953	313(3)	300.0217	208.5280
1670	35.5152	318(3)	301.8059	208.5897
1671	35.5352	318(3)	304.5149	208.6517
1672	35.5551	319(3)	307.7491	208.7134
1673	35.5752	320(3)	311.2780	208.7757
1674	35.5954	323(3)	315.0279	208.8383
1675	35.6154	326(3)	318.9908	208.9003
1676	35.6353	329(3)	323.4225	208.9620
1677	35.6551	337(3)	328.6426	209.1681
1678	35.6752	339(3)	335.3339	209.6517
1679	35.6952	347(3)	343.0165	210.1330
1680	35.7153	352(3)	351.6642	210.6167
1681	35.7352	357(3)	360.8199	211.0956
1682	35.7552	364(3)	370.0732	211.5768
1683	35.7751	367(3)	378.4816	212.0556
1684	35.7954	377(3)	385.5582	212.5442
1685	35.8152	377(3)	390.0728	213.0206
1686	35.8354	377(3)	391.8215	213.5067
1687	35.8551	375(3)	391.4282	213.9807
1688	35.8751	381(3)	387.7682	214.4620
1689	35.8951	372(3)	381.4401	214.9433
1690	35.9151	376(3)	374.5509	215.4245
1691	35.9351	371(3)	367.6169	215.9058
1692	35.9552	368(3)	360.6518	216.3894
1693	35.9752	373(3)	354.6786	216.8707
1694	35.9953	369(3)	350.0514	217.3544
1695	36.0151	371(3)	347.0373	217.8309
1696	36.0351	368(3)	345.5615	218.3121
1697	36.0551	380(3)	345.3233	218.7934
1698	36.0750	380(3)	345.8635	219.2722
1699	36.0951	382(3)	346.7370	219.7559
1700	36.1151	374(3)	346.9781	220.2372
1701	36.1350	376(3)	346.1021	220.7161
1702	36.1550	367(3)	343.6320	221.1973
1703	36.1750	363(3)	339.2701	221.6786
1704	36.1952	349(3)	333.0455	222.1647
1705	36.2152	342(3)	325.3754	222.6459
1706	36.2352	332(3)	316.7613	223.1272
1707	36.2553	325(3)	307.6356	223.6109
1708	36.2752	314(3)	298.9269	224.0897
1709	36.2952	309(3)	290.8657	224.5710
1710	36.3152	298(3)	283.8235	225.0522
1711	36.3352	297(3)	277.5595	225.5335
1712	36.3552	292(3)	273.0818	226.0148
1713	36.3752	294(3)	269.8387	226.4961
1714	36.3950	293(3)	268.0714	226.9725
1715	36.4151	294(3)	267.6369	227.4561
1716	36.4351	292(3)	268.6021	227.9374
1717	36.4553	297(3)	271.2831	228.4236
1718	36.4754	300(3)	275.6869	228.9072

1719	36.4952	306(3)	282.1539	229.2568
1720	36.5151	305(3)	291.4130	229.5061
1721	36.5351	317(3)	304.3377	229.7566
1722	36.5552	325(3)	321.7018	230.0084
1723	36.5751	342(3)	343.7917	230.2576
1724	36.5951	360(3)	371.1196	230.5082
1725	36.6151	383(3)	403.4996	230.7587
1726	36.6352	420(3)	440.1113	231.0105
1727	36.6553	465(4)	479.1328	231.2623
1728	36.6754	513(4)	518.1849	231.5141
1729	36.6954	563(4)	554.2227	231.7646
1730	36.7153	613(4)	584.6051	232.0139
1731	36.7352	646(4)	607.1252	232.2632
1732	36.7552	664(4)	620.0947	232.5137
1733	36.7752	654(4)	623.3541	232.7642
1734	36.7953	631(4)	617.5414	233.0161
1735	36.8153	597(4)	604.5680	233.2666
1736	36.8354	565(4)	587.0406	233.5184
1737	36.8554	541(4)	568.1907	233.7689
1738	36.8754	520(4)	550.8287	234.0194
1739	36.8953	522(4)	537.4263	234.2687
1740	36.9152	525(4)	529.8542	234.5180
1741	36.9354	540(4)	529.1318	234.7711
1742	36.9552	563(4)	535.5729	235.0191
1743	36.9753	589(4)	548.7638	235.2708
1744	36.9954	608(4)	567.8787	235.5227
1745	37.0154	652(4)	591.4465	235.7732
1746	37.0352	687(4)	617.7206	236.0212
1747	37.0553	730(4)	645.6866	236.2730
1748	37.0752	763(5)	672.8806	236.5223
1749	37.0952	787(5)	697.9417	236.7728
1750	37.1152	811(5)	719.0812	237.0233
1751	37.1353	817(5)	734.9538	237.2751
1752	37.1554	823(5)	744.2871	237.5269
1753	37.1754	822(5)	746.5903	237.7774
1754	37.1955	793(5)	742.1472	238.0293
1755	37.2155	793(5)	732.1686	238.2798
1756	37.2354	774(5)	718.2381	238.5291
1757	37.2552	748(4)	702.1919	238.7771
1758	37.2753	738(4)	685.2905	239.0289
1759	37.2952	735(4)	669.1892	239.2782
1760	37.3152	715(4)	654.5013	239.5287
1761	37.3353	693(4)	641.4970	239.7805
1762	37.3552	673(4)	630.3730	240.0298
1763	37.3753	651(4)	620.2988	240.2816
1764	37.3952	629(4)	611.5103	240.5309
1765	37.4152	606(4)	603.0281	240.7814
1766	37.4353	584(4)	593.8165	240.5737
1767	37.4553	568(4)	583.8820	240.2157
1768	37.4753	554(4)	573.1913	239.8577
1769	37.4951	536(4)	562.0604	239.5033
1770	37.5152	529(4)	550.7431	239.1435
1771	37.5352	530(4)	540.1647	238.7855
1772	37.5553	530(4)	530.9601	238.4257

1773	37.5755	532(4)	523.5597	238.0641
1774	37.5954	537(4)	518.2334	237.7079
1775	37.6154	538(4)	514.5040	237.3499
1776	37.6354	547(4)	511.7656	236.9919
1777	37.6553	549(4)	509.0589	236.6357
1778	37.6753	556(4)	505.2416	236.2777
1779	37.6952	542(4)	499.2690	235.9215
1780	37.7152	533(4)	490.2278	235.5635
1781	37.7352	513(4)	477.7844	235.2055
1782	37.7552	487(4)	462.0930	234.8475
1783	37.7752	465(4)	443.8669	234.4895
1784	37.7952	435(3)	424.1136	234.1315
1785	37.8154	416(3)	403.7840	233.7699
1786	37.8352	393(3)	384.5674	233.4155
1787	37.8552	377(3)	366.5292	233.0575
1788	37.8751	357(3)	351.0947	232.7013
1789	37.8950	344(3)	338.1776	232.3451
1790	37.9150	330(3)	327.7837	231.9871
1791	37.9351	326(3)	319.8676	231.6273
1792	37.9550	318(3)	314.1914	231.2711
1793	37.9751	314(3)	310.3124	230.9113
1794	37.9951	305(3)	307.9354	230.5533
1795	38.0152	310(3)	306.7940	230.1936
1796	38.0351	304(3)	306.7482	229.8373
1797	38.0552	309(3)	307.7235	229.4775
1798	38.0751	309(3)	309.7451	229.1214
1799	38.0952	315(3)	313.0379	228.7615
1800	38.1152	323(3)	317.7080	228.4036
1801	38.1351	331(3)	323.8374	228.0041
1802	38.1550	341(3)	331.4949	227.5019
1803	38.1748	351(3)	340.7061	227.0023
1804	38.1949	362(3)	351.5065	226.4951
1805	38.2151	378(3)	363.6011	225.9853
1806	38.2350	390(3)	376.1753	225.4832
1807	38.2550	404(3)	388.9846	224.9785
1808	38.2749	413(3)	401.3484	224.4763
1809	38.2951	425(3)	412.6214	223.9666
1810	38.3150	439(3)	421.7780	223.4644
1811	38.3350	436(3)	428.4269	222.9597
1812	38.3550	434(3)	432.1126	222.4551
1813	38.3750	433(3)	432.6389	221.9505
1814	38.3950	421(3)	429.9420	221.4458
1815	38.4151	400(3)	424.5536	220.9386
1816	38.4352	387(3)	416.5859	220.4314
1817	38.4554	374(3)	407.1188	219.9216
1818	38.4754	356(3)	396.7245	219.4169
1819	38.4954	343(3)	385.9180	218.9122
1820	38.5154	334(3)	375.2096	218.4076
1821	38.5353	326(3)	365.0361	217.9054
1822	38.5553	316(3)	355.5057	217.4007
1823	38.5752	322(3)	346.8303	216.8985
1824	38.5952	317(3)	338.9286	216.3938
1825	38.6151	311(3)	331.8203	215.8917
1826	38.6352	317(3)	325.3896	215.3846



1827	38.6552	312(3)	319.7844	214.8799
1828	38.6751	314(3)	315.0148	214.3777
1829	38.6952	311(3)	311.0923	213.8705
1830	38.7151	311(3)	308.0345	213.3683
1831	38.7349	307(3)	305.8766	212.8687
1832	38.7550	308(3)	304.4021	212.3615
1833	38.7749	313(3)	303.4906	211.8593
1834	38.7951	312(3)	302.9150	211.3496
1835	38.8150	307(3)	302.5022	210.8474
1836	38.8350	312(3)	302.0730	210.3427
1837	38.8551	304(3)	301.5370	209.8355
1838	38.8752	306(3)	300.8492	209.3283
1839	38.8953	305(3)	300.0709	208.8211
1840	38.9152	301(3)	299.3410	208.3189
1841	38.9353	301(3)	298.7366	207.8118
1842	38.9553	300(3)	298.2259	207.3071
1843	38.9755	301(3)	298.1871	206.7974
1844	38.9954	301(3)	298.3688	206.2952
1845	39.0155	305(3)	298.7097	205.7880
1846	39.0354	308(3)	299.0248	205.2859
1847	39.0555	313(3)	299.0799	204.7787
1848	39.0753	323(3)	298.6445	204.2790
1849	39.0952	319(3)	297.5391	203.7768
1850	39.1152	321(3)	295.6842	203.2722
1851	39.1352	314(3)	292.4809	202.7675
1852	39.1553	311(3)	289.4387	202.2602
1853	39.1753	314(3)	286.1995	201.7555
1854	39.1954	318(3)	283.0995	201.2483
1855	39.2154	315(3)	280.4276	200.7436
1856	39.2351	316(3)	278.4131	200.2465
1857	39.2551	315(3)	277.0926	199.7417
1858	39.2750	316(3)	276.3299	199.2395
1859	39.2950	326(3)	275.9158	198.7348
1860	39.3150	317(3)	275.5308	198.2301
1861	39.3351	315(3)	274.8284	197.7229
1862	39.3551	314(3)	273.5359	197.2182
1863	39.3751	310(3)	271.5041	196.7134
1864	39.3952	303(3)	268.5855	196.2062
1865	39.4152	295(3)	265.0084	195.7015
1866	39.4352	294(3)	260.9061	195.1969
1867	39.4552	291(3)	256.5248	194.6922
1868	39.4752	282(3)	252.1499	194.1874
1869	39.4951	283(3)	248.1004	193.6852
1870	39.5152	279(3)	244.5939	193.1780
1871	39.5353	269(3)	241.7485	192.6708
1872	39.5551	272(3)	240.1250	192.1711
1873	39.5753	271(3)	239.4435	191.6613
1874	39.5952	267(3)	239.7272	191.1591
1875	39.6153	273(3)	240.8988	190.6519
1876	39.6353	273(3)	242.6632	190.1473
1877	39.6552	274(3)	244.7067	189.6451
1878	39.6752	281(3)	246.7716	189.1849
1879	39.6951	281(3)	248.7204	188.9787
1880	39.7152	282(3)	250.1260	188.7704

1881	39.7352	282(3)	250.8126	188.5631
1882	39.7552	280(3)	250.7191	188.3558
1883	39.7752	279(3)	249.8520	188.1486
1884	39.7952	273(3)	248.4967	187.9413
1885	39.8153	277(3)	246.6658	187.7330
1886	39.8353	264(3)	244.8215	187.5257
1887	39.8551	267(3)	242.8174	187.3205
1888	39.8751	258(3)	240.9122	187.1132
1889	39.8951	257(3)	239.2838	186.9059
1890	39.9151	257(3)	238.0093	186.6987
1891	39.9351	249(3)	237.0239	186.4914
1892	39.9551	252(3)	236.5028	186.2841
1893	39.9752	251(3)	236.4556	186.0758
1894	39.9952	251(3)	236.7694	185.8686
1895	40.0152	251(3)	237.4928	185.6613
1896	40.0350	246(3)	238.5822	185.4561
1897	40.0550	253(3)	240.0230	185.2488
1898	40.0750	255(3)	241.4759	185.0415
1899	40.0951	248(3)	243.0313	184.8332
1900	40.1151	252(3)	244.4162	184.6260
1901	40.1350	258(3)	245.4964	184.4197
1902	40.1549	258(3)	246.1678	184.2135
1903	40.1750	257(3)	246.3219	184.0052
1904	40.1952	261(3)	245.9855	183.7958
1905	40.2152	255(3)	245.1373	183.5885
1906	40.2352	257(3)	243.8320	183.3813
1907	40.2552	259(3)	242.1806	183.1740
1908	40.2752	256(3)	240.3351	182.9668
1909	40.2952	248(3)	238.5250	182.7595
1910	40.3152	246(3)	236.9278	182.5522
1911	40.3352	245(3)	235.7842	182.3449
1912	40.3552	242(3)	234.9973	182.1376
1913	40.3751	240(3)	234.6544	181.9314
1914	40.3950	236(3)	234.6677	181.7252
1915	40.4150	238(3)	234.8872	181.5179
1916	40.4351	230(2)	235.1008	181.3096
1917	40.4552	227(2)	235.1294	181.1013
1918	40.4754	231(2)	234.7801	180.8919
1919	40.4951	224(2)	233.9386	180.6878
1920	40.5151	224(2)	232.5646	180.5060
1921	40.5351	219(2)	230.7523	180.3727
1922	40.5551	217(2)	228.5349	180.2394
1923	40.5751	220(2)	226.0611	180.1061
1924	40.5950	221(2)	223.5660	179.9734
1925	40.6150	215(2)	221.1362	179.8401
1926	40.6351	215(2)	218.8833	179.7062
1927	40.6552	216(2)	216.9761	179.5722
1928	40.6754	213(2)	215.3893	179.4376
1929	40.6954	212(2)	214.2181	179.3042
1930	40.7153	211(2)	213.4869	179.1716
1931	40.7351	216(2)	213.2361	179.0396
1932	40.7552	221(2)	213.4287	178.9056
1933	40.7752	222(2)	214.1381	178.7723
1934	40.7952	222(2)	215.3952	178.6390

1935	40.8153	224(2)	217.2741	178.5051
1936	40.8354	226(2)	219.7557	178.3711
1937	40.8553	231(2)	222.8318	178.2384
1938	40.8754	230(2)	226.5180	178.1045
1939	40.8952	236(2)	230.7315	177.9725
1940	40.9152	242(3)	235.4524	177.8392
1941	40.9354	240(3)	240.6091	177.7045
1942	40.9551	244(3)	245.7759	177.5732
1943	40.9754	248(3)	251.2980	177.4379
1944	40.9954	252(3)	256.7222	177.3046
1945	41.0152	256(3)	261.9725	177.1726
1946	41.0352	255(3)	267.1621	177.0393
1947	41.0553	259(3)	272.1928	176.9053
1948	41.0752	259(3)	276.9720	176.7727
1949	41.0951	263(3)	281.4323	176.6401
1950	41.1152	267(3)	285.4669	176.5061
1951	41.1352	269(3)	288.8333	176.3728
1952	41.1554	271(3)	291.4087	176.2381
1953	41.1754	273(3)	293.0890	176.1048
1954	41.1955	274(3)	293.8616	175.9708
1955	41.2154	274(3)	294.0359	175.8382
1956	41.2354	281(3)	293.6911	175.7049
1957	41.2552	287(3)	293.2398	175.5729
1958	41.2753	288(3)	292.8328	175.4389
1959	41.2951	293(3)	292.6590	175.3070
1960	41.3152	289(3)	292.7473	175.1730
1961	41.3352	297(3)	293.0229	175.0397
1962	41.3552	290(3)	293.3132	174.9064
1963	41.3754	297(3)	293.5130	174.7717
1964	41.3951	297(3)	293.3280	174.6404
1965	41.4152	287(3)	292.7982	174.5064
1966	41.4353	292(3)	291.8583	174.3725
1967	41.4553	291(3)	290.4898	174.2392
1968	41.4752	282(3)	288.6546	174.1065
1969	41.4951	278(3)	286.3318	173.9739
1970	41.5152	273(3)	283.5043	173.8399
1971	41.5352	274(3)	280.3057	173.7066
1972	41.5554	266(3)	276.7545	173.5720
1973	41.5754	264(3)	273.0300	173.4387
1974	41.5954	257(3)	269.2730	173.3053
1975	41.6154	260(3)	265.6814	173.2522
1976	41.6354	253(3)	262.2919	173.2024
1977	41.6554	250(3)	259.2352	173.1526
1978	41.6752	255(3)	256.5804	173.1033
1979	41.6952	247(3)	254.3742	173.0535
1980	41.7151	246(3)	252.5484	173.0039
1981	41.7352	240(3)	251.0438	172.9539
1982	41.7552	245(3)	249.5497	172.9041
1983	41.7753	234(3)	247.8759	172.8540
1984	41.7953	229(2)	245.9275	172.8042
1985	41.8152	230(2)	243.5891	172.7547
1986	41.8353	234(2)	240.8327	172.7046
1987	41.8552	229(2)	237.7503	172.6551
1988	41.8750	224(2)	234.5041	172.6058

1989	41.8950	229(2)	230.9783	172.5560
1990	41.9150	225(2)	227.4192	172.5062
1991	41.9351	228(2)	223.9264	172.4561
1992	41.9550	219(2)	220.6688	172.4066
1993	41.9751	226(2)	217.6011	172.3565
1994	41.9952	220(2)	214.9491	172.3064
1995	42.0152	221(2)	212.7545	172.2567
1996	42.0351	223(2)	211.0514	172.2071
1997	42.0551	219(2)	209.8132	172.1573
1998	42.0752	215(2)	209.0664	172.1072
1999	42.0952	214(2)	208.8024	172.0574
2000	42.1152	217(2)	208.9103	172.0076
2001	42.1351	221(2)	209.4023	171.9581
2002	42.1549	219(2)	210.1970	171.9088
2003	42.1749	220(2)	211.1936	171.8590
2004	42.1949	216(2)	212.3039	171.8092
2005	42.2150	220(2)	213.4097	171.7591
2006	42.2350	223(2)	214.4482	171.7093
2007	42.2550	225(2)	215.3274	171.6595
2008	42.2749	221(2)	215.9537	171.6100
2009	42.2951	222(2)	216.3118	171.5597
2010	42.3150	220(2)	216.3693	171.5101
2011	42.3349	218(2)	216.1896	171.4606
2012	42.3550	226(2)	215.8813	171.4105
2013	42.3750	223(2)	215.5168	171.2930
2014	42.3950	219(2)	215.5113	171.1749
2015	42.4151	222(2)	215.5738	171.0561
2016	42.4352	222(2)	215.9505	170.9373
2017	42.4554	220(2)	216.7895	170.8180
2018	42.4754	228(2)	218.0203	170.6998
2019	42.4954	227(2)	219.6202	170.5816
2020	42.5153	227(2)	221.4635	170.4641
2021	42.5352	229(2)	223.5608	170.3465
2022	42.5553	229(2)	225.8466	170.2277
2023	42.5752	229(2)	227.8912	170.1101
2024	42.5951	232(2)	229.6872	169.9926
2025	42.6151	233(2)	231.1521	169.8744
2026	42.6352	234(3)	232.2531	169.7556
2027	42.6552	238(3)	233.0453	169.6375
2028	42.6752	242(3)	233.6263	169.5193
2029	42.6951	245(3)	234.0925	169.4017
2030	42.7151	243(3)	234.5336	169.2835
2031	42.7349	249(3)	234.9988	169.1665
2032	42.7550	249(3)	235.4920	169.0478
2033	42.7749	252(3)	235.9602	168.9302
2034	42.7950	250(3)	236.4498	168.8114
2035	42.8151	253(3)	236.8175	168.6927
2036	42.8351	253(3)	236.9785	168.5745
2037	42.8552	252(3)	236.9224	168.4557
2038	42.8751	254(3)	236.6962	168.3382
2039	42.8952	251(3)	236.3554	168.2194
2040	42.9152	249(3)	236.0762	168.1012
2041	42.9354	250(3)	236.0409	167.9819
2042	42.9554	253(3)	236.2916	167.8637

2043	42.9754	256(3)	237.0974	167.7455
2044	42.9955	253(3)	238.4533	167.6268
2045	43.0155	255(3)	240.4304	167.5086
2046	43.0354	261(3)	242.9499	167.3911
2047	43.0554	265(3)	245.9676	167.2729
2048	43.0754	256(3)	249.2981	167.1547
2049	43.0952	271(3)	252.7447	167.0377
2050	43.1152	271(3)	255.9427	166.9196
2051	43.1352	268(3)	258.6147	166.8014
2052	43.1553	266(3)	260.4863	166.6826
2053	43.1754	259(3)	261.3528	166.5639
2054	43.1954	269(3)	261.1260	166.4457
2055	43.2152	253(3)	259.9604	166.3287
2056	43.2352	263(3)	257.9950	166.2105
2057	43.2551	258(3)	255.4122	166.0930
2058	43.2750	253(3)	252.5648	165.9754
2059	43.2950	254(3)	249.6100	165.8572
2060	43.3150	248(3)	246.5604	165.7390
2061	43.3351	245(3)	243.5986	165.6203
2062	43.3552	240(3)	240.8564	165.5015
2063	43.3751	232(2)	238.4536	165.3839
2064	43.3953	235(3)	236.2976	165.2599
2065	43.4152	229(2)	234.7361	165.0980
2066	43.4353	231(2)	233.6107	164.9345
2067	43.4552	225(2)	232.9406	164.7727
2068	43.4751	222(2)	232.7094	164.6108
2069	43.4952	225(2)	232.8491	164.4473
2070	43.5152	227(2)	233.2992	164.2846
2071	43.5352	224(2)	233.8021	164.1219
2072	43.5551	221(2)	234.3229	163.9600
2073	43.5752	222(2)	234.8551	163.7965
2074	43.5954	222(2)	235.4177	163.6322
2075	43.6152	226(2)	236.0629	163.4712
2076	43.6353	231(2)	236.9849	163.3077
2077	43.6552	228(2)	238.2667	163.1458
2078	43.6751	240(3)	240.0853	162.9839
2079	43.6952	237(3)	242.5771	162.8204
2080	43.7152	241(3)	245.7604	162.6577
2081	43.7353	240(3)	249.5711	162.4942
2082	43.7552	246(3)	253.8187	162.3323
2083	43.7751	249(3)	258.2923	162.1705
2084	43.7952	253(3)	262.7545	162.0070
2085	43.8153	251(3)	266.7502	161.8435
2086	43.8353	254(3)	270.0235	161.6808
2087	43.8551	254(3)	272.1352	161.5197
2088	43.8750	252(3)	272.8152	161.3579
2089	43.8951	255(3)	271.8292	161.1944
2090	43.9151	251(3)	269.1895	161.0317
2091	43.9351	248(3)	265.0821	160.8690
2092	43.9551	243(3)	259.8947	160.7063
2093	43.9752	247(3)	254.0996	160.5428
2094	43.9952	243(3)	248.1823	160.3801
2095	44.0151	234(3)	242.5940	160.2182
2096	44.0351	228(2)	237.6487	160.0555

2097	44.0550	231(2)	233.6742	159.8937
2098	44.0751	225(2)	230.8179	159.7302
2099	44.0950	226(2)	229.2302	159.5683
2100	44.1151	225(2)	228.8779	159.4048
2101	44.1350	223(2)	229.6476	159.2429
2102	44.1549	221(2)	231.3139	159.0811
2103	44.1751	226(2)	233.6065	158.9167
2104	44.1951	224(2)	236.0494	158.7541
2105	44.2152	219(2)	238.3515	158.5906
2106	44.2352	220(2)	240.0641	158.4279
2107	44.2553	219(2)	240.8481	158.2644
2108	44.2752	213(2)	240.5897	158.1025
2109	44.2952	217(2)	239.1944	157.9398
2110	44.3152	214(2)	236.7357	157.7771
2111	44.3352	215(2)	233.4039	157.6144
2112	44.3552	212(2)	229.4230	157.4518
2113	44.3751	213(2)	225.1345	157.2899
2114	44.3950	212(2)	220.8350	157.1280
2115	44.4150	213(2)	216.8058	156.9653
2116	44.4351	206(2)	213.3035	156.8018
2117	44.4554	209(2)	210.4652	156.6367
2118	44.4753	213(2)	208.5966	156.4748
2119	44.4951	207(2)	207.4532	156.3138
2120	44.5151	206(2)	207.2313	156.1511
2121	44.5351	210(2)	207.7747	156.0135
2122	44.5551	208(2)	209.0757	156.0243
2123	44.5751	207(2)	210.8243	156.0350
2124	44.5950	212(2)	212.8377	156.0457
2125	44.6151	206(2)	214.9998	156.0565
2126	44.6351	209(2)	217.1338	156.0672
2127	44.6553	212(2)	219.3700	156.0780
2128	44.6754	209(2)	221.5732	156.0888
2129	44.6954	210(2)	223.6403	156.0996
2130	44.7153	223(2)	225.6516	156.1102
2131	44.7352	211(2)	227.4772	156.1209
2132	44.7552	224(2)	229.1429	156.1317
2133	44.7752	223(2)	230.6013	156.1424
2134	44.7952	222(2)	231.8056	156.1531
2135	44.8154	228(2)	232.6684	156.1640
2136	44.8353	226(2)	233.1536	156.1746
2137	44.8554	229(2)	233.2063	156.1854
2138	44.8753	229(2)	232.7780	156.1961
2139	44.8953	232(2)	231.8190	156.2068
2140	44.9152	234(3)	230.3700	156.2175
2141	44.9353	230(2)	228.4113	156.2283
2142	44.9553	226(2)	226.1638	156.2390
2143	44.9752	227(2)	223.7924	156.2497
2144	44.9954	221(2)	221.4417	156.2605
2145	45.0152	221(2)	219.2916	156.2711
2146	45.0354	216(2)	217.4100	156.2820
2147	45.0551	222(2)	215.9835	156.2926
2148	45.0752	220(2)	215.0063	156.3033
2149	45.0952	221(2)	214.5027	156.3141
2150	45.1151	222(2)	214.4566	156.3248

2151	45.1352	219(2)	214.8232	156.3355
2152	45.1554	222(2)	215.5336	156.3464
2153	45.1754	217(2)	216.4418	156.3571
2154	45.1955	215(2)	217.4802	156.3679
2155	45.2154	225(2)	218.4272	156.3786
2156	45.2352	222(2)	219.1200	156.3892
2157	45.2553	226(2)	219.5415	156.4000
2158	45.2752	226(2)	219.5099	156.4107
2159	45.2952	223(2)	218.8932	156.4214
2160	45.3152	218(2)	217.5997	156.4321
2161	45.3352	220(2)	215.8530	156.4429
2162	45.3552	225(2)	213.6811	156.4536
2163	45.3753	221(2)	211.2177	156.4644
2164	45.3952	219(2)	208.6663	156.4751
2165	45.4152	211(2)	205.8919	156.4858
2166	45.4353	214(2)	203.5149	156.4966
2167	45.4553	209(2)	201.3774	156.5073
2168	45.4752	210(2)	199.4898	156.5180
2169	45.4951	207(2)	197.8484	156.5286
2170	45.5152	206(2)	196.3866	156.5394
2171	45.5352	203(2)	195.1339	156.5502
2172	45.5554	202(2)	193.9824	156.6366
2173	45.5754	204(2)	192.9631	156.7823
2174	45.5954	205(2)	192.0582	156.9281
2175	45.6154	200(2)	191.1145	157.0738
2176	45.6354	201(2)	190.2073	157.2195
2177	45.6554	199(2)	189.3500	157.3652
2178	45.6752	199(2)	188.5477	157.5095
2179	45.6952	194(2)	187.8221	157.6552
2180	45.7152	190(2)	187.1953	157.8009
2181	45.7351	191(2)	186.7118	157.9459
2182	45.7552	190(2)	186.3811	158.0924
2183	45.7753	191(2)	186.2523	158.2388
2184	45.7952	191(2)	186.3741	158.3838
2185	45.8152	187(2)	186.7474	158.5295
2186	45.8354	189(2)	187.3838	158.6767
2187	45.8551	186(2)	188.3012	158.8203
2188	45.8750	188(2)	189.4814	158.9652
2189	45.8950	192(2)	190.9354	159.1109
2190	45.9151	193(2)	192.6406	159.2574
2191	45.9350	193(2)	194.5759	159.4024
2192	45.9550	194(2)	196.5999	159.5481
2193	45.9751	193(2)	199.0278	159.6946
2194	45.9952	199(2)	201.5055	159.8410
2195	46.0152	196(2)	204.0404	159.9868
2196	46.0351	198(2)	206.5908	160.1318
2197	46.0551	197(2)	209.1813	160.2775
2198	46.0751	195(2)	211.5793	160.4232
2199	46.0952	203(2)	213.7858	160.5697
2200	46.1152	203(2)	215.7032	160.7153
2201	46.1350	210(2)	217.2437	160.8596
2202	46.1549	205(2)	218.4066	161.0046
2203	46.1748	203(2)	219.1787	161.1496
2204	46.1949	203(2)	219.5597	161.2961

2205	46.2150	204(2)	219.6083	161.4425
2206	46.2350	207(2)	219.3609	161.5882
2207	46.2550	207(2)	218.9262	161.7339
2208	46.2750	201(2)	218.3883	161.8797
2209	46.2951	206(2)	217.7562	161.8653
2210	46.3150	205(2)	217.2043	161.8209
2211	46.3349	204(2)	216.8811	161.7766
2212	46.3550	205(2)	216.9115	161.7317
2213	46.3750	207(2)	217.2856	161.6871
2214	46.3949	208(2)	217.9902	161.6427
2215	46.4151	215(2)	219.0587	161.5977
2216	46.4352	214(2)	220.5036	161.5529
2217	46.4554	215(2)	222.3199	161.5078
2218	46.4754	217(2)	224.5065	161.4632
2219	46.4954	224(2)	227.0830	161.4186
2220	46.5153	226(2)	230.0061	161.3742
2221	46.5354	224(2)	233.2276	161.3294
2222	46.5552	223(2)	236.4917	161.2852
2223	46.5753	225(2)	239.6842	161.2404
2224	46.5951	228(2)	242.3423	161.1962
2225	46.6151	233(3)	244.3460	161.1516
2226	46.6352	231(2)	245.3681	161.1068
2227	46.6552	225(2)	245.2289	161.0622
2228	46.6752	222(2)	243.9572	161.0176
2229	46.6951	219(2)	241.5606	160.9732
2230	46.7150	219(2)	238.3036	160.9288
2231	46.7349	216(2)	234.3359	160.8845
2232	46.7550	214(2)	229.8037	160.8396
2233	46.7749	208(2)	225.4682	160.7952
2234	46.7950	206(2)	220.8223	160.7504
2235	46.8150	207(2)	216.4221	160.7058
2236	46.8351	208(2)	212.4768	160.6610
2237	46.8552	203(2)	209.1375	160.6161
2238	46.8752	203(2)	206.5287	160.5715
2239	46.8952	206(2)	204.6936	160.5269
2240	46.9152	207(2)	203.6861	160.4823
2241	46.9354	206(2)	203.5014	160.4373
2242	46.9554	209(2)	204.1659	160.3927
2243	46.9754	211(2)	205.7089	160.3481
2244	46.9954	217(2)	207.9194	160.3035
2245	47.0154	218(2)	210.7751	160.2676
2246	47.0355	222(2)	214.2188	160.2776
2247	47.0555	223(2)	218.0106	160.2876
2248	47.0754	229(2)	221.9107	160.2975
2249	47.0951	225(2)	225.7170	160.3073
2250	47.1152	229(2)	229.3522	160.3173
2251	47.1353	229(2)	232.5056	160.3273
2252	47.1553	231(2)	235.0663	160.3372
2253	47.1754	229(2)	236.9961	160.3472
2254	47.1954	227(2)	238.2259	160.3572
2255	47.2152	225(2)	238.8279	160.3670
2256	47.2351	230(2)	238.9024	160.3769
2257	47.2552	221(2)	238.5474	160.3869
2258	47.2750	234(3)	237.9469	160.3968



2259	47.2950	234(3)	237.2955	160.4068
2260	47.3150	229(2)	236.7818	160.4167
2261	47.3351	232(3)	236.6522	160.4267
2262	47.3552	223(2)	237.0341	160.4367
2263	47.3752	232(2)	237.9920	160.4467
2264	47.3952	231(2)	239.6891	160.4566
2265	47.4152	235(3)	242.0478	160.4666
2266	47.4353	234(3)	244.9845	160.4766
2267	47.4551	234(3)	248.3174	160.4864
2268	47.4752	240(3)	251.8706	160.4964
2269	47.4952	235(3)	255.3470	160.5064
2270	47.5152	236(3)	258.5614	160.5163
2271	47.5352	234(3)	261.1882	160.5263
2272	47.5551	240(3)	263.0711	160.5362
2273	47.5753	236(3)	264.4463	160.5462
2274	47.5953	241(3)	265.1096	160.5562
2275	47.6154	238(3)	265.3576	160.5662
2276	47.6352	238(3)	265.1557	160.5761
2277	47.6552	234(3)	264.7191	160.5860
2278	47.6751	234(3)	264.1795	160.5959
2279	47.6953	235(3)	263.5945	160.6060
2280	47.7152	223(2)	262.9777	160.6159
2281	47.7352	230(3)	262.2752	160.6258
2282	47.7552	235(3)	261.4008	160.6358
2283	47.7751	222(2)	260.2710	160.6457
2284	47.7953	227(2)	258.7838	160.6557
2285	47.8154	225(2)	256.8370	160.6657
2286	47.8351	218(2)	254.5475	160.6756
2287	47.8551	226(2)	251.8171	160.6855
2288	47.8751	224(2)	248.6689	160.6954
2289	47.8951	223(2)	245.4576	161.0007
2290	47.9151	219(2)	241.9498	161.3230
2291	47.9351	209(2)	238.2380	161.6454
2292	47.9552	217(2)	234.4023	161.9694
2293	47.9752	214(2)	230.5994	162.2918
2294	47.9952	215(2)	226.9698	162.6142
2295	48.0151	213(2)	223.6135	162.9350
2296	48.0351	216(2)	220.6987	163.2574
2297	48.0550	207(2)	218.2680	163.5781
2298	48.0751	215(2)	216.3391	163.9021
2299	48.0950	212(2)	214.9689	164.2229
2300	48.1151	212(2)	214.0771	164.5468
2301	48.1350	217(2)	213.7116	164.8676
2302	48.1550	217(2)	213.7800	165.1900
2303	48.1751	213(2)	214.1968	165.5140
2304	48.1951	218(2)	214.9581	165.8364
2305	48.2152	212(2)	216.0112	166.1604
2306	48.2352	216(2)	217.2780	166.4828
2307	48.2553	223(2)	218.7576	166.8068
2308	48.2752	218(2)	220.3869	167.1275
2309	48.2952	227(2)	222.2773	167.4499
2310	48.3152	232(3)	224.4090	167.7723
2311	48.3351	234(3)	226.7888	168.0931
2312	48.3552	242(3)	229.4566	168.4171

2313	48.3751	243(3)	232.3212	168.7379
2314	48.3950	251(3)	235.3417	169.0586
2315	48.4150	246(3)	238.4690	169.3810
2316	48.4352	252(3)	241.5033	169.7066
2317	48.4552	257(3)	244.3347	170.0289
2318	48.4754	261(3)	246.9442	170.3546
2319	48.4951	259(3)	249.2330	170.6721
2320	48.5151	264(3)	251.4012	170.9945
2321	48.5351	276(3)	253.5649	171.3169
2322	48.5551	276(3)	255.9918	171.6393
2323	48.5750	276(3)	258.7450	171.9600
2324	48.5950	287(3)	262.0241	172.2824
2325	48.6151	290(3)	265.8912	172.6064
2326	48.6351	301(3)	270.3263	172.9288
2327	48.6553	310(3)	275.2049	173.2544
2328	48.6752	303(3)	280.3281	173.5752
2329	48.6954	312(3)	285.5884	173.9008
2330	48.7153	318(3)	290.5630	174.2216
2331	48.7352	316(3)	295.1012	174.5423
2332	48.7552	318(3)	299.0150	174.8647
2333	48.7751	323(3)	302.0197	175.0858
2334	48.7952	322(3)	304.0699	175.1848
2335	48.8154	321(3)	305.2851	175.2842
2336	48.8353	321(3)	305.7909	175.3822
2337	48.8554	327(3)	305.8397	175.4811
2338	48.8753	321(3)	305.7314	175.5791
2339	48.8952	318(3)	305.8229	175.6771
2340	48.9153	327(3)	306.3919	175.7760
2341	48.9353	320(3)	307.7150	175.8745
2342	48.9552	325(3)	309.9235	175.9724
2343	48.9753	325(3)	313.1273	176.0714
2344	48.9953	331(3)	317.1458	176.1698
2345	49.0153	331(3)	321.7850	176.2683
2346	49.0353	335(3)	326.6854	176.3667
2347	49.0552	333(3)	331.4071	176.4647
2348	49.0752	332(3)	335.5113	176.5632
2349	49.0951	339(3)	338.7600	176.6611
2350	49.1151	336(3)	340.8964	176.7596
2351	49.1352	343(3)	341.7125	176.8585
2352	49.1554	339(3)	341.2278	176.9580
2353	49.1754	341(3)	339.5287	177.0564
2354	49.1955	341(3)	336.6436	177.1554
2355	49.2154	337(3)	332.9620	177.2533
2356	49.2353	338(3)	328.5602	177.3513
2357	49.2552	335(3)	323.7495	177.4493
2358	49.2753	329(3)	318.7829	177.5482
2359	49.2952	322(3)	314.0526	177.6462
2360	49.3152	322(3)	309.7944	177.7446
2361	49.3352	320(3)	306.3063	177.8431
2362	49.3552	322(3)	303.8266	177.9415
2363	49.3752	313(3)	302.4343	178.0400
2364	49.3952	319(3)	302.0861	178.1385
2365	49.4152	319(3)	302.6199	178.2369
2366	49.4353	325(3)	303.7128	178.3359

2367	49.4552	315(3)	304.9377	178.4338
2368	49.4751	315(3)	305.8727	178.5318
2369	49.4952	316(3)	306.0914	178.6307
2370	49.5152	311(3)	305.2961	178.7292
2371	49.5353	310(3)	303.5389	178.8281
2372	49.5552	307(3)	300.8323	178.9261
2373	49.5754	302(3)	297.3484	179.0255
2374	49.5954	303(3)	293.5461	179.1240
2375	49.6155	294(3)	289.5880	179.0614
2376	49.6353	291(3)	285.8502	178.7207
2377	49.6554	306(3)	282.9240	178.3749
2378	49.6752	303(3)	280.9685	178.0342
2379	49.6951	308(3)	280.1277	177.6918
2380	49.7152	307(3)	280.4340	177.3460
2381	49.7352	306(3)	281.7839	177.0019
2382	49.7552	311(3)	284.0337	176.6578
2383	49.7752	317(3)	286.9018	176.3138
2384	49.7952	312(3)	290.0497	175.9696
2385	49.8152	311(3)	293.3362	175.6255
2386	49.8353	313(3)	296.3729	175.2797
2387	49.8551	306(3)	298.7859	174.9390
2388	49.8751	308(3)	300.2902	174.5949
2389	49.8950	301(3)	300.5964	174.2526
2390	49.9150	298(3)	299.4695	173.9084
2391	49.9350	291(3)	296.7342	173.5643
2392	49.9551	284(3)	292.3717	173.2185
2393	49.9751	278(3)	286.5749	172.8744
2394	49.9952	274(3)	279.5475	172.5286
2395	50.0151	261(3)	271.7595	172.1862
2396	50.0351	249(3)	263.4829	171.8421
2397	50.0551	254(3)	255.1308	171.4980
2398	50.0752	247(3)	247.0379	171.1522
2399	50.0952	243(3)	239.5855	170.8080
2400	50.1151	239(3)	233.0038	170.4657
2401	50.1350	231(3)	227.4464	170.1233
2402	50.1549	232(3)	222.9904	169.7809
2403	50.1749	225(2)	219.5910	169.4369
2404	50.1949	228(2)	217.3669	169.0927
2405	50.2150	227(2)	216.1803	168.7469
2406	50.2349	230(2)	215.8963	168.4045
2407	50.2550	227(2)	216.3413	168.0587
2408	50.2749	224(2)	217.3176	167.7163
2409	50.2950	230(2)	218.5990	167.3705
2410	50.3150	224(2)	219.9632	167.0264
2411	50.3350	229(2)	221.1104	166.6823
2412	50.3550	225(2)	221.8218	166.3382
2413	50.3749	219(2)	221.9370	165.9958
2414	50.3950	219(2)	221.3072	165.6500
2415	50.4151	215(2)	219.9200	165.3042
2416	50.4352	212(2)	217.8145	164.9584
2417	50.4554	210(2)	215.1168	164.6108
2418	50.4754	205(2)	212.1089	164.2667
2419	50.4954	202(2)	208.8930	163.9226
2420	50.5154	200(2)	205.8068	163.5785

2421	50.5354	195(2)	202.8254	163.2344
2422	50.5552	195(2)	200.3488	162.8937
2423	50.5752	193(2)	198.3392	162.5496
2424	50.5951	194(2)	196.8467	162.2073
2425	50.6151	194(2)	195.8070	161.8631
2426	50.6352	192(2)	195.1935	161.5173
2427	50.6552	190(2)	194.9353	161.1732
2428	50.6751	188(2)	194.8701	160.8308
2429	50.6951	182(2)	194.8911	160.4867
2430	50.7151	188(2)	194.9593	160.1426
2431	50.7349	192(2)	194.9175	159.8020
2432	50.7550	191(2)	194.7615	159.4561
2433	50.7749	192(2)	194.4563	159.1137
2434	50.7950	189(2)	193.9993	158.7679
2435	50.8151	192(2)	193.4253	158.4221
2436	50.8351	189(2)	192.7866	158.0780
2437	50.8552	190(2)	192.1618	157.7322
2438	50.8752	190(2)	191.6019	157.3881
2439	50.8952	190(2)	190.8534	157.0202
2440	50.9153	195(2)	190.5897	156.5791
2441	50.9354	195(2)	190.6493	156.1380
2442	50.9553	200(2)	191.0699	155.7012
2443	50.9754	198(2)	191.8849	155.2600
2444	50.9954	201(2)	193.0716	154.8211
2445	51.0155	200(2)	194.5670	154.3799
2446	51.0354	201(2)	196.4272	153.9432
2447	51.0555	203(2)	198.5330	153.5021
2448	51.0753	205(2)	200.7516	153.0675
2449	51.0951	201(2)	203.0276	152.6329
2450	51.1153	207(2)	205.3783	152.1895
2451	51.1353	207(2)	207.6344	151.7507
2452	51.1554	201(2)	209.8046	151.3094
2453	51.1753	203(2)	211.8287	150.8727
2454	51.1953	203(2)	213.6534	150.4338
2455	51.2153	204(2)	215.2091	149.9948
2456	51.2352	205(2)	216.4051	149.5580
2457	51.2551	205(2)	217.1697	149.1213
2458	51.2750	200(2)	217.4446	148.6845
2459	51.2950	201(2)	217.1782	148.2455
2460	51.3150	202(2)	216.3296	147.8066
2461	51.3352	198(2)	214.8700	147.3633
2462	51.3551	200(2)	212.9507	146.9265
2463	51.3752	199(2)	210.5417	146.4853
2464	51.3954	195(2)	207.7125	146.0420
2465	51.4152	191(2)	204.6336	145.6074
2466	51.4352	193(2)	201.3106	145.1685
2467	51.4552	188(2)	197.8582	144.7296
2468	51.4752	185(2)	194.4384	144.2906
2469	51.4952	185(2)	191.1276	143.8516
2470	51.5152	186(2)	187.9939	143.4127
2471	51.5352	182(2)	185.0814	142.9737
2472	51.5551	183(2)	182.4492	142.5369
2473	51.5754	184(2)	180.0638	142.0914
2474	51.5954	177(2)	178.0156	141.6525

2475	51.6153	180(2)	176.2381	141.2157
2476	51.6352	181(2)	174.7246	140.7790
2477	51.6552	179(2)	173.4624	140.3400
2478	51.6752	178(2)	172.4093	139.9010
2479	51.6952	177(2)	171.5301	139.4621
2480	51.7152	173(2)	170.7936	139.0231
2481	51.7353	176(2)	170.1776	138.5820
2482	51.7552	173(2)	169.6350	138.1452
2483	51.7752	172(2)	169.1560	137.7063
2484	51.7952	176(2)	168.7755	137.3629
2485	51.8154	173(2)	168.6781	137.3058
2486	51.8352	169(2)	168.5706	137.2499
2487	51.8551	169(2)	168.5599	137.1937
2488	51.8751	171(2)	168.5923	137.1372
2489	51.8951	179(2)	168.7607	137.0807
2490	51.9151	176(2)	169.0659	137.0242
2491	51.9351	169(2)	169.5285	136.9677
2492	51.9552	174(2)	170.1574	136.9109
2493	51.9752	175(2)	170.9389	136.8544
2494	51.9952	173(2)	171.8575	136.7979
2495	52.0152	174(2)	172.8858	136.7414
2496	52.0351	175(2)	173.9906	136.6852
2497	52.0551	176(2)	175.1522	136.6287
2498	52.0750	171(2)	176.3196	136.5725
2499	52.0951	174(2)	177.5068	136.5157
2500	52.1151	175(2)	178.6663	136.4592
2501	52.1350	179(2)	179.7423	136.4030
2502	52.1550	171(2)	180.7196	136.3465
2503	52.1750	178(2)	181.5689	136.2900
2504	52.1952	172(2)	182.2268	136.2329
2505	52.2152	174(2)	182.6364	136.1764
2506	52.2353	178(2)	182.7775	136.1196
2507	52.2553	175(2)	182.6068	136.0631
2508	52.2752	174(2)	182.1237	136.0069
2509	52.2951	177(2)	181.3944	135.9507
2510	52.3152	173(2)	180.5039	135.8939
2511	52.3353	171(2)	179.5820	135.8371
2512	52.3552	176(2)	178.7827	135.7809
2513	52.3751	170(2)	178.2061	135.7247
2514	52.3950	175(2)	177.9675	135.6685
2515	52.4150	175(2)	178.1758	135.6120
2516	52.4352	176(2)	178.8756	135.5549
2517	52.4553	175(2)	180.0635	135.4981
2518	52.4752	175(2)	181.6489	135.4419
2519	52.4951	173(2)	183.5251	135.3857
2520	52.5151	176(2)	185.5935	135.3292
2521	52.5352	179(2)	187.6564	135.2724
2522	52.5551	178(2)	189.5017	135.2162
2523	52.5750	178(2)	191.0031	135.1600
2524	52.5951	177(2)	192.0556	135.1032
2525	52.6151	178(2)	192.5425	135.0467
2526	52.6351	178(2)	192.5240	134.9902
2527	52.6554	176(2)	191.9977	134.9329
2528	52.6753	177(2)	191.0582	134.8767

2529	52.6954	175(2)	189.9511	134.9486
2530	52.7152	175(2)	188.7576	135.0721
2531	52.7352	177(2)	187.5562	135.1968
2532	52.7552	169(2)	186.5064	135.3216
2533	52.7752	175(2)	185.7144	135.4463
2534	52.7952	170(2)	185.2790	135.5710
2535	52.8154	170(2)	185.2347	135.6970
2536	52.8354	169(2)	185.5623	135.8218
2537	52.8554	172(2)	186.2333	135.9465
2538	52.8754	175(2)	187.0556	136.0713
2539	52.8952	174(2)	187.9139	136.1948
2540	52.9152	175(2)	188.6813	136.3195
2541	52.9354	180(2)	189.2149	136.4455
2542	52.9553	179(2)	189.3876	136.5696
2543	52.9752	174(2)	189.1703	136.6937
2544	52.9954	177(2)	188.5020	136.8197
2545	53.0152	176(2)	187.4431	136.9432
2546	53.0353	178(2)	186.0446	137.0686
2547	53.0552	177(2)	184.4014	137.1927
2548	53.0752	177(2)	182.6076	137.3175
2549	53.0951	175(2)	180.7818	137.4416
2550	53.1151	178(2)	179.0462	137.5663
2551	53.1352	178(2)	177.5111	137.6917
2552	53.1555	176(2)	176.2504	137.8183
2553	53.1754	175(2)	175.2596	137.9424
2554	53.1955	176(2)	174.6509	138.0678
2555	53.2154	172(2)	174.3302	138.1919
2556	53.2354	178(2)	174.2128	138.3167
2557	53.2552	176(2)	174.1938	138.4402
2558	53.2754	176(2)	174.1705	138.5662
2559	53.2951	172(2)	174.1004	138.6890
2560	53.3152	177(2)	173.9237	138.8144
2561	53.3352	173(2)	173.6974	138.9391
2562	53.3552	167(2)	173.4167	139.0639
2563	53.3753	171(2)	173.1511	139.1893
2564	53.3952	173(2)	172.9212	139.3134
2565	53.4153	174(2)	172.6786	139.4388
2566	53.4352	173(2)	172.5181	139.5629
2567	53.4553	170(2)	172.4794	139.6882
2568	53.4751	169(2)	172.4653	139.8117
2569	53.4951	171(2)	172.5298	139.9365
2570	53.5152	168(2)	172.6008	140.0619
2571	53.5353	167(2)	172.6550	140.1872
2572	53.5553	167(2)	172.6390	140.3120
2573	53.5753	168(2)	172.5041	140.4367
2574	53.5954	170(2)	172.2572	140.5621
2575	53.6155	170(2)	171.8823	140.6875
2576	53.6354	170(2)	171.4171	140.8116
2577	53.6554	169(2)	170.8672	140.9363
2578	53.6752	168(2)	170.3073	141.0598
2579	53.6951	168(2)	169.8466	141.1953
2580	53.7152	165(2)	169.5368	141.3359
2581	53.7352	164(2)	169.4793	141.4758
2582	53.7552	170(2)	169.6464	141.6158

2583	53.7753	169(2)	170.1069	141.7564
2584	53.7952	168(2)	170.9354	141.8957
2585	53.8152	169(2)	171.9333	142.0356
2586	53.8353	165(2)	173.1602	142.1763
2587	53.8551	166(2)	174.5097	142.3148
2588	53.8750	170(2)	175.9666	142.4540
2589	53.8950	170(2)	177.4469	142.5940
2590	53.9151	170(2)	178.8794	142.7346
2591	53.9350	169(2)	180.2001	142.8739
2592	53.9550	173(2)	181.3959	143.0138
2593	53.9751	173(2)	182.4418	143.1545
2594	53.9952	170(2)	183.3523	143.2951
2595	54.0152	177(2)	184.1496	143.4350
2596	54.0351	176(2)	184.8732	143.5743
2597	54.0551	179(2)	185.5876	143.7142
2598	54.0752	177(2)	186.3018	143.8549
2599	54.0952	180(2)	187.0383	143.9948
2600	54.1152	180(2)	187.7543	144.1348
2601	54.1350	180(2)	188.4152	144.2733
2602	54.1549	182(2)	189.0055	144.4126
2603	54.1749	181(2)	189.4205	144.5525
2604	54.1950	181(2)	189.5698	144.6931
2605	54.2150	184(2)	189.4460	144.8331
2606	54.2349	184(2)	189.0551	144.9723
2607	54.2550	184(2)	188.4320	145.1130
2608	54.2750	189(2)	187.5909	145.2529
2609	54.2950	185(2)	186.6269	145.3929
2610	54.3151	189(2)	185.5928	145.5335
2611	54.3349	185(2)	184.5657	145.6720
2612	54.3550	184(2)	183.5625	145.8127
2613	54.3750	188(2)	182.6150	145.9526
2614	54.3949	187(2)	181.7516	146.0919
2615	54.4152	187(2)	180.9614	146.2339
2616	54.4352	191(2)	180.2684	146.3738
2617	54.4554	186(2)	179.6589	146.5152
2618	54.4754	191(2)	179.1393	146.6552
2619	54.4954	197(2)	178.7427	146.7951
2620	54.5154	193(2)	178.4693	146.9350
2621	54.5353	192(2)	178.3713	147.0743
2622	54.5553	195(2)	178.4073	147.2142
2623	54.5752	196(2)	178.6258	147.3535
2624	54.5951	196(2)	178.9568	147.4927
2625	54.6151	197(2)	179.5702	147.6326
2626	54.6352	200(2)	180.4287	147.7733
2627	54.6552	202(2)	181.4652	147.9132
2628	54.6752	205(2)	182.7122	148.0532
2629	54.6951	203(2)	184.1343	148.1924
2630	54.7150	199(2)	185.6890	148.3316
2631	54.7350	203(2)	187.3254	148.4716
2632	54.7550	206(2)	188.7807	148.4458
2633	54.7749	203(2)	190.0986	148.3997
2634	54.7950	205(2)	191.1706	148.3531
2635	54.8151	212(2)	191.9368	148.3065
2636	54.8351	209(2)	192.2749	148.2602

2637	54.8552	207(2)	192.1980	148.2137
2638	54.8752	206(2)	191.7328	148.1673
2639	54.8952	208(2)	190.9609	148.1210
2640	54.9153	204(2)	190.0105	148.0744
2641	54.9354	210(2)	189.0016	148.0279
2642	54.9554	205(2)	188.1660	147.9816
2643	54.9755	209(2)	187.4983	147.9350
2644	54.9954	208(2)	187.1586	147.8889
2645	55.0155	205(2)	187.1967	147.8423
2646	55.0354	214(2)	187.7207	147.7962
2647	55.0555	215(2)	188.7772	147.7497
2648	55.0753	223(2)	190.3389	147.7038
2649	55.0952	221(2)	192.4376	147.6577
2650	55.1152	223(2)	195.0368	147.6114
2651	55.1352	226(2)	198.0205	147.5651
2652	55.1554	227(2)	201.3071	147.5183
2653	55.1754	227(2)	204.6711	147.4719
2654	55.1954	226(2)	207.9417	147.4256
2655	55.2152	230(3)	210.9205	147.3797
2656	55.2352	222(2)	213.5121	147.3334
2657	55.2551	227(2)	215.5652	147.2873
2658	55.2750	225(2)	217.0533	147.2412
2659	55.2950	221(2)	217.9883	147.1949
2660	55.3150	220(2)	218.4274	147.1486
2661	55.3351	215(2)	218.4698	147.1020
2662	55.3552	213(2)	218.1553	147.0554
2663	55.3751	206(2)	217.6245	147.0093
2664	55.3953	207(2)	216.9062	146.9626
2665	55.4152	203(2)	216.1119	146.9164
2666	55.4354	199(2)	215.2761	146.8697
2667	55.4551	201(2)	214.5383	146.8240
2668	55.4752	198(2)	213.8559	146.7775
2669	55.4952	198(2)	213.2972	146.7311
2670	55.5152	192(2)	212.8146	146.6848
2671	55.5352	192(2)	212.3101	146.6385
2672	55.5552	189(2)	211.6728	146.5921
2673	55.5752	192(2)	210.7799	146.5458
2674	55.5954	189(2)	209.5365	146.4990
2675	55.6154	183(2)	207.9168	146.4527
2676	55.6352	188(2)	205.8963	146.4068
2677	55.6552	184(2)	203.4596	146.3605
2678	55.6752	180(2)	200.6989	146.3142
2679	55.6952	180(2)	197.6932	146.2679
2680	55.7152	178(2)	194.6156	146.2215
2681	55.7352	175(2)	191.5669	146.1752
2682	55.7551	176(2)	188.6921	146.1291
2683	55.7752	175(2)	186.0619	146.0825
2684	55.7953	174(2)	183.8042	146.0360
2685	55.8153	174(2)	182.0004	145.9896
2686	55.8352	172(2)	180.6734	145.9435
2687	55.8551	176(2)	179.8414	145.8974
2688	55.8751	176(2)	179.5054	145.8511
2689	55.8951	172(2)	179.6585	145.8048
2690	55.9151	171(2)	180.2740	145.7585



2691	55.9351	172(2)	181.3313	145.7121
2692	55.9552	176(2)	182.7906	145.6656
2693	55.9752	178(2)	184.6268	145.6192
2694	55.9952	180(2)	186.8059	145.5729
2695	56.0151	181(2)	189.2978	145.5268
2696	56.0351	185(2)	192.0381	145.4352
2697	56.0550	190(2)	194.9665	145.3287
2698	56.0751	192(2)	198.0391	145.2210
2699	56.0950	200(2)	201.0622	145.1144
2700	56.1151	204(2)	203.9586	145.0068
2701	56.1350	208(2)	206.5060	144.9002
2702	56.1550	206(2)	208.6654	144.7931
2703	56.1750	201(2)	210.4064	144.6860
2704	56.1951	202(2)	211.5557	144.5784
2705	56.2152	206(2)	212.1707	144.4707
2706	56.2353	206(2)	212.2656	144.3631
2707	56.2552	201(2)	211.8967	144.2565
2708	56.2752	201(2)	211.1054	144.1495
2709	56.2952	199(2)	209.9766	144.0424
2710	56.3151	195(2)	208.5466	143.9358
2711	56.3353	194(2)	206.8830	143.8276
2712	56.3552	192(2)	205.0924	143.7210
2713	56.3751	189(2)	203.2554	143.6145
2714	56.3950	193(2)	201.4399	143.5079
2715	56.4151	189(2)	199.7313	143.4003
2716	56.4351	185(2)	198.2189	143.2932
2717	56.4553	185(2)	196.9216	143.1850
2718	56.4753	184(2)	195.8768	143.0779
2719	56.4951	187(2)	195.0435	142.9719
2720	56.5151	186(2)	194.3660	142.8648
2721	56.5351	185(2)	193.8336	142.7577
2722	56.5551	188(2)	193.3939	142.6505
2723	56.5751	191(2)	193.0212	142.5435
2724	56.5950	188(2)	192.7425	142.4369
2725	56.6151	188(2)	192.5855	142.3293
2726	56.6351	192(2)	192.6452	142.2222
2727	56.6553	199(2)	192.9676	142.1140
2728	56.6753	197(2)	193.6482	142.0069
2729	56.6954	205(2)	194.6664	141.8992
2730	56.7153	203(2)	195.9505	141.7927
2731	56.7352	202(2)	197.4184	141.6861
2732	56.7552	205(2)	198.9064	141.5790
2733	56.7752	206(2)	200.2184	141.4719
2734	56.7952	204(2)	201.1269	141.3648
2735	56.8154	204(2)	201.4779	141.2566
2736	56.8353	203(2)	201.1327	141.1501
2737	56.8554	203(2)	200.0047	141.0424
2738	56.8752	199(2)	198.1418	140.9364
2739	56.8953	194(2)	195.5983	140.8288
2740	56.9152	192(2)	192.5910	140.7222
2741	56.9353	192(2)	189.2267	140.6145
2742	56.9552	189(2)	185.7608	140.5080
2743	56.9754	190(2)	182.2289	140.3998
2744	56.9953	177(2)	178.8668	140.2932

2745	57.0153	183(2)	175.6908	140.1861
2746	57.0353	177(2)	172.6936	140.0790
2747	57.0552	173(2)	170.0862	139.9725
2748	57.0752	171(2)	167.7631	139.8654
2749	57.0951	174(2)	165.7792	139.7588
2750	57.1152	169(2)	164.0619	139.6512
2751	57.1352	172(2)	162.6774	139.5441
2752	57.1554	165(2)	161.5898	139.4359
2753	57.1754	170(2)	160.8609	139.3288
2754	57.1955	172(2)	160.4710	139.2211
2755	57.2154	169(2)	160.4029	139.1146
2756	57.2353	167(2)	160.6164	139.0080
2757	57.2552	167(2)	161.1091	138.9014
2758	57.2753	166(2)	161.8238	138.7938
2759	57.2951	171(2)	162.6840	138.6878
2760	57.3152	168(2)	163.6547	138.5801
2761	57.3352	163(2)	164.6275	138.4730
2762	57.3552	165(2)	165.5211	138.3659
2763	57.3753	173(2)	166.2235	138.2583
2764	57.3953	165(2)	166.7339	138.1512
2765	57.4152	168(2)	166.9721	138.0446
2766	57.4353	166(2)	166.9222	137.9370
2767	57.4553	168(2)	166.5859	137.8299
2768	57.4752	167(2)	166.0972	137.8335
2769	57.4951	167(2)	165.4041	137.8639
2770	57.5152	167(2)	164.5144	137.8946
2771	57.5353	167(2)	163.5022	137.9254
2772	57.5553	164(2)	162.4162	137.9560
2773	57.5754	166(2)	161.3393	137.9867
2774	57.5954	163(2)	160.3414	138.0173
2775	57.6154	163(2)	159.5329	138.0479
2776	57.6354	167(2)	158.9847	138.0784
2777	57.6554	166(2)	158.7223	138.1090
2778	57.6752	163(2)	158.7954	138.1393
2779	57.6951	167(2)	159.2442	138.1697
2780	57.7152	170(2)	160.0591	138.2005
2781	57.7351	168(2)	161.2608	138.2309
2782	57.7552	171(2)	162.8559	138.2616
2783	57.7752	170(2)	164.7237	138.2922
2784	57.7952	175(2)	166.8328	138.3228
2785	57.8152	173(2)	169.1096	138.3534
2786	57.8353	177(2)	171.4664	138.3841
2787	57.8550	177(2)	173.7151	138.4143
2788	57.8751	172(2)	175.8120	138.4450
2789	57.8950	181(2)	177.5937	138.4754
2790	57.9151	178(2)	179.0072	138.5061
2791	57.9350	181(2)	179.9258	138.5366
2792	57.9550	179(2)	180.3522	138.5672
2793	57.9751	178(2)	180.3540	138.5979
2794	57.9952	181(2)	180.0316	138.6286
2795	58.0151	181(2)	179.5313	138.6591
2796	58.0351	179(2)	179.0479	138.6897
2797	58.0551	181(2)	178.7239	138.7202
2798	58.0751	179(2)	178.7062	138.7508

2799	58.0952	176(2)	179.1175	138.7816
2800	58.1152	184(2)	180.0067	138.8121
2801	58.1350	184(2)	181.3642	138.8424
2802	58.1549	182(2)	183.2146	138.8729
2803	58.1748	186(2)	185.4720	138.9033
2804	58.1949	189(2)	188.0486	138.9340
2805	58.2150	186(2)	190.9065	138.9648
2806	58.2350	187(2)	193.8258	138.9953
2807	58.2550	186(2)	196.7104	139.0259
2808	58.2749	189(2)	199.4175	139.0564
2809	58.2950	189(2)	201.8469	139.0871
2810	58.3150	189(2)	203.8441	139.1177
2811	58.3349	193(2)	205.3110	139.1481
2812	58.3550	186(2)	206.1390	139.1788
2813	58.3749	187(2)	206.2413	139.2093
2814	58.3949	189(2)	205.5695	139.2399
2815	58.4151	185(2)	204.1266	139.2708
2816	58.4352	183(2)	201.9964	139.3015
2817	58.4554	188(2)	199.2790	139.3324
2818	58.4754	185(2)	196.1823	139.3630
2819	58.4954	183(2)	192.8406	139.3935
2820	58.5152	179(2)	189.4291	139.4238
2821	58.5354	181(2)	185.9856	139.4547
2822	58.5553	175(2)	182.7946	139.4851
2823	58.5751	169(2)	179.8323	139.5154
2824	58.5951	170(2)	177.1642	139.5460
2825	58.6151	174(2)	174.8678	139.5766
2826	58.6352	167(2)	172.9535	139.6073
2827	58.6552	169(2)	171.4353	139.6379
2828	58.6752	167(2)	170.2816	139.6685
2829	58.6951	165(2)	169.4532	139.6989
2830	58.7151	164(2)	168.8696	139.7295
2831	58.7349	165(2)	168.5083	139.7598
2832	58.7549	167(2)	168.2616	139.7904
2833	58.7749	167(2)	168.1272	139.8210
2834	58.7949	162(2)	168.0289	139.8515
2835	58.8151	163(2)	167.9469	139.8824
2836	58.8351	161(2)	167.8499	139.9130
2837	58.8551	164(2)	167.7287	139.9436
2838	58.8752	162(2)	167.5618	139.9743
2839	58.8952	163(2)	167.3408	140.0049
2840	58.9153	157(2)	167.0552	140.0356
2841	58.9353	157(2)	166.6920	140.0662
2842	58.9554	162(2)	166.2728	140.0970
2843	58.9754	158(2)	165.7780	140.1408
2844	58.9954	160(2)	165.2471	140.2037
2845	59.0155	158(2)	164.6680	140.2669
2846	59.0354	161(2)	164.1010	140.3295
2847	59.0554	158(2)	163.5527	140.3924
2848	59.0754	163(2)	163.0421	140.4553
2849	59.0951	159(2)	162.6100	140.5173
2850	59.1152	158(2)	162.2706	140.5805
2851	59.1352	162(2)	162.0706	140.6434
2852	59.1553	162(2)	162.0301	140.7066

2853	59.1753	160(2)	162.2047	140.7695
2854	59.1953	161(2)	162.6152	140.8324
2855	59.2152	165(2)	163.2606	140.8950
2856	59.2351	163(2)	164.1607	140.9576
2857	59.2552	162(2)	165.3056	141.0208
2858	59.2750	168(2)	166.6510	141.0831
2859	59.2950	167(2)	168.1752	141.1460
2860	59.3151	162(2)	169.8141	141.2092
2861	59.3351	170(2)	171.4775	141.2721
2862	59.3551	167(2)	173.0873	141.3350
2863	59.3751	172(2)	174.5583	141.3979
2864	59.3952	168(2)	175.8160	141.4612
2865	59.4154	173(2)	176.7840	141.5247
2866	59.4351	172(2)	177.4107	141.5866
2867	59.4552	172(2)	177.7181	141.6499
2868	59.4752	168(2)	177.7096	141.7128
2869	59.4953	172(2)	177.4420	141.7760
2870	59.5151	168(2)	177.0118	141.8383
2871	59.5351	166(2)	176.6127	141.9012
2872	59.5552	173(2)	176.1546	141.9644
2873	59.5753	172(2)	175.8348	142.0276
2874	59.5954	168(2)	175.6974	142.0908
2875	59.6153	172(2)	175.7973	142.1534
2876	59.6352	169(2)	176.1268	142.2160
2877	59.6552	176(2)	176.6569	142.2789
2878	59.6752	176(2)	177.3326	142.3418
2879	59.6952	177(2)	178.0921	142.4047
2880	59.7152	179(2)	178.7844	142.4676
2881	59.7352	180(2)	179.4595	142.5305
2882	59.7552	178(2)	179.9963	142.5934
2883	59.7751	176(2)	180.3307	142.6560
2884	59.7953	177(2)	180.4332	142.7195
2885	59.8154	176(2)	180.2832	142.7828
2886	59.8352	178(2)	179.9037	142.8450
2887	59.8551	179(2)	179.2953	142.9076
2888	59.8751	178(2)	178.5334	142.9705
2889	59.8951	182(2)	177.6419	143.0334
2890	59.9151	180(2)	176.7576	143.0963
2891	59.9351	179(2)	175.9349	143.1592
2892	59.9552	183(2)	175.2760	143.2224
2893	59.9752	186(2)	174.8678	143.2854
2894	59.9952	186(2)	174.7550	143.3483
2895	60.0152	187(2)	174.9721	143.4112
2896	60.0351	188(2)	175.5274	143.4738
2897	60.0551	191(2)	176.3937	143.5367
2898	60.0750	195(2)	177.5115	143.5992
2899	60.0951	195(2)	178.8074	143.6625
2900	60.1150	192(2)	180.1557	143.7251
2901	60.1351	197(2)	181.4926	143.7883
2902	60.1550	196(2)	182.6689	143.8509
2903	60.1750	194(2)	183.6303	143.9138
2904	60.1952	194(2)	184.2982	143.9773
2905	60.2152	193(2)	184.5817	144.0402
2906	60.2353	196(2)	184.4883	144.1034

2907	60.2553	196(2)	184.0256	144.1663
2908	60.2751	197(2)	183.2446	144.2286
2909	60.2952	190(2)	182.1624	144.2918
2910	60.3152	194(2)	180.8905	144.3547
2911	60.3352	191(2)	179.4687	144.4176
2912	60.3552	194(2)	177.9850	144.4805
2913	60.3750	187(2)	176.5631	144.5428
2914	60.3950	192(2)	175.2611	144.6057
2915	60.4151	190(2)	174.1561	144.6689
2916	60.4352	190(2)	173.3150	144.7321
2917	60.4552	192(2)	172.7915	144.7950
2918	60.4753	194(2)	172.5928	144.8583
2919	60.4952	190(2)	172.7214	144.9209
2920	60.5151	190(2)	173.1615	144.9834
2921	60.5351	190(2)	173.9016	145.0464
2922	60.5551	191(2)	174.9009	145.1093
2923	60.5751	191(2)	176.0984	145.1721
2924	60.5950	191(2)	177.4398	145.2347
2925	60.6151	191(2)	178.8501	145.2980
2926	60.6352	190(2)	180.2189	145.3612
2927	60.6552	186(2)	181.4411	145.4241
2928	60.6754	186(2)	182.4346	145.4876
2929	60.6954	187(2)	183.0400	145.5070
2930	60.7153	187(2)	183.2530	145.5041
2931	60.7352	187(2)	183.1191	145.5012
2932	60.7552	181(2)	182.6599	145.4982
2933	60.7752	180(2)	181.9497	145.4952
2934	60.7952	182(2)	181.0213	145.4923
2935	60.8154	182(2)	179.9891	145.4893
2936	60.8354	179(2)	178.9043	145.4863
2937	60.8554	177(2)	177.8105	145.4834
2938	60.8753	179(2)	176.7418	145.4804
2939	60.8952	177(2)	175.7089	145.4775
2940	60.9153	179(2)	174.7181	145.4745
2941	60.9354	178(2)	173.7875	145.4715
2942	60.9552	175(2)	172.9191	145.4686
2943	60.9754	169(2)	172.0788	145.4656
2944	60.9952	176(2)	171.3009	145.4627
2945	61.0154	171(2)	170.5338	145.4597
2946	61.0352	171(2)	169.8455	145.4568
2947	61.0554	167(2)	169.2055	145.4538
2948	61.0752	172(2)	168.5971	145.4508
2949	61.0951	167(2)	168.0433	145.4479
2950	61.1152	172(2)	167.5387	145.4449
2951	61.1353	174(2)	167.0869	145.4420
2952	61.1554	172(2)	166.7185	145.4390
2953	61.1754	173(2)	166.4383	145.4360
2954	61.1954	172(2)	166.2900	145.4331
2955	61.2154	171(2)	166.2933	145.4301
2956	61.2354	174(2)	166.4806	145.4271
2957	61.2552	168(2)	166.8664	145.4242
2958	61.2753	172(2)	167.4678	145.4212
2959	61.2951	170(2)	168.2855	145.4183
2960	61.3152	173(2)	169.3255	145.4153

2961	61.3352	168(2)	170.5579	145.4124
2962	61.3552	177(2)	171.9570	145.4094
2963	61.3754	174(2)	173.5045	145.4064
2964	61.3953	177(2)	175.1184	145.4035
2965	61.4152	177(2)	176.7807	145.4005
2966	61.4354	177(2)	178.4701	145.3975
2967	61.4552	177(2)	180.0721	145.3946
2968	61.4752	178(2)	181.6147	145.3916
2969	61.4952	180(2)	183.0437	145.3887
2970	61.5152	180(2)	184.3529	145.3857
2971	61.5352	178(2)	185.5412	145.3828
2972	61.5554	182(2)	186.6262	145.3798
2973	61.5752	181(2)	187.5614	145.3768
2974	61.5954	182(2)	188.4140	145.3739
2975	61.6154	185(2)	189.1630	145.3709
2976	61.6354	183(2)	189.8035	145.3679
2977	61.6554	183(2)	190.3311	145.3650
2978	61.6751	182(2)	190.7186	145.3621
2979	61.6952	180(2)	190.9680	145.3591
2980	61.7152	179(2)	191.0646	145.3561
2981	61.7352	185(2)	191.0026	145.3532
2982	61.7552	179(2)	190.8068	145.3502
2983	61.7752	184(2)	190.4838	145.3472
2984	61.7952	179(2)	190.0676	145.3443
2985	61.8153	182(2)	189.5909	145.3413
2986	61.8352	180(2)	189.1075	145.3384
2987	61.8551	179(2)	188.6416	145.3354
2988	61.8750	182(2)	188.2151	145.3325
2989	61.8951	179(2)	187.8246	145.3295
2990	61.9150	182(2)	187.4524	145.3266
2991	61.9350	179(2)	187.0448	145.3236
2992	61.9551	174(2)	186.5650	145.3206
2993	61.9751	173(2)	185.9301	145.3177
2994	61.9952	173(2)	185.1391	145.3147
2995	62.0151	175(2)	184.1486	145.3118
2996	62.0352	173(2)	182.9148	145.3088
2997	62.0551	176(2)	181.4472	145.3058
2998	62.0752	174(2)	179.8058	145.3029
2999	62.0952	174(2)	177.9917	145.2999
3000	62.1151	172(2)	176.0955	145.2970
3001	62.1350	170(2)	174.1299	145.2940
3002	62.1549	172(2)	172.2457	145.2911
3003	62.1749	165(2)	170.4653	145.2881
3004	62.1949	166(2)	168.8713	145.2851
3005	62.2150	169(2)	167.4743	145.2822
3006	62.2350	168(2)	166.3694	145.2792
3007	62.2550	164(2)	165.5284	145.2762
3008	62.2749	165(2)	164.9527	145.2733
3009	62.2950	169(2)	164.6234	145.2703
3010	62.3150	168(2)	164.5009	145.2674
3011	62.3350	166(2)	164.5497	145.2644
3012	62.3550	165(2)	164.7088	145.2614
3013	62.3749	165(2)	164.9261	145.2585
3014	62.3949	164(2)	165.1752	145.2555

3015	62.4152	167(2)	165.4401	145.2525
3016	62.4352	172(2)	165.6636	145.2496
3017	62.4553	167(2)	165.8493	145.2466
3018	62.4754	168(2)	165.9901	145.2436
3019	62.4954	172(2)	166.0792	145.2407
3020	62.5153	174(2)	166.1361	145.2377
3021	62.5353	170(2)	166.1928	145.2348
3022	62.5552	171(2)	166.2015	145.2318
3023	62.5752	169(2)	166.2014	145.2289
3024	62.5951	173(2)	166.1997	145.2259
3025	62.6151	173(2)	166.2017	145.2229
3026	62.6352	172(2)	166.2121	145.2200
3027	62.6551	174(2)	166.2261	145.2170
3028	62.6751	173(2)	166.2471	145.2141
3029	62.6951	173(2)	166.2690	145.2111
3030	62.7151	168(2)	166.3053	145.2081
3031	62.7349	168(2)	166.3353	145.2052
3032	62.7549	169(2)	166.3782	145.2023
3033	62.7749	172(2)	166.4192	145.1951
3034	62.7950	170(2)	166.4568	145.1744
3035	62.8151	170(2)	166.4769	145.1536
3036	62.8351	167(2)	166.4774	145.1330
3037	62.8551	165(2)	166.4835	145.1124
3038	62.8752	166(2)	166.4849	145.0916
3039	62.8952	170(2)	166.4782	145.0710
3040	62.9154	168(2)	166.4623	145.0501
3041	62.9353	168(2)	166.4568	145.0296
3042	62.9553	168(2)	166.4399	145.0089
3043	62.9754	167(2)	166.4278	144.9882
3044	62.9954	167(2)	166.4184	144.9675
3045	63.0155	162(2)	166.4080	144.9468
3046	63.0354	161(2)	166.3807	144.9262
3047	63.0554	159(2)	166.3356	144.9056
3048	63.0753	162(2)	166.2628	144.8850
3049	63.0951	164(2)	166.1303	144.8646
3050	63.1152	159(2)	165.9419	144.8439
3051	63.1354	162(2)	165.6708	144.8230
3052	63.1552	162(2)	165.3434	144.8026
3053	63.1752	160(2)	164.9480	144.7819
3054	63.1954	165(2)	164.5021	144.7611
3055	63.2153	158(2)	164.0262	144.7405
3056	63.2352	159(2)	163.5275	144.7200
3057	63.2551	161(2)	162.9995	144.6994
3058	63.2749	161(2)	162.4827	144.6790
3059	63.2950	160(2)	161.9470	144.6582
3060	63.3150	157(2)	161.4289	144.6376
3061	63.3352	157(2)	160.9075	144.6167
3062	63.3551	161(2)	160.4285	144.5962
3063	63.3751	157(2)	159.9483	144.5755
3064	63.3953	159(2)	159.4943	144.5547
3065	63.4153	159(2)	159.0696	144.5341
3066	63.4353	155(2)	158.6946	144.5134
3067	63.4552	158(2)	158.3775	144.4929
3068	63.4752	155(2)	158.1252	144.4722

3069	63.4952	155(2)	157.9777	144.4516
3070	63.5152	159(2)	157.9532	144.4309
3071	63.5352	155(2)	158.0597	144.4103
3072	63.5552	156(2)	158.3579	144.3896
3073	63.5753	158(2)	158.8079	144.3689
3074	63.5954	160(2)	159.4447	144.3481
3075	63.6152	157(2)	160.2632	144.3277
3076	63.6352	159(2)	161.2524	144.3071
3077	63.6552	156(2)	162.4527	144.2864
3078	63.6752	154(2)	163.8128	144.2658
3079	63.6952	159(2)	165.3025	144.2451
3080	63.7152	159(2)	166.8985	144.2245
3081	63.7352	156(2)	168.5594	144.2038
3082	63.7552	157(2)	170.2393	144.1832
3083	63.7751	158(2)	171.9033	144.1626
3084	63.7953	161(2)	173.5088	144.1418
3085	63.8153	162(2)	174.9864	144.1211
3086	63.8352	159(2)	176.3041	144.1006
3087	63.8551	160(2)	177.4328	144.0800
3088	63.8751	163(2)	178.3393	144.0594
3089	63.8950	163(2)	178.9978	144.0389
3090	63.9151	162(2)	179.3905	144.0181
3091	63.9352	163(2)	179.5324	143.9974
3092	63.9552	163(2)	179.4251	143.9767
3093	63.9751	165(2)	179.1213	143.9562
3094	63.9952	165(2)	178.5401	143.9354
3095	64.0152	165(2)	177.8847	143.9148
3096	64.0351	170(2)	177.0976	143.8942
3097	64.0550	167(2)	176.1994	143.8737
3098	64.0750	165(2)	175.2355	143.8530
3099	64.0950	163(2)	174.2225	143.8324
3100	64.1151	165(2)	173.1961	143.8116
3101	64.1351	169(2)	172.1986	143.7910
3102	64.1550	171(2)	171.2618	143.7705
3103	64.1750	169(2)	170.3900	143.7498
3104	64.1952	167(2)	169.5862	143.7290
3105	64.2153	167(2)	168.8783	143.7082
3106	64.2353	162(2)	168.2599	143.6876
3107	64.2552	162(2)	167.7310	143.6670
3108	64.2752	163(2)	167.3024	143.6464
3109	64.2952	166(2)	166.9824	143.6257
3110	64.3153	164(2)	166.7853	143.6050
3111	64.3352	162(2)	166.7235	143.5844
3112	64.3551	161(2)	166.8075	143.5639
3113	64.3751	165(2)	167.0604	143.5432
3114	64.3950	163(2)	167.4487	143.5227
3115	64.4152	164(2)	167.9827	143.5018
3116	64.4351	170(2)	168.6340	143.4813
3117	64.4553	164(2)	169.3993	143.4883
3118	64.4753	166(2)	170.2163	143.5071
3119	64.4952	166(2)	171.0515	143.5258
3120	64.5152	169(2)	171.8729	143.5447
3121	64.5351	168(2)	172.6543	143.5634
3122	64.5550	169(2)	173.3724	143.5821



3123	64.5751	169(2)	174.0334	143.6011
3124	64.5951	170(2)	174.6096	143.6199
3125	64.6151	170(2)	175.1258	143.6387
3126	64.6352	168(2)	175.5761	143.6576
3127	64.6552	172(2)	175.9617	143.6765
3128	64.6754	172(2)	176.2957	143.6955
3129	64.6954	171(2)	176.5434	143.7143
3130	64.7154	170(2)	176.7404	143.7332
3131	64.7351	173(2)	176.8622	143.7517
3132	64.7552	174(2)	176.9118	143.7706
3133	64.7752	175(2)	176.8670	143.7894
3134	64.7952	176(2)	176.7623	143.8083
3135	64.8154	173(2)	176.5966	143.8273
3136	64.8354	172(2)	176.3930	143.8461
3137	64.8554	181(2)	176.1484	143.8649
3138	64.8753	181(2)	175.8816	143.8837
3139	64.8952	177(2)	175.6080	143.9024
3140	64.9153	174(2)	175.3414	143.9213
3141	64.9354	178(2)	175.0999	143.9403
3142	64.9553	176(2)	174.8935	143.9590
3143	64.9752	180(2)	174.7686	143.9777
3144	64.9954	180(2)	174.7376	143.9967
3145	65.0153	181(2)	174.8188	144.0155
3146	65.0353	182(2)	175.0413	144.0343
3147	65.0553	178(2)	175.3976	144.0531
3148	65.0751	183(2)	175.8559	144.0718
3149	65.0951	181(2)	176.4128	144.0906
3150	65.1152	180(2)	177.0265	144.1095
3151	65.1354	181(2)	177.6377	144.1286
3152	65.1553	182(2)	178.1838	144.1473
3153	65.1755	184(2)	178.6321	144.1663
3154	65.1954	186(2)	178.9225	144.1850
3155	65.2154	183(2)	179.0319	144.2039
3156	65.2353	180(2)	178.9475	144.2226
3157	65.2553	184(2)	178.6633	144.2414
3158	65.2752	182(2)	178.1995	144.2602
3159	65.2952	178(2)	177.5899	144.2790
3160	65.3152	179(2)	176.8665	144.2978
3161	65.3352	177(2)	176.0828	144.3167
3162	65.3553	179(2)	175.2808	144.3356
3163	65.3754	174(2)	174.5057	144.3545
3164	65.3953	176(2)	173.7850	144.3732
3165	65.4153	176(2)	173.1167	144.3921
3166	65.4353	174(2)	172.5594	144.4109
3167	65.4553	177(2)	172.1044	144.4297
3168	65.4752	172(2)	171.7502	144.4484
3169	65.4952	172(2)	171.5075	144.4673
3170	65.5152	175(2)	171.3539	144.4861
3171	65.5353	171(2)	171.2734	144.5050
3172	65.5553	171(2)	171.2265	144.5238
3173	65.5754	174(2)	171.2055	144.5428
3174	65.5954	170(2)	171.1272	144.5616
3175	65.6155	170(2)	170.9801	144.5805
3176	65.6354	169(2)	170.7443	144.5993

3177	65.6554	168(2)	170.4062	144.6181
3178	65.6752	171(2)	169.9700	144.6367
3179	65.6952	170(2)	169.4616	144.6556
3180	65.7152	169(2)	168.9179	144.6744
3181	65.7352	169(2)	168.3725	144.6932
3182	65.7552	168(2)	167.8558	144.7121
3183	65.7752	169(2)	167.4461	144.7309
3184	65.7952	170(2)	167.1442	144.7497
3185	65.8152	174(2)	166.9946	144.7686
3186	65.8353	172(2)	167.0390	144.7877
3187	65.8551	177(2)	167.3179	144.8065
3188	65.8750	174(2)	167.8517	144.8254
3189	65.8951	179(2)	168.6872	144.8445
3190	65.9150	180(2)	169.8120	144.8634
3191	65.9351	182(2)	171.2636	144.8825
3192	65.9550	186(2)	172.9850	144.9014
3193	65.9752	191(2)	174.9928	144.9206
3194	65.9951	196(2)	177.1445	144.9395
3195	66.0151	193(2)	179.3920	144.9585
3196	66.0351	197(2)	181.6166	144.9775
3197	66.0551	202(2)	183.6895	144.9965
3198	66.0752	197(2)	185.4887	145.0156
3199	66.0952	200(2)	186.8917	145.0346
3200	66.1151	197(2)	187.8195	145.0535
3201	66.1351	189(2)	188.2264	145.0726
3202	66.1549	194(2)	188.0697	145.0914
3203	66.1749	190(2)	187.3966	145.1104
3204	66.1949	186(2)	186.2547	145.1294
3205	66.2149	183(2)	184.7194	145.1484
3206	66.2350	181(2)	182.9050	145.1675
3207	66.2550	179(2)	180.9311	145.1865
3208	66.2749	178(2)	178.9059	145.2054
3209	66.2950	175(2)	176.8911	145.2245
3210	66.3150	171(2)	174.9825	145.2435
3211	66.3350	169(2)	173.2446	145.2625
3212	66.3550	173(2)	171.6970	145.2815
3213	66.3749	171(2)	170.3527	145.3004
3214	66.3950	167(2)	169.1925	145.3195
3215	66.4152	173(2)	168.2123	145.3387
3216	66.4352	168(2)	167.4162	145.3577
3217	66.4553	172(2)	166.7908	145.3768
3218	66.4754	167(2)	166.3014	145.3959
3219	66.4954	172(2)	165.9436	145.4149
3220	66.5154	167(2)	165.6915	145.4339
3221	66.5353	171(2)	165.5148	145.4528
3222	66.5553	165(2)	165.3768	145.4718
3223	66.5751	166(2)	165.2722	145.4906
3224	66.5951	168(2)	165.1781	145.5096
3225	66.6151	168(2)	165.0895	145.5286
3226	66.6352	165(2)	164.9843	145.5477
3227	66.6552	167(2)	164.8794	145.5667
3228	66.6751	168(2)	164.7887	145.5856
3229	66.6951	169(2)	164.7357	145.6046
3230	66.7151	171(2)	164.7502	145.6236

3231	66.7350	167(2)	164.8533	145.6425
3232	66.7549	169(2)	165.0527	145.6614
3233	66.7749	166(2)	165.3790	145.6804
3234	66.7950	167(2)	165.8316	145.6995
3235	66.8151	167(2)	166.3827	145.7186
3236	66.8351	168(2)	167.0314	145.7376
3237	66.8551	171(2)	167.7287	145.7566
3238	66.8752	175(2)	168.4241	145.7757
3239	66.8952	169(2)	169.0564	145.7947
3240	66.9154	172(2)	169.5677	145.8139
3241	66.9352	170(2)	169.8888	145.8327
3242	66.9554	164(2)	169.9962	145.8519
3243	66.9754	168(2)	169.8666	145.8709
3244	66.9954	170(2)	169.5119	145.8899
3245	67.0154	166(2)	168.9667	145.9089
3246	67.0354	165(2)	168.2803	145.9279
3247	67.0555	165(2)	167.5104	145.9470
3248	67.0752	167(2)	166.7431	145.9657
3249	67.0951	165(2)	165.9948	145.9847
3250	67.1153	162(2)	165.3619	146.0038
3251	67.1352	159(2)	164.8505	146.0228
3252	67.1553	164(2)	164.5495	146.0419
3253	67.1753	161(2)	164.4355	146.0609
3254	67.1953	161(2)	164.5059	146.0799
3255	67.2152	159(2)	164.7375	146.0988
3256	67.2352	162(2)	165.0861	146.1178
3257	67.2551	163(2)	165.5186	146.1367
3258	67.2749	162(2)	166.0046	146.1555
3259	67.2950	162(2)	166.4540	146.1746
3260	67.3151	166(2)	166.8989	146.1937
3261	67.3351	162(2)	167.2552	146.2127
3262	67.3551	159(2)	167.4977	146.2317
3263	67.3751	165(2)	167.6239	146.2507
3264	67.3952	166(2)	167.6138	146.2698
3265	67.4154	161(2)	167.4904	146.2890
3266	67.4352	163(2)	167.2642	146.3078
3267	67.4552	162(2)	166.9622	146.3268
3268	67.4752	164(2)	166.6245	146.3458
3269	67.4952	162(2)	166.2901	146.3648
3270	67.5152	168(2)	166.0148	146.3838
3271	67.5352	162(2)	165.8850	146.4028
3272	67.5552	164(2)	165.8785	146.4218
3273	67.5752	165(2)	166.0677	146.4408
3274	67.5954	170(2)	166.4886	146.4600
3275	67.6152	173(2)	167.1415	146.4788
3276	67.6352	171(2)	168.0486	146.4978
3277	67.6552	172(2)	169.1886	146.5168
3278	67.6752	172(2)	170.5461	146.5358
3279	67.6951	171(2)	172.0644	146.5547
3280	67.7151	173(2)	173.7178	146.5737
3281	67.7352	175(2)	175.4650	146.5928
3282	67.7552	173(2)	177.2088	146.6118
3283	67.7752	180(2)	178.9062	146.6308
3284	67.7952	175(2)	180.5114	146.6498

3285	67.8153	178(2)	181.9902	146.6689
3286	67.8352	175(2)	183.2932	146.6879
3287	67.8551	178(2)	184.4198	146.7068
3288	67.8750	176(2)	185.3772	146.7257
3289	67.8951	182(2)	186.1649	146.7448
3290	67.9151	183(2)	186.7963	146.7638
3291	67.9351	179(2)	187.2710	146.7828
3292	67.9552	183(2)	187.6228	146.8019
3293	67.9751	183(2)	187.8427	146.8208
3294	67.9952	184(2)	187.9272	146.8399
3295	68.0151	179(2)	187.8516	146.8588
3296	68.0351	184(2)	187.6110	146.8778
3297	68.0550	179(2)	187.1777	146.8967
3298	68.0750	179(2)	186.5382	146.9157
3299	68.0951	179(2)	185.7001	146.9348
3300	68.1151	179(2)	184.7318	146.9538
3301	68.1350	177(2)	183.6461	146.9727
3302	68.1549	182(2)	182.4717	146.9916
3303	68.1750	179(2)	181.2986	147.0107
3304	68.1952	180(2)	180.1704	147.0299
3305	68.2152	178(2)	179.1676	147.0489
3306	68.2353	177(2)	178.3042	147.0680
3307	68.2551	177(2)	177.6182	147.0868
3308	68.2752	174(2)	177.0962	147.1059
3309	68.2953	174(2)	176.7317	147.1250
3310	68.3152	176(2)	176.4924	147.1377
3311	68.3352	178(2)	176.2908	147.0946
3312	68.3551	176(2)	176.1247	147.0518
3313	68.3751	173(2)	175.9648	147.0087
3314	68.3950	172(2)	175.7670	146.9658
3315	68.4151	174(2)	175.5135	146.9225
3316	68.4351	173(2)	175.1783	146.8795
3317	68.4552	172(2)	174.7661	146.8362
3318	68.4753	171(2)	174.2941	146.7929
3319	68.4952	171(2)	173.7829	146.7500
3320	68.5151	169(2)	173.2743	146.7072
3321	68.5350	170(2)	172.7793	146.6643
3322	68.5551	170(2)	172.3212	146.6210
3323	68.5751	170(2)	171.9284	146.5779
3324	68.5950	171(2)	171.6215	146.5351
3325	68.6151	169(2)	171.4034	146.4918
3326	68.6351	171(2)	171.2938	146.4487
3327	68.6552	174(2)	171.2931	146.4054
3328	68.6753	174(2)	171.3972	146.3621
3329	68.6955	168(2)	171.6144	146.3186
3330	68.7152	171(2)	171.9339	146.2762
3331	68.7352	176(2)	172.3721	146.2331
3332	68.7551	170(2)	172.9305	146.1903
3333	68.7752	174(2)	173.6104	146.1470
3334	68.7952	174(2)	174.4039	146.1039
3335	68.8154	182(2)	175.3108	146.0604
3336	68.8354	181(2)	176.2933	146.0173
3337	68.8553	179(2)	177.3280	145.9745
3338	68.8754	187(2)	178.3985	145.9312

3339	68.8952	189(2)	179.4549	145.8885
3340	68.9154	186(2)	180.4588	145.8450
3341	68.9354	189(2)	181.3664	145.8020
3342	68.9552	189(2)	182.1406	145.7593
3343	68.9753	193(2)	182.7531	145.7160
3344	68.9954	195(2)	183.1684	145.6727
3345	69.0154	194(2)	183.3621	145.6297
3346	69.0353	193(2)	183.3190	145.5868
3347	69.0552	193(2)	183.0318	145.5439
3348	69.0752	189(2)	182.5221	145.5009
3349	69.0951	188(2)	181.8128	145.4580
3350	69.1154	191(2)	180.9234	145.4143
3351	69.1353	190(2)	179.9375	145.3714
3352	69.1554	185(2)	178.8754	145.3282
3353	69.1754	189(2)	177.7905	145.2851
3354	69.1955	185(2)	176.7187	145.2418
3355	69.2154	180(2)	175.7011	145.1989
3356	69.2354	174(2)	174.7533	145.1559
3357	69.2552	180(2)	173.9052	145.1132
3358	69.2752	177(2)	173.1506	145.0701
3359	69.2952	173(2)	172.5215	145.0271
3360	69.3152	175(2)	172.0420	144.9840
3361	69.3354	175(2)	171.7026	144.9405
3362	69.3553	174(2)	171.5006	144.8976
3363	69.3753	172(2)	171.4126	144.8546
3364	69.3953	174(2)	171.4062	144.8115
3365	69.4153	169(2)	171.4309	144.7684
3366	69.4354	174(2)	171.4565	144.7251
3367	69.4552	173(2)	171.4379	144.6825
3368	69.4754	175(2)	171.3410	144.6390
3369	69.4952	175(2)	171.1492	144.5963
3370	69.5153	176(2)	170.8474	144.5530
3371	69.5352	175(2)	170.4296	144.5102
3372	69.5552	174(2)	169.9049	144.4671
3373	69.5754	176(2)	169.2778	144.4236
3374	69.5955	172(2)	168.5959	144.3803
3375	69.6154	171(2)	167.8806	144.3374
3376	69.6354	168(2)	167.1635	144.2944
3377	69.6553	171(2)	166.5064	144.2515
3378	69.6752	169(2)	165.9507	144.2086
3379	69.6952	168(2)	165.5232	144.1656
3380	69.7152	169(2)	165.2592	144.1225
3381	69.7352	165(2)	165.1807	144.0794
3382	69.7551	168(2)	165.3017	144.0366
3383	69.7753	171(2)	165.6274	143.9931
3384	69.7953	168(2)	166.1282	143.9500
3385	69.8152	172(2)	166.7885	143.9071
3386	69.8352	167(2)	167.5570	143.8641
3387	69.8551	167(2)	168.3825	143.8212
3388	69.8751	171(2)	169.2241	143.7781
3389	69.8951	172(2)	170.0201	143.7351
3390	69.9150	172(2)	170.7163	143.6922
3391	69.9350	172(2)	171.2689	143.6491
3392	69.9551	169(2)	171.5796	143.5620

3393	69.9752	169(2)	171.6169	143.4198
3394	69.9952	171(2)	171.4054	143.2783
3395	70.0151	174(2)	170.9518	143.1376
3396	70.0351	174(2)	170.2574	142.9961
3397	70.0552	175(2)	169.3271	142.8539
3398	70.0752	168(2)	168.2116	142.7124
3399	70.0952	167(2)	166.9437	142.5709
3400	70.1151	162(2)	165.5591	142.4302
3401	70.1351	164(2)	164.0863	142.2886
3402	70.1549	163(2)	162.6157	142.1486
3403	70.1749	163(2)	161.1369	142.0071
3404	70.1949	164(2)	159.6771	141.8656
3405	70.2149	161(2)	158.3249	141.7241
3406	70.2350	160(2)	157.0590	141.5819
3407	70.2550	159(2)	155.9075	141.4405
3408	70.2750	159(2)	154.8725	141.2989
3409	70.2950	158(2)	153.9594	141.1575
3410	70.3150	157(2)	153.1479	141.0160
3411	70.3351	153(2)	152.4316	140.8738
3412	70.3550	157(2)	151.8051	140.7330
3413	70.3749	153(2)	151.2553	140.5922
3414	70.3950	154(2)	150.7491	140.4501
3415	70.4152	153(2)	150.2993	140.3071
3416	70.4352	152(2)	149.9091	140.1657
3417	70.4554	155(2)	149.5604	140.0228
3418	70.4754	150(2)	149.2663	139.8813
3419	70.4954	150(2)	149.0431	139.7398
3420	70.5154	158(2)	148.8908	139.5983
3421	70.5353	154(2)	148.8260	139.4575
3422	70.5553	154(2)	148.8352	139.3160
3423	70.5752	157(2)	148.9353	139.1753
3424	70.5951	153(2)	149.1297	139.0345
3425	70.6151	151(2)	149.4176	138.8930
3426	70.6353	152(2)	149.8117	138.7501
3427	70.6552	152(2)	150.2882	138.6093
3428	70.6751	153(2)	150.8522	138.4686
3429	70.6951	159(2)	151.4710	138.3270
3430	70.7151	152(2)	152.1507	138.1856
3431	70.7350	154(2)	152.8556	138.0448
3432	70.7549	155(2)	153.5630	137.9040
3433	70.7749	157(2)	154.2562	137.7625
3434	70.7950	154(2)	154.9007	137.6203
3435	70.8151	154(2)	155.4707	137.4782
3436	70.8351	157(2)	155.9615	137.3367
3437	70.8551	156(2)	156.3414	137.1952
3438	70.8752	152(2)	156.6006	137.0530
3439	70.8953	157(2)	156.7689	136.9108
3440	70.9152	157(2)	156.8450	136.7700
3441	70.9354	154(2)	156.8449	136.6271
3442	70.9553	154(2)	156.7846	136.4863
3443	70.9755	154(2)	156.6607	136.3434
3444	70.9954	152(2)	156.5441	136.2026
3445	71.0155	156(2)	156.4478	136.0931
3446	71.0355	153(2)	156.4471	136.0553

3447	71.0554	153(2)	156.4730	136.0177
3448	71.0753	157(2)	156.5377	135.9801
3449	71.0951	153(2)	156.6406	135.9426
3450	71.1152	151(2)	156.8025	135.9046
3451	71.1354	153(2)	157.0162	135.8664
3452	71.1553	154(2)	157.2611	135.8288
3453	71.1753	152(2)	157.5365	135.7910
3454	71.1953	151(2)	157.8277	135.7532
3455	71.2152	151(2)	158.1076	135.7156
3456	71.2352	148(2)	158.3695	135.6778
3457	71.2551	153(2)	158.5884	135.6402
3458	71.2750	151(2)	158.7600	135.6026
3459	71.2950	154(2)	158.8602	135.5647
3460	71.3150	151(2)	158.8833	135.5269
3461	71.3351	148(2)	158.8172	135.4889
3462	71.3551	153(2)	158.6657	135.4511
3463	71.3752	149(2)	158.4182	135.4131
3464	71.3953	146(2)	158.0995	135.3752
3465	71.4152	149(2)	157.7213	135.3375
3466	71.4354	150(2)	157.2867	135.2993
3467	71.4552	146(2)	156.8251	135.2619
3468	71.4752	148(2)	156.3343	135.2241
3469	71.4952	150(2)	155.8340	135.1863
3470	71.5152	146(2)	155.3278	135.1485
3471	71.5352	145(2)	154.8360	135.1107
3472	71.5552	144(2)	154.3554	135.0729
3473	71.5754	145(2)	153.8829	135.0347
3474	71.5953	146(2)	153.4356	134.9971
3475	71.6152	142(2)	153.0066	134.9595
3476	71.6352	147(2)	152.5936	134.9217
3477	71.6552	144(2)	152.1994	134.8839
3478	71.6751	144(2)	151.8204	134.8462
3479	71.6952	146(2)	151.4623	134.8082
3480	71.7151	146(2)	151.1271	134.7706
3481	71.7352	146(2)	150.8210	134.7326
3482	71.7552	142.8(20)	150.5530	134.6948
3483	71.7752	145(2)	150.3205	134.6570
3484	71.7953	149(2)	150.1228	134.6190
3485	71.8152	144(2)	149.9677	134.5814
3486	71.8352	148(2)	149.8444	134.5436
3487	71.8552	144(2)	149.7481	134.5058
3488	71.8750	146(2)	149.6768	134.4684
3489	71.8951	144(2)	149.6230	134.4304
3490	71.9151	143(2)	149.5899	134.3925
3491	71.9351	144(2)	149.5855	134.3548
3492	71.9552	147(2)	149.6049	134.3168
3493	71.9752	147(2)	149.6667	134.2789
3494	71.9952	147(2)	149.7773	134.2411
3495	72.0152	149(2)	149.9388	134.2033
3496	72.0351	148(2)	150.1498	134.1657
3497	72.0550	146(2)	150.4131	134.1281
3498	72.0750	148(2)	150.7114	134.0903
3499	72.0951	148(2)	151.0359	134.0523
3500	72.1150	146(2)	151.3658	134.0147

3501	72.1351	148(2)	151.6871	133.9767
3502	72.1550	146(2)	151.9755	133.9391
3503	72.1750	148(2)	152.2209	133.9013
3504	72.1952	148(2)	152.4057	133.8631
3505	72.2152	146(2)	152.5343	133.8253
3506	72.2354	150(2)	152.6044	133.7871
3507	72.2552	148(2)	152.6176	133.7497
3508	72.2752	147(2)	152.5888	133.7119
3509	72.2952	149(2)	152.5255	133.6740
3510	72.3152	150(2)	152.4469	133.6362
3511	72.3352	149(2)	152.3649	133.5984
3512	72.3552	148(2)	152.2951	133.5606
3513	72.3750	148(2)	152.2457	133.5232
3514	72.3951	147(2)	152.2296	133.4852
3515	72.4151	145(2)	152.2553	133.4474
3516	72.4351	144(2)	152.3163	133.4096
3517	72.4552	148(2)	152.4153	133.3716
3518	72.4754	148(2)	152.5539	133.3334
3519	72.4951	144(2)	152.7010	133.2962
3520	72.5151	149(2)	152.8559	133.2584
3521	72.5351	147(2)	153.0055	133.2206
3522	72.5551	147(2)	153.1198	133.1828
3523	72.5750	144(2)	153.1978	133.1451
3524	72.5951	147(2)	153.2258	133.1071
3525	72.6151	150(2)	153.1902	133.0693
3526	72.6351	145(2)	153.0892	133.0315
3527	72.6552	149(2)	152.9201	132.9935
3528	72.6754	145(2)	152.6862	132.9553
3529	72.6954	143(2)	152.3993	132.9175
3530	72.7153	147(2)	152.0707	132.8799
3531	72.7352	151(2)	151.7146	132.8423
3532	72.7552	146(2)	151.3459	132.8045
3533	72.7751	147(2)	150.9800	132.7669
3534	72.7953	148(2)	150.6308	132.7287
3535	72.8154	150(2)	150.3047	132.6907
3536	72.8354	146(2)	150.0217	132.6529
3537	72.8554	145(2)	149.7870	132.6151
3538	72.8753	148(2)	149.6067	132.5775
3539	72.8952	144(2)	149.4869	132.5399
3540	72.9153	149(2)	149.4202	132.5019
3541	72.9354	145(2)	149.4006	132.4639
3542	72.9552	144(2)	149.4255	132.4264
3543	72.9753	148(2)	149.4821	132.3884
3544	72.9954	147(2)	149.5599	132.3504
3545	73.0153	144(2)	149.6523	132.3128
3546	73.0353	147(2)	149.7383	132.2750
3547	73.0553	148(2)	149.8058	132.2372
3548	73.0751	147(2)	149.8529	132.1998
3549	73.0951	146(2)	149.8615	132.1620
3550	73.1152	149(2)	149.8156	132.1187
3551	73.1353	151(2)	149.7018	132.0748
3552	73.1554	150(2)	149.5155	132.0309
3553	73.1754	152(2)	149.2429	131.9872
3554	73.1955	146(2)	148.9182	131.9433



3555	73.2154	150(2)	148.5476	131.8999
3556	73.2354	149(2)	148.1353	131.8562
3557	73.2553	149(2)	147.7014	131.8127
3558	73.2752	148(2)	147.2822	131.7692
3559	73.2952	147(2)	146.8839	131.7256
3560	73.3152	148(2)	146.5369	131.6819
3561	73.3353	146(2)	146.2517	131.6380
3562	73.3552	147(2)	146.0486	131.5945
3563	73.3753	150(2)	145.9395	131.5506
3564	73.3953	150(2)	145.9299	131.5070
3565	73.4152	151(2)	146.0241	131.4635
3566	73.4354	153(2)	146.2278	131.4194
3567	73.4553	152(2)	146.5330	131.3759
3568	73.4752	150(2)	146.9479	131.3325
3569	73.4953	150(2)	147.4709	131.2885
3570	73.5152	149(2)	148.0860	131.2451
3571	73.5354	152(2)	148.8052	131.2010
3572	73.5552	154(2)	149.5936	131.1577
3573	73.5754	157(2)	150.4338	131.1136
3574	73.5955	150(2)	151.2818	131.0697
3575	73.6154	152(2)	152.0950	131.0263
3576	73.6354	151(2)	152.8426	130.9826
3577	73.6553	152(2)	153.4662	130.9391
3578	73.6752	153(2)	153.9278	130.8956
3579	73.6952	148(2)	154.1941	130.8520
3580	73.7152	151(2)	154.2435	130.8083
3581	73.7352	151(2)	154.0619	130.7646
3582	73.7551	148(2)	153.6624	130.7211
3583	73.7753	146(2)	153.0497	130.6770
3584	73.7952	149(2)	152.2952	130.6336
3585	73.8154	150(2)	151.4083	130.5894
3586	73.8352	145(2)	150.4757	130.5462
3587	73.8552	148(2)	149.5113	130.5025
3588	73.8751	146(2)	148.5750	130.4591
3589	73.8950	149(2)	147.6987	130.4156
3590	73.9151	146(2)	146.9023	130.3717
3591	73.9350	142(2)	146.2159	130.3282
3592	73.9551	150(2)	145.6317	130.2843
3593	73.9751	147(2)	145.1613	130.2407
3594	73.9952	145(2)	144.7798	130.1968
3595	74.0152	146(2)	144.4792	130.1531
3596	74.0351	140.3(20)	144.2393	130.1096
3597	74.0551	148(2)	144.0339	130.0659
3598	74.0752	145(2)	143.8454	130.0220
3599	74.0953	143(2)	143.6589	129.9781
3600	74.1151	144(2)	143.4648	129.9349
3601	74.1351	144(2)	143.2600	129.8912
3602	74.1549	141.2(20)	143.0501	129.8480
3603	74.1749	147(2)	142.8338	129.8043
3604	74.1949	140.0(20)	142.6182	129.7606
3605	74.2150	142(2)	142.4258	129.7167
3606	74.2350	146(2)	142.2650	129.6730
3607	74.2550	145(2)	142.1410	129.6293
3608	74.2750	143(2)	142.0593	129.5857

3609	74.2950	145(2)	142.0175	129.5420
3610	74.3150	138.0(20)	142.0125	129.4983
3611	74.3350	141.0(20)	142.0371	129.4546
3612	74.3551	141.2(20)	142.0813	129.4107
3613	74.3750	141.7(20)	142.1281	129.3673
3614	74.3949	147(2)	142.1838	129.3238
3615	74.4152	144(2)	142.2428	129.2795
3616	74.4353	138.9(20)	142.3011	129.2356
3617	74.4554	144(2)	142.3622	129.1917
3618	74.4754	145(2)	142.4309	129.1480
3619	74.4954	144(2)	142.5062	129.1043
3620	74.5154	138.4(20)	142.5998	129.0606
3621	74.5352	142(2)	142.6983	129.0174
3622	74.5554	142(2)	142.8157	128.9733
3623	74.5752	143(2)	142.9390	128.9300
3624	74.5951	145(2)	143.0637	128.8866
3625	74.6152	140.2(20)	143.1985	128.8427
3626	74.6352	145(2)	143.3450	128.7990
3627	74.6552	143(2)	143.4958	128.7553
3628	74.6752	141(2)	143.6534	128.7116
3629	74.6951	142(2)	143.8132	128.6682
3630	74.7151	140.7(20)	143.9699	128.6245
3631	74.7350	141.0(20)	144.1415	128.5810
3632	74.7550	143(2)	144.3070	128.5374
3633	74.7749	143(2)	144.4633	128.4939
3634	74.7950	144(2)	144.6038	128.4500
3635	74.8151	138.9(20)	144.7074	128.4061
3636	74.8351	147(2)	144.7855	128.3624
3637	74.8552	142(2)	144.8179	128.3185
3638	74.8752	144(2)	144.7999	128.2748
3639	74.8952	144(2)	144.7298	128.2312
3640	74.9152	143(2)	144.6082	128.1875
3641	74.9354	141(2)	144.4432	128.1434
3642	74.9554	143(2)	144.2499	128.0997
3643	74.9754	146(2)	144.0475	128.0560
3644	74.9954	146(2)	143.8595	128.0123
3645	75.0154	144(2)	143.7092	127.9686
3646	75.0355	146(2)	143.6043	127.9247
3647	75.0555	145(2)	143.5638	127.8811
3648	75.0753	144(2)	143.5991	127.8378
3649	75.0952	140.7(20)	143.7081	127.7943
3650	75.1152	145(2)	143.8796	127.7507
3651	75.1352	148(2)	144.1144	127.7070
3652	75.1554	147(2)	144.3855	127.6629
3653	75.1754	142.0(20)	144.6628	127.6192
3654	75.1952	144(2)	144.9268	127.5759
3655	75.2154	149(2)	145.1651	127.5318
3656	75.2351	148(2)	145.3458	127.4888
3657	75.2551	146(2)	145.4560	127.4451
3658	75.2750	148(2)	145.4888	127.4016
3659	75.2950	146(2)	145.4484	127.3580
3660	75.3151	143(2)	145.3605	127.3665
3661	75.3351	143(2)	145.1913	127.3848
3662	75.3551	146(2)	144.9314	127.4031

3663	75.3752	142(2)	144.5687	127.4215
3664	75.3952	140.7(20)	144.1291	127.4398
3665	75.4152	144(2)	143.6134	127.4582
3666	75.4354	141.9(20)	143.0371	127.4767
3667	75.4552	138.8(20)	142.4304	127.4948
3668	75.4752	138.9(20)	141.7976	127.5131
3669	75.4952	138.6(20)	141.1659	127.5315
3670	75.5152	138.8(20)	140.5549	127.5498
3671	75.5352	136.4(20)	139.9763	127.5681
3672	75.5552	141.1(20)	139.4497	127.5864
3673	75.5752	136.1(20)	138.9768	127.6047
3674	75.5954	139.2(20)	138.5770	127.6232
3675	75.6153	139.8(20)	138.2553	127.6415
3676	75.6352	137.0(20)	138.0106	127.6597
3677	75.6552	138.4(20)	137.8425	127.6780
3678	75.6751	137.1(20)	137.7474	127.6962
3679	75.6951	138.1(20)	137.7192	127.7146
3680	75.7152	135.2(19)	137.7545	127.7330
3681	75.7351	141(2)	137.8405	127.7512
3682	75.7552	139.7(20)	137.9677	127.7696
3683	75.7752	137.0(20)	138.1259	127.7879
3684	75.7952	133.5(19)	138.3064	127.8063
3685	75.8152	135.6(20)	138.4860	127.8246
3686	75.8352	137.3(20)	138.6588	127.8429
3687	75.8551	135.5(20)	138.8110	127.8611
3688	75.8750	132.5(19)	138.9364	127.8794
3689	75.8951	136.6(20)	139.0282	127.8978
3690	75.9151	133.6(19)	139.0758	127.9161
3691	75.9351	135.7(20)	139.0838	127.9344
3692	75.9552	139.9(20)	139.0534	127.9528
3693	75.9752	132.9(19)	138.9926	127.9711
3694	75.9951	137.8(20)	138.9169	127.9894
3695	76.0152	138.8(20)	138.8105	128.0078
3696	76.0350	134.9(20)	138.6978	128.0259
3697	76.0551	137.0(20)	138.5824	128.0443
3698	76.0750	137.7(20)	138.4754	128.0626
3699	76.0950	137.5(20)	138.3829	128.0809
3700	76.1151	132.9(20)	138.3005	128.0993
3701	76.1350	135.4(20)	138.2339	128.1175
3702	76.1550	138.0(20)	138.1799	128.1358
3703	76.1750	136.4(20)	138.1402	128.1542
3704	76.1951	132.9(20)	138.1153	128.1726
3705	76.2153	133.0(19)	138.0970	128.1911
3706	76.2353	134.9(20)	138.0835	128.2094
3707	76.2552	134.9(20)	138.0852	128.2276
3708	76.2751	135.4(20)	138.0899	128.2458
3709	76.2952	137.9(20)	138.0983	128.2643
3710	76.3152	136.7(20)	138.1080	128.2826
3711	76.3352	135.8(20)	138.1149	128.3009
3712	76.3552	134.0(20)	138.1137	128.3192
3713	76.3750	136.0(20)	138.1031	128.3374
3714	76.3950	133.5(19)	138.0776	128.3557
3715	76.4151	130.7(19)	138.0452	128.3741
3716	76.4351	138.0(20)	138.0044	128.3924

3717	76.4552	135.2(20)	137.9582	128.4108
3718	76.4754	138.5(20)	137.9151	128.4293
3719	76.4951	132.3(19)	137.8808	128.4474
3720	76.5151	136.4(20)	137.8578	128.4657
3721	76.5351	137.6(20)	137.8582	128.4840
3722	76.5550	139.8(20)	137.8889	128.5022
3723	76.5750	138.8(20)	137.9531	128.5206
3724	76.5950	138.0(20)	138.0558	128.5389
3725	76.6151	138.2(20)	138.1993	128.5573
3726	76.6351	137.8(20)	138.3821	128.5756
3727	76.6552	137.0(20)	138.6004	128.5940
3728	76.6754	138.1(20)	138.8519	128.6125
3729	76.6954	139.7(20)	139.1211	128.6308
3730	76.7153	137.6(20)	139.4613	128.7055
3731	76.7352	140.2(20)	139.8430	128.8165
3732	76.7551	136.2(20)	140.2186	128.9276
3733	76.7752	139.8(20)	140.5893	129.0397
3734	76.7952	137.1(20)	140.9393	129.1513
3735	76.8154	138.7(20)	141.2709	129.2640
3736	76.8354	137.0(20)	141.5672	129.3756
3737	76.8554	138.4(20)	141.8288	129.4872
3738	76.8752	134.3(20)	142.0489	129.5976
3739	76.8952	139.0(20)	142.2346	129.7092
3740	76.9152	140(2)	142.3797	129.8208
3741	76.9354	137.6(20)	142.4878	129.9335
3742	76.9552	138.7(20)	142.5647	130.0440
3743	76.9753	138.4(20)	142.6253	130.1561
3744	76.9952	139.7(20)	142.6610	130.2672
3745	77.0154	139.5(20)	142.6859	130.3799
3746	77.0353	133.6(19)	142.7067	130.4909
3747	77.0552	136.8(20)	142.7242	130.6019
3748	77.0751	138.8(20)	142.7356	130.7130
3749	77.0951	142(2)	142.7460	130.8246
3750	77.1152	137.6(20)	142.7535	130.9367
3751	77.1353	137.4(20)	142.7581	131.0489
3752	77.1554	143(2)	142.7785	131.1610
3753	77.1754	139.4(20)	142.8025	131.2726
3754	77.1954	144(2)	142.8268	131.3842
3755	77.2154	139.6(20)	142.8582	131.4958
3756	77.2354	140.2(20)	142.8866	131.6073
3757	77.2553	136.2(20)	142.9234	131.7184
3758	77.2752	137.3(20)	142.9469	131.8294
3759	77.2951	137.7(20)	142.9639	131.9404
3760	77.3152	136.1(20)	142.9765	132.0526
3761	77.3352	143(2)	142.9932	132.1642
3762	77.3552	140(2)	143.0036	132.2757
3763	77.3754	142(2)	143.0172	132.3885
3764	77.3952	141.4(20)	143.0358	132.4989
3765	77.4153	145(2)	143.0672	132.6111
3766	77.4353	138.3(20)	143.1156	132.7227
3767	77.4552	142(2)	143.1794	132.8337
3768	77.4752	138.2(20)	143.2713	132.9453
3769	77.4952	140.0(20)	143.3947	133.0569
3770	77.5152	141.5(20)	143.5556	133.1685

3771	77.5352	141(2)	143.7561	133.2800
3772	77.5553	142(2)	143.9992	133.3922
3773	77.5754	141(2)	144.2816	133.5044
3774	77.5954	144(2)	144.6062	133.6160
3775	77.6155	144(2)	144.9612	133.7281
3776	77.6353	144(2)	145.3439	133.8386
3777	77.6554	143(2)	145.7586	133.9507
3778	77.6751	147(2)	146.1766	134.0606
3779	77.6952	147(2)	146.6128	134.1728
3780	77.7152	150(2)	147.0411	134.2843
3781	77.7352	143(2)	147.4568	134.3960
3782	77.7551	147(2)	147.8497	134.5070
3783	77.7752	148(2)	148.2195	134.6191
3784	77.7953	147(2)	148.5634	134.7313
3785	77.8152	146(2)	148.8764	134.8423
3786	77.8353	144(2)	149.1651	134.9545
3787	77.8551	148(2)	149.4375	135.0649
3788	77.8750	147(2)	149.7053	135.1760
3789	77.8951	147(2)	149.9749	135.2881
3790	77.9150	145(2)	150.2458	135.3992
3791	77.9351	144(2)	150.5281	135.5113
3792	77.9550	147(2)	150.8214	135.6223
3793	77.9751	147(2)	151.1265	135.7345
3794	77.9952	144(2)	151.4337	135.8387
3795	78.0151	143(2)	151.5965	135.7941
3796	78.0351	147(2)	151.7599	135.7492
3797	78.0552	145(2)	151.9221	135.7041
3798	78.0752	150(2)	152.0742	135.6592
3799	78.0952	146(2)	152.1938	135.6143
3800	78.1151	147(2)	152.2905	135.5696
3801	78.1351	147(2)	152.3447	135.5247
3802	78.1550	151(2)	152.3632	135.4801
3803	78.1749	150(2)	152.3384	135.4354
3804	78.1949	150(2)	152.2645	135.3905
3805	78.2150	150(2)	152.1376	135.3454
3806	78.2350	152(2)	151.9548	135.3005
3807	78.2550	151(2)	151.7132	135.2556
3808	78.2750	153(2)	151.4180	135.2107
3809	78.2950	148(2)	151.0604	135.1658
3810	78.3150	149(2)	150.6536	135.1209
3811	78.3350	147(2)	150.2103	135.0760
3812	78.3549	147(2)	149.7512	135.0314
3813	78.3750	146(2)	149.2849	134.9862
3814	78.3950	145(2)	148.8425	134.9413
3815	78.4152	144(2)	148.4236	134.8960
3816	78.4352	149(2)	148.0560	134.8511
3817	78.4554	146(2)	147.7409	134.8058
3818	78.4754	146(2)	147.4903	134.7609
3819	78.4954	148(2)	147.3098	134.7160
3820	78.5154	147(2)	147.2036	134.6711
3821	78.5353	144(2)	147.1759	134.6264
3822	78.5553	144(2)	147.2312	134.5815
3823	78.5751	152(2)	147.3734	134.5371
3824	78.5951	151(2)	147.6166	134.4922

3825	78.6152	150(2)	147.9510	134.4471
3826	78.6352	153(2)	148.3837	134.4022
3827	78.6551	153(2)	148.8969	134.3575
3828	78.6751	153(2)	149.4876	134.3126
3829	78.6952	150(2)	150.1404	134.2675
3830	78.7150	157(2)	150.8152	134.2231
3831	78.7350	153(2)	151.5011	134.1782
3832	78.7549	155(2)	152.1505	134.1335
3833	78.7749	151(2)	152.7360	134.0886
3834	78.7950	152(2)	153.2220	134.0435
3835	78.8151	157(2)	153.5705	133.9984
3836	78.8351	158(2)	153.7600	133.9535
3837	78.8551	155(2)	153.7778	133.9086
3838	78.8752	156(2)	153.6105	133.8635
3839	78.8954	152(2)	153.2807	133.8181
3840	78.9152	150(2)	152.8181	133.7737
3841	78.9354	148(2)	152.2346	133.7284
3842	78.9553	152(2)	151.5857	133.6837
3843	78.9754	151(2)	150.8958	133.6386
3844	78.9955	146(2)	150.2114	133.5934
3845	79.0155	149(2)	149.5715	133.5486
3846	79.0355	148(2)	148.9984	133.5037
3847	79.0554	150(2)	148.5155	133.4590
3848	79.0752	150(2)	148.1335	133.4146
3849	79.0952	148(2)	147.8387	133.3697
3850	79.1152	146(2)	147.6392	133.3248
3851	79.1354	149(2)	147.5126	133.2794
3852	79.1552	151(2)	147.4406	133.2350
3853	79.1753	150(2)	147.4036	133.1899
3854	79.1953	148(2)	147.3767	133.1450
3855	79.2153	147(2)	147.3464	133.1001
3856	79.2352	146(2)	147.2926	133.0554
3857	79.2551	144(2)	147.2093	133.0108
3858	79.2749	145(2)	147.0943	132.9663
3859	79.2950	148(2)	146.9578	132.9212
3860	79.3151	145(2)	146.8040	132.8761
3861	79.3351	140(2)	146.6463	132.8312
3862	79.3551	144(2)	146.5036	132.7863
3863	79.3752	146(2)	146.3871	132.7412
3864	79.3952	146(2)	146.3063	132.6963
3865	79.4153	147(2)	146.2660	132.6512
3866	79.4353	147(2)	146.2718	132.6063
3867	79.4552	142(2)	146.3172	132.5616
3868	79.4753	147(2)	146.3982	132.5165
3869	79.4952	147(2)	146.5023	132.4718
3870	79.5152	144(2)	146.6189	132.4269
3871	79.5352	146(2)	146.7323	132.3820
3872	79.5552	144(2)	146.8406	132.3371
3873	79.5754	148(2)	146.9316	132.2918
3874	79.5952	145(2)	146.9968	132.2473
3875	79.6153	146(2)	147.0426	132.2022
3876	79.6352	145(2)	147.0587	132.1576
3877	79.6552	145(2)	147.0500	132.1127
3878	79.6751	140(2)	147.0186	132.0680

3879	79.6952	143(2)	146.9656	132.0229
3880	79.7152	145(2)	146.8959	131.9780
3881	79.7352	144(2)	146.8060	131.9331
3882	79.7552	144(2)	146.7100	131.8882
3883	79.7752	146(2)	146.6001	131.8433
3884	79.7952	143(2)	146.4851	131.7984
3885	79.8154	145(2)	146.3656	131.7531
3886	79.8352	146(2)	146.2486	131.7086
3887	79.8552	145(2)	146.1339	131.6660
3888	79.8750	143(2)	146.0651	131.6660
3889	79.8951	140.8(20)	146.0008	131.6660
3890	79.9151	144(2)	145.9400	131.6660
3891	79.9352	144(2)	145.8841	131.6660
3892	79.9552	144(2)	145.8303	131.6660
3893	79.9751	138.3(20)	145.7730	131.6660
3894	79.9952	141(2)	131.6660	131.6660

\_pd\_proc\_number\_of\_points 3875

loop\_

\_refln\_index\_h  
 \_refln\_index\_k  
 \_refln\_index\_l  
 \_refln\_mult  
 \_pd\_refln\_phase\_id  
 \_refln\_observed\_status  
 \_refln\_F\_squared\_meas  
 \_refln\_F\_squared\_calc  
 \_refln\_phase\_calc  
 \_refln\_d\_spacing

0	2	0	2	1	o	2348.3757	2209.7087	0.07	13.48598
1	1	0	4	1	o	52006.3398	52815.5352	0.18	11.93348
1	3	0	4	1	o	4770.8511	4744.7764	180.18	7.44966
0	4	0	2	1	o	1.6177	1.9427	358.88	6.74299
2	0	0	2	1	o	12742.7109	13156.0947	180.47	6.65338
2	2	0	4	1	o	599.6558	601.2006	0.19	5.96674
0	1	1	4	1	o	1094.9846	1051.0624	0.16	5.16882
1	5	0	4	1	o	6273.5503	6065.4482	0.23	4.99923
1	1	1	8	1	o	663.2208	533.6536	180.06	4.81810
2	4	0	4	1	o	205.0009	121.3739	180.03	4.73601
1	2	1	8	1	o	4.4000	3.2898	1.69	4.60282
0	3	1	4	1	o	2923.8535	2824.3511	0.32	4.54421
0	6	0	2	1	o	52499.5977	49216.4375	0.26	4.49533
3	1	0	4	1	o	400.3682	367.4185	181.38	4.37680
1	3	1	8	1	o	23899.1289	23013.1270	0.28	4.30037
2	1	1	8	1	o	3214.0959	3060.1113	0.09	4.08181
3	3	0	4	1	o	3102.3936	3156.0203	179.94	3.97783
1	4	1	8	1	o	1940.3964	1968.7572	0.12	3.96226
2	2	1	8	1	o	308.6952	287.0089	0.46	3.94842
0	5	1	4	1	o	194.0177	190.8042	179.76	3.76835
2	3	1	8	1	o	13931.9932	13317.3125	180.20	3.75250
2	6	0	4	1	o	27212.8887	26592.3398	180.26	3.72483
1	7	0	4	1	o	1972.3135	1883.2039	0.15	3.70110
1	5	1	8	1	o	329.7890	274.9260	359.95	3.62577
2	4	1	8	1	o	9116.9990	8499.4141	0.25	3.52150

3 5 0 4 1 o	2665.6079	2440.2922	180.59	3.42610
0 8 0 2 1 o	1242.4463	1234.8535	0.05	3.37149
3 1 1 8 1 o	21.1639	20.5424	359.87	3.36608
4 0 0 2 1 o	117030.4219	115271.4609	0.22	3.32669
1 6 1 8 1 o	1923.4963	1886.8973	0.09	3.31155
3 2 1 8 1 o	739.6625	714.4135	359.88	3.29010
2 5 1 8 1 o	1897.1476	1809.5671	179.97	3.27895
4 2 0 4 1 o	3026.6707	3014.7026	359.95	3.22987
3 3 1 8 1 o	37314.0742	35869.2383	180.18	3.17414
0 7 1 4 1 o	2256.5107	2259.7375	180.17	3.10969
2 6 1 8 1 o	5312.9263	5088.7749	180.16	3.04106
3 4 1 8 1 o	2808.0840	2655.9316	180.32	3.03063
1 7 1 8 1 o	325.6986	304.1917	180.12	3.02811
2 8 0 4 1 o	973.2781	885.8672	0.00	3.00741
4 4 0 4 1 o	89.0882	81.2412	181.25	2.98337
1 9 0 4 1 o	1265.8867	1275.7288	0.14	2.92365
3 7 0 4 1 o	752.1832	686.2881	359.52	2.90886
3 5 1 8 1 o	306.0102	263.9456	0.40	2.87186
2 7 1 8 1 o	3882.0559	3596.3076	180.19	2.81718
4 1 1 8 1 o	31.9521	30.6151	179.33	2.79738
1 8 1 8 1 o	2003.8467	2114.4714	180.32	2.77695
4 2 1 8 1 o	804.8394	773.3992	180.49	2.75331
3 6 1 8 1 o	2313.6929	2074.1099	0.19	2.70797
0 10 0 2 1 o	167.2203	148.6965	179.68	2.69720
4 3 1 8 1 o	4253.8252	3832.8235	0.14	2.68427
4 6 0 4 1 o	15218.4189	13493.1025	0.24	2.67409
5 1 0 4 1 o	10087.0615	9334.9053	0.73	2.64849
0 0 2 2 1 o	9238.2891	9010.3896	0.36	2.63321
2 8 1 8 1 o	32701.6641	32567.4375	0.20	2.61159
0 9 1 4 1 o	1644.4351	1648.0344	0.45	2.60468
4 4 1 8 1 o	344.7222	339.8655	181.59	2.59580
0 2 2 4 1 o	2592.5017	2581.0405	180.15	2.58441
1 0 2 4 1 o	50851.3555	50592.2891	180.33	2.58312
1 1 2 8 1 o	1346.8303	1335.1470	359.91	2.57136
1 9 1 8 1 o	56005.9844	55486.0195	0.35	2.55617
5 3 0 4 1 o	282.4173	277.1815	181.58	2.55190
3 7 1 8 1 o	1104.9855	1082.5034	179.94	2.54627
1 2 2 8 1 o	8.4597	8.2543	180.76	2.53700
2 10 0 4 1 o	1531.7386	1412.2705	0.16	2.49961
4 5 1 8 1 o	2159.9319	2053.6753	0.05	2.49393
3 9 0 4 1 o	1810.7362	1782.9943	180.00	2.48322
1 3 2 8 1 o	350.8304	347.1875	179.97	2.48268
0 4 2 4 1 o	3563.3445	3686.7217	0.07	2.45282
2 0 2 4 1 o	16859.8477	17273.4062	180.54	2.44843
2 1 2 8 1 o	16741.6777	16872.2363	180.24	2.43840
2 9 1 8 1 o	12030.7773	12043.9863	180.50	2.42545
1 4 2 8 1 o	59.2519	58.5131	359.90	2.41218
1 11 0 4 1 o	1918.7749	1887.8301	359.99	2.41140
2 2 2 8 1 o	1172.7275	1147.7112	179.98	2.40905
3 8 1 8 1 o	12750.4951	12230.5166	180.38	2.39144
5 5 0 4 1 o	6794.5410	6561.5903	0.54	2.38670
4 6 1 8 1 o	86.3723	83.9754	1.70	2.38433
4 8 0 4 1 o	6120.8774	6208.9312	0.08	2.36801
5 1 1 8 1 o	4165.6948	4100.5454	0.10	2.36613



1 10 1 8 1 o	74.2651	76.4315	359.95	2.36253
2 3 2 8 1 o	1873.4485	1937.7458	0.16	2.36240
5 2 1 8 1 o	90.6646	84.7955	0.95	2.33928
1 5 2 8 1 o	575.9095	494.9241	0.23	2.32979
2 4 2 8 1 o	126.3562	123.1217	0.51	2.30141
5 3 1 8 1 o	2890.1362	2806.8921	0.19	2.29649
0 6 2 4 1 o	3954.9058	3901.7539	179.69	2.27210
4 7 1 8 1 o	8932.9932	8784.0342	180.16	2.27173
3 0 2 4 1 o	1158.2725	1127.6362	178.84	2.26427
2 10 1 8 1 o	13291.1836	12753.4775	0.28	2.25817
3 1 2 8 1 o	17419.5020	16882.0898	180.34	2.25634
0 12 0 2 1 o	8133.0083	7865.5181	359.65	2.24766
3 9 1 8 1 o	9551.2656	9309.8525	359.57	2.24606
5 4 1 8 1 o	1286.9722	1281.0999	0.42	2.24035
1 6 2 8 1 o	3273.0024	3248.2358	359.52	2.23969
3 2 2 8 1 o	3701.3418	3756.1467	180.09	2.23302
2 5 2 8 1 o	3121.4980	3242.0430	180.35	2.22952
0 11 1 4 1 o	2250.0217	2359.5310	0.18	2.22287
6 0 0 2 1 o	16440.6250	17001.4570	179.87	2.21779
3 3 2 8 1 o	8972.0146	9309.9424	0.22	2.19571
1 11 1 8 1 o	47.0026	49.1857	180.33	2.19249
5 7 0 4 1 o	0.2443	0.2539	35.30	2.18979
6 2 0 4 1 o	60.2682	62.2394	1.55	2.18840
5 5 1 8 1 o	1406.0535	1423.7994	180.34	2.17388
4 8 1 8 1 o	1209.5597	1224.3246	181.22	2.15973
2 6 2 8 1 o	57.6250	61.1201	357.00	2.15018
3 4 2 8 1 o	642.7621	673.6881	180.19	2.14649
3 11 0 4 1 o	341.8436	363.9086	0.52	2.14593
1 7 2 8 1 o	3102.1440	3338.8984	0.12	2.14559
2 12 0 4 1 o	5975.8418	5999.6895	179.73	2.12943
3 10 1 8 1 o	10005.2812	10567.0527	180.31	2.11127
2 11 1 8 1 o	533.6566	572.2668	0.21	2.10832
6 4 0 4 1 o	1511.0327	1610.4875	179.76	2.10677
5 6 1 8 1 o	236.9014	253.3075	359.81	2.10014
4 10 0 4 1 o	249.8553	272.4079	179.99	2.09510
3 5 2 8 1 o	5808.9536	6127.3369	180.32	2.08781
0 8 2 4 1 o	37.6118	37.0457	180.16	2.07526
2 7 2 8 1 o	4646.1489	4467.2139	180.18	2.06651
4 0 2 4 1 o	19723.4902	19683.4727	180.05	2.06469
4 1 2 8 1 o	3530.6960	3535.5127	0.68	2.05866
4 9 1 8 1 o	14707.1807	14820.1104	180.10	2.05085
1 8 2 8 1 o	989.1702	993.8831	0.02	2.05048
1 13 0 4 1 o	5890.4644	5939.2075	180.19	2.05000
1 12 1 8 1 o	1256.0963	1298.2729	0.20	2.04275
4 2 2 8 1 o	155.3115	160.6757	180.57	2.04091
6 1 1 8 1 o	4756.3569	4943.6841	0.09	2.03810
3 6 2 8 1 o	229.2822	241.7318	178.70	2.02223
5 7 1 8 1 o	57.7657	61.2566	181.02	2.02197
6 2 1 8 1 o	7280.6968	7782.0581	0.23	2.02087
4 3 2 8 1 o	2007.7109	2206.6658	180.27	2.01230
6 3 1 8 1 o	41.8049	49.0738	180.23	1.99309
5 9 0 4 1 o	1603.1273	1970.5312	0.13	1.98996
6 6 0 4 1 o	4559.9302	5519.3970	0.14	1.98891
3 11 1 8 1 o	1068.3210	1308.4373	0.20	1.98729

2 8 2 8 1 o	124.7890	148.5365	0.18	1.98113
4 4 2 8 1 o	21.2792	24.1872	180.86	1.97421
2 12 1 8 1 o	1258.0488	1422.2012	180.26	1.97416
1 9 2 8 1 o	610.2365	679.1813	180.17	1.95661
6 4 1 8 1 o	4024.5959	4491.8892	0.48	1.95606
3 7 2 8 1 o	0.2018	0.2262	192.72	1.95216
4 10 1 8 1 o	2576.3784	2905.5100	180.81	1.94671
5 8 1 8 1 o	3259.9075	3683.8423	180.00	1.94178
0 13 1 4 1 o	382.7029	439.8538	180.00	1.93037
4 5 2 8 1 o	4822.3770	5441.2861	0.42	1.92827
0 14 0 2 1 o	5838.2529	6695.7847	0.12	1.92657
6 5 1 8 1 o	992.5876	1072.2175	179.80	1.91134
1 13 1 8 1 o	479.4598	515.7202	180.07	1.91037
7 1 0 4 1 o	7497.6855	7827.1323	180.41	1.89626
2 9 2 8 1 o	32.5136	33.5426	0.03	1.89609
0 10 2 4 1 o	75.7691	80.2936	359.87	1.88418
3 8 2 8 1 o	1496.0503	1580.3304	180.03	1.87970
3 13 0 4 1 o	9640.4277	10214.8516	0.30	1.87933
4 6 2 8 1 o	1549.0234	1625.1945	179.85	1.87625
3 12 1 8 1 o	1278.8734	1347.7004	0.30	1.87375
5 0 2 4 1 o	16313.4150	16941.5254	180.16	1.87183
5 1 2 8 1 o	11.4953	11.8600	175.63	1.86734
1 10 2 8 1 o	413.4982	433.9230	0.10	1.86557
4 12 0 4 1 o	75.6355	78.8319	358.10	1.86241
5 9 1 8 1 o	6928.6196	7151.5039	0.23	1.86150
6 6 1 8 1 o	3105.0635	3179.7158	180.46	1.86065
7 3 0 4 1 o	1292.6699	1324.8567	0.68	1.85985
5 2 2 8 1 o	927.8032	920.8445	0.29	1.85406
2 13 1 8 1 o	12.2128	12.4254	359.93	1.85391
6 8 0 4 1 o	419.8342	421.0803	180.24	1.85286
2 14 0 4 1 o	565.9880	562.8026	180.13	1.85055
4 11 1 8 1 o	1448.4890	1404.3616	0.11	1.84824
5 3 2 8 1 o	438.1660	389.9415	180.61	1.83254
4 7 2 8 1 o	119.9455	108.6814	1.29	1.81988
2 10 2 8 1 o	1796.6040	1797.1002	180.18	1.81288
3 9 2 8 1 o	516.7762	537.8228	359.97	1.80660
6 7 1 8 1 o	65.1202	66.0939	180.31	1.80563
5 4 2 8 1 o	2400.1230	2412.6118	0.26	1.80363
5 11 0 4 1 o	9204.1729	9602.2969	180.20	1.80330
7 5 0 4 1 o	4181.9727	4176.2217	180.46	1.79290
1 14 1 8 1 o	73.9052	73.0843	179.96	1.79281
7 1 1 8 1 o	484.3498	492.4784	359.89	1.78413
5 10 1 8 1 o	82.5555	84.3003	1.61	1.78258
1 15 0 4 1 o	3189.9812	3269.0674	0.12	1.78193
1 11 2 8 1 o	678.8690	720.8766	0.02	1.77837
7 2 1 8 1 o	2211.8096	2341.7988	180.21	1.77254
3 13 1 8 1 o	1168.5699	1287.1355	0.19	1.77001
5 5 2 8 1 o	1334.3287	1423.3107	0.55	1.76839
4 8 2 8 1 o	18.7177	20.2273	0.31	1.76075
4 12 1 8 1 o	911.7327	990.1620	0.53	1.75585
7 3 1 8 1 o	93.4554	98.1209	1.12	1.75370
0 1 3 4 1 o	120.3618	131.7939	359.91	1.75177
6 8 1 8 1 o	15187.8291	15693.1025	0.41	1.74784
2 14 1 8 1 o	2226.1355	2317.1484	0.46	1.74590

1 1 3 8 1 o	27.3085	25.0982	359.63	1.73678
3 10 2 8 1 o	1428.8535	1270.9169	180.12	1.73420
2 11 2 8 1 o	210.7015	181.6810	179.71	1.73256
7 4 1 8 1 o	523.9263	459.8303	180.65	1.72832
5 6 2 8 1 o	2270.9832	1989.6428	359.96	1.72801
1 2 3 8 1 o	687.9601	553.9144	0.21	1.72608
0 3 3 4 1 o	15548.1309	12555.3848	0.41	1.72294
6 10 0 4 1 o	45.5153	42.7012	1.29	1.71305
0 12 2 4 1 o	2673.3828	2676.7112	180.42	1.70956
1 3 3 8 1 o	243.9001	247.2376	0.55	1.70868
5 11 1 8 1 o	782.3880	794.3987	180.37	1.70606
7 7 0 4 1 o	10107.4531	10299.4336	180.25	1.70478
0 15 1 4 1 o	1723.1847	1807.5924	0.46	1.70168
4 9 2 8 1 o	1069.5804	1102.6332	180.08	1.70024
7 5 1 8 1 o	998.9374	1018.0828	0.47	1.69724
6 0 2 4 1 o	39345.1562	39718.1758	180.16	1.69630
1 12 2 8 1 o	3732.6384	3874.4995	0.47	1.69562
2 1 3 8 1 o	388.6932	400.5214	180.25	1.69404
6 1 2 8 1 o	10615.8076	10732.5811	180.43	1.69296
6 9 1 8 1 o	8953.7070	9065.7041	180.23	1.68860
1 15 1 8 1 o	14109.2744	14247.1221	0.39	1.68793
0 16 0 2 1 o	694.6163	699.5801	180.52	1.68575
1 4 3 8 1 o	1205.2754	1211.0726	0.38	1.68517
2 2 3 8 1 o	1408.1312	1414.2402	180.07	1.68410
5 7 2 8 1 o	3943.6086	3986.0483	0.23	1.68368
6 2 2 8 1 o	950.6314	962.1847	0.22	1.68304
3 14 1 8 1 o	175.4393	179.0182	181.28	1.67529
4 13 1 8 1 o	2276.3557	2362.5234	180.15	1.66963
0 5 3 4 1 o	674.8275	704.0162	180.18	1.66931
2 3 3 8 1 o	13141.6123	13766.5859	180.31	1.66792
4 14 0 4 1 o	5283.7134	5524.1777	0.23	1.66717
6 3 2 8 1 o	2019.8135	2083.9451	0.41	1.66689
3 15 0 4 1 o	3175.0688	3324.1829	180.29	1.66641
3 11 2 8 1 o	132.8613	139.1420	179.73	1.66349
8 0 0 2 1 o	132.6466	138.0473	181.95	1.66335
7 6 1 8 1 o	2661.0176	2768.6423	0.31	1.66144
1 5 3 8 1 o	64.7240	67.5382	180.49	1.65633
2 12 2 8 1 o	9628.4824	10055.0449	0.28	1.65577
8 2 0 4 1 o	150.3129	157.9683	359.43	1.65084
2 15 1 8 1 o	4911.1304	5225.0522	180.33	1.64861
2 4 3 8 1 o	2042.0785	2197.2969	0.16	1.64604
6 4 2 8 1 o	187.7232	197.3457	0.75	1.64505
4 10 2 8 1 o	1618.4147	1737.1663	180.18	1.63948
5 8 2 8 1 o	98.0576	103.9422	359.91	1.63653
5 13 0 4 1 o	4341.1265	4694.2524	180.50	1.63628
2 16 0 4 1 o	2954.0752	3183.9670	180.30	1.63411
5 12 1 8 1 o	573.7341	610.2918	0.04	1.63259
3 1 3 8 1 o	176.9263	186.5361	0.18	1.62931
6 10 1 8 1 o	10187.4053	10578.4014	0.47	1.62904
1 6 3 8 1 o	2060.2104	2054.8804	180.20	1.62300
7 7 1 8 1 o	205.6445	202.9403	0.66	1.62192
3 2 3 8 1 o	0.1471	0.1437	330.18	1.62046
2 5 3 8 1 o	73.7386	71.2654	0.06	1.61912
6 5 2 8 1 o	6837.4819	6595.8599	180.38	1.61818

1 13 2 8 1 o	1520.7554	1450.9958	180.21	1.61759
8 4 0 4 1 o	743.6578	699.3777	180.69	1.61494
3 3 3 8 1 o	71.4061	62.5406	180.76	1.60603
7 9 0 4 1 o	111.6186	99.7937	179.78	1.60526
0 7 3 4 1 o	5697.4761	5261.6313	0.19	1.59749
3 12 2 8 1 o	5055.8379	4777.7153	180.33	1.59518
1 16 1 8 1 o	1442.5148	1377.5721	0.15	1.59394
4 14 1 8 1 o	7982.5479	7841.4824	180.42	1.58943
3 15 1 8 1 o	5959.4507	5879.2935	180.41	1.58877
2 6 3 8 1 o	1570.2150	1562.3938	180.21	1.58796
5 9 2 8 1 o	377.1449	369.9506	180.23	1.58760
6 6 2 8 1 o	870.4413	850.6071	0.06	1.58707
3 4 3 8 1 o	1890.9811	1887.7393	180.59	1.58647
1 7 3 8 1 o	473.4998	473.8095	180.33	1.58610
8 1 1 8 1 o	923.9959	908.9937	179.96	1.58338
2 13 2 8 1 o	504.1920	504.3354	0.65	1.58289
7 8 1 8 1 o	25782.4160	25464.4160	180.30	1.57965
4 11 2 8 1 o	597.8630	592.0505	180.44	1.57935
6 12 0 4 1 o	14219.5107	14087.5928	180.13	1.57867
1 17 0 4 1 o	38799.5781	38202.9648	180.24	1.57543
8 2 1 8 1 o	524.1681	514.9746	359.56	1.57526
6 11 1 8 1 o	977.5740	956.1118	179.83	1.57001
5 13 1 8 1 o	533.2609	523.9734	180.51	1.56260
3 5 3 8 1 o	841.0783	827.1705	0.19	1.56233
8 3 1 8 1 o	103.7960	101.9816	181.14	1.56199
2 16 1 8 1 o	1986.9342	1962.9076	0.28	1.56071
8 6 0 4 1 o	2400.8064	2367.9846	180.47	1.55998
0 14 2 4 1 o	44.0141	43.8528	180.04	1.55485
2 7 3 8 1 o	422.1375	418.4857	0.41	1.55335
6 7 2 8 1 o	8111.9526	7979.0225	180.24	1.55251
4 1 3 8 1 o	603.9038	592.4031	0.08	1.55000
1 8 3 8 1 o	28453.9746	27764.3750	0.26	1.54650
1 14 2 8 1 o	0.9524	0.9374	180.64	1.54434
8 4 1 8 1 o	3446.9438	3386.2861	180.37	1.54397
4 2 3 8 1 o	19.2934	19.0649	359.93	1.54238
7 0 2 4 1 o	33.5231	32.8664	183.36	1.54130
7 1 2 8 1 o	20847.5254	20402.3398	180.34	1.53878
5 10 2 8 1 o	3969.0459	3911.3032	0.13	1.53779
7 9 1 8 1 o	2239.6008	2192.0996	0.53	1.53551
3 6 3 8 1 o	2.6357	2.5842	175.76	1.53427
7 2 2 8 1 o	2584.7717	2490.6719	180.27	1.53133
4 3 3 8 1 o	12251.0771	11686.9883	0.25	1.52992
3 13 2 8 1 o	143.7850	136.5989	1.28	1.52970
8 5 1 8 1 o	1216.1311	1148.5256	359.97	1.52170
4 12 2 8 1 o	641.6324	600.8122	180.36	1.52053
7 3 2 8 1 o	7479.7925	7107.6416	0.36	1.51913
0 17 1 4 1 o	143.6186	133.9710	0.07	1.51914
2 8 3 8 1 o	160.6120	150.4779	0.41	1.51609
6 8 2 8 1 o	19.5797	18.6307	180.42	1.51532
4 15 1 8 1 o	112.3544	106.3333	0.63	1.51498
0 9 3 4 1 o	108288.1953	102297.3281	0.35	1.51474
2 14 2 8 1 o	199.2921	189.3825	180.50	1.51405
4 4 3 8 1 o	309.6274	296.3758	180.43	1.51298
6 12 1 8 1 o	1192.3981	1145.5356	180.70	1.51219

3 16 1 8 1 o	39.0486	38.0181	181.16	1.50965
1 17 1 8 1 o	143.4772	139.9043	0.14	1.50934
1 9 3 8 1 o	4452.2100	4302.5918	0.31	1.50502
4 16 0 4 1 o	245.8189	236.0334	180.44	1.50371
3 7 3 8 1 o	482.9224	461.4154	179.91	1.50299
7 4 2 8 1 o	3411.5283	3296.6504	180.30	1.50254
7 11 0 4 1 o	470.2699	450.9650	0.67	1.50235
0 18 0 2 1 o	86389.7109	83132.7422	180.38	1.49844
5 14 1 8 1 o	854.7303	834.5275	0.48	1.49627
8 6 1 8 1 o	5995.7554	5856.2100	0.42	1.49574
3 17 0 4 1 o	83.3589	82.8311	178.14	1.49389
4 5 3 8 1 o	1539.3217	1530.0983	180.35	1.49200
8 8 0 4 1 o	108.6017	107.6851	179.80	1.49168
7 10 1 8 1 o	6138.0742	6073.6406	180.40	1.49031
5 15 0 4 1 o	904.0856	904.3732	0.64	1.48993
5 11 2 8 1 o	2755.5051	2709.4155	180.21	1.48785
7 5 2 8 1 o	3883.0225	3742.2568	180.40	1.48199
2 17 1 8 1 o	622.6408	589.9003	180.21	1.48103
2 9 3 8 1 o	1028.8740	967.0993	358.75	1.47694
9 1 0 4 1 o	6719.7866	6398.6465	0.51	1.47631
6 9 2 8 1 o	1.1722	1.1178	179.98	1.47623
1 15 2 8 1 o	2007.8473	1891.7716	0.19	1.47578
3 8 3 8 1 o	23.8022	22.6508	183.99	1.46916
4 6 3 8 1 o	100.3990	96.3236	179.24	1.46751
3 14 2 8 1 o	660.4558	632.1462	179.95	1.46731
8 7 1 8 1 o	5839.7144	5646.0210	180.24	1.46671
4 13 2 8 1 o	557.9748	544.0807	180.94	1.46350
5 1 3 8 1 o	11.6492	11.4142	179.98	1.46324
1 10 3 8 1 o	10490.2754	10281.0742	0.28	1.46238
2 18 0 4 1 o	39.3152	38.7507	172.53	1.46183
9 3 0 4 1 o	12462.6445	12475.6143	180.39	1.45893
7 6 2 8 1 o	7623.0952	7624.4102	180.21	1.45798
5 2 3 8 1 o	1572.6921	1584.9427	0.41	1.45682
6 13 1 8 1 o	1101.7639	1121.1616	0.27	1.45606
6 14 0 4 1 o	3886.2029	3976.5159	180.25	1.45443
2 15 2 8 1 o	13.8390	14.0736	181.13	1.44928
5 3 3 8 1 o	30.6613	31.2344	179.73	1.44631
4 16 1 8 1 o	540.1564	551.2761	359.50	1.44592
7 11 1 8 1 o	2624.8335	2684.5125	0.27	1.44472
4 7 3 8 1 o	2389.5146	2475.9517	0.11	1.44006
5 12 2 8 1 o	28.5311	29.5016	179.28	1.43837
3 17 1 8 1 o	44.4972	46.3489	180.21	1.43719
2 10 3 8 1 o	854.7803	894.3788	0.22	1.43659
6 10 2 8 1 o	16.2605	16.6828	180.13	1.43593
8 8 1 8 1 o	9037.4795	9260.1914	180.39	1.43522
5 15 1 8 1 o	3255.6602	3335.0583	0.21	1.43366
3 9 3 8 1 o	116.6462	119.6920	359.14	1.43346
1 18 1 8 1 o	45.0603	45.9723	180.65	1.43286
5 4 3 8 1 o	4108.7153	4162.9546	0.55	1.43197
7 7 2 8 1 o	1953.7933	1973.6730	180.28	1.43105
0 11 3 4 1 o	170.8840	169.1477	180.29	1.42737
9 5 0 4 1 o	1226.3899	1226.8641	0.47	1.42594
9 1 1 8 1 o	333.9301	334.1492	0.36	1.42152
0 16 2 4 1 o	11177.5400	11314.3496	0.22	1.41974

1 11 3 8 1 o	1185.0908	1198.2227	180.26	1.41923
8 10 0 4 1 o	2105.2598	2068.4321	0.04	1.41577
9 2 1 8 1 o	314.2383	310.2010	0.43	1.41563
5 5 3 8 1 o	801.0720	784.5158	0.02	1.41414
1 16 2 8 1 o	87.0677	82.9539	179.87	1.41172
1 19 0 4 1 o	5108.4658	4899.3657	180.29	1.41157
4 8 3 8 1 o	588.1486	569.8757	359.83	1.41023
4 14 2 8 1 o	70.1437	68.7128	0.49	1.40859
2 18 1 8 1 o	40.6617	39.6847	180.06	1.40857
3 15 2 8 1 o	100.9944	99.1068	359.36	1.40813
8 0 2 4 1 o	33540.0586	33598.2383	180.31	1.40628
9 3 1 8 1 o	46.0745	46.3321	356.98	1.40598
8 1 2 8 1 o	4987.3589	5026.8267	0.44	1.40437
6 14 1 8 1 o	3695.8508	3881.4917	0.55	1.40195
8 9 1 8 1 o	26634.5723	27552.5059	180.29	1.40188
7 8 2 8 1 o	2297.3579	2349.3718	180.06	1.40176
7 13 0 4 1 o	8693.7871	9174.5693	0.32	1.40161
7 12 1 8 1 o	2582.2852	2691.9319	0.36	1.39929
8 2 2 8 1 o	378.5296	381.6060	180.32	1.39869
3 10 3 8 1 o	1823.8424	1882.4220	180.71	1.39647
2 11 3 8 1 o	820.6907	833.9593	0.04	1.39562
6 11 2 8 1 o	1634.3824	1624.3264	0.34	1.39502
5 6 3 8 1 o	2436.9958	2370.7793	180.46	1.39324
9 4 1 8 1 o	1261.3848	1225.5703	180.03	1.39280
5 13 2 8 1 o	0.1088	0.1015	301.44	1.38981
8 3 2 8 1 o	1451.9231	1395.6061	180.62	1.38938
2 16 2 8 1 o	525.3123	476.5745	0.42	1.38848
4 17 1 8 1 o	1286.5364	1246.1427	0.08	1.38188
9 7 0 4 1 o	1606.2386	1585.5321	179.81	1.38039
4 9 3 8 1 o	7161.0376	7226.3521	0.62	1.37856
8 4 2 8 1 o	590.5118	596.2910	180.33	1.37666
9 5 1 8 1 o	1471.3024	1495.6680	180.34	1.37638
1 12 3 8 1 o	1156.5765	1198.8591	180.31	1.37609
5 16 1 8 1 o	341.3900	354.8051	0.53	1.37472
6 1 3 8 1 o	1983.1938	2028.8600	180.22	1.37467
3 18 1 8 1 o	550.8817	587.9760	180.27	1.37070
7 9 2 8 1 o	117.7184	122.8261	359.95	1.37065
0 19 1 4 1 o	27.6641	29.5551	359.64	1.37065
5 7 3 8 1 o	1004.9021	1060.4384	180.16	1.36968
6 2 3 8 1 o	72.9651	76.0599	0.24	1.36934
8 10 1 8 1 o	7927.3188	8392.5674	180.40	1.36723
4 18 0 4 1 o	6150.8608	6637.2061	180.61	1.36624
1 19 1 8 1 o	838.1635	885.7532	0.15	1.36344
5 17 0 4 1 o	14694.7354	15403.5703	180.57	1.36279
8 5 2 8 1 o	1069.7509	1081.7620	0.53	1.36080
6 3 3 8 1 o	5.3977	5.4603	2.00	1.36060
3 11 3 8 1 o	621.2584	617.1478	179.94	1.35875
9 6 1 8 1 o	216.5274	214.0701	180.73	1.35708
4 15 2 8 1 o	79.3990	77.3020	179.15	1.35598
2 12 3 8 1 o	137.2419	131.8331	180.52	1.35454
7 13 1 8 1 o	1450.0228	1409.1937	0.43	1.35446
6 12 2 8 1 o	1.8773	1.8296	1.14	1.35398
3 16 2 8 1 o	17.0085	16.4551	0.34	1.35216
3 19 0 4 1 o	10905.5264	10554.7256	0.41	1.35202

1 17 2 8 1 o	268.8695	259.7606	0.60	1.35194
6 15 1 8 1 o	135.0895	132.0327	180.14	1.35006
6 4 3 8 1 o	53.2490	52.2440	0.92	1.34864
0 20 0 2 1 o	205.1591	202.0444	0.56	1.34860
4 10 3 8 1 o	365.7203	364.4288	180.43	1.34557
5 8 3 8 1 o	13933.3564	13783.7148	0.57	1.34394
5 14 2 8 1 o	465.3029	460.5884	180.47	1.34252
2 19 1 8 1 o	406.7054	405.6558	180.22	1.34246
8 6 2 8 1 o	3909.3723	3807.2900	180.32	1.34214
6 16 0 4 1 o	14031.6348	13947.7881	180.25	1.34206
0 13 3 4 1 o	48.4276	47.6541	0.38	1.34014
7 10 2 8 1 o	871.4211	833.2153	180.23	1.33821
8 12 0 4 1 o	4267.7144	4043.0952	0.32	1.33705
9 7 1 8 1 o	197.3591	184.7402	359.76	1.33528
6 5 3 8 1 o	1877.3271	1742.6035	0.33	1.33372
1 13 3 8 1 o	14.3382	13.1326	359.27	1.33339
8 11 1 8 1 o	426.9975	390.5154	360.00	1.33177
2 17 2 8 1 o	7412.5664	6739.0820	0.33	1.33148
10 0 0 2 1 o	27105.9414	24688.9785	0.56	1.33068
9 9 0 4 1 o	63.7000	56.1825	179.99	1.32594
10 2 0 4 1 o	239.8124	211.6272	179.84	1.32425
4 18 1 8 1 o	56.2589	48.3270	0.10	1.32246
2 20 0 4 1 o	289.8200	249.3111	179.93	1.32172
8 7 2 8 1 o	438.7375	394.1595	0.68	1.32104
3 12 3 8 1 o	29.0662	25.0169	179.32	1.32075
5 17 1 8 1 o	767.7874	680.3060	0.15	1.31933
0 0 4 2 1 o	799.6418	746.6073	0.12	1.31661
5 9 3 8 1 o	618.6441	575.8470	0.27	1.31644
6 6 3 8 1 o	443.7117	414.0852	180.59	1.31614
2 13 3 8 1 o	231.2343	226.2053	0.16	1.31375
6 13 2 8 1 o	1955.3761	1882.5431	0.54	1.31325
4 11 3 8 1 o	3268.0410	3202.0730	180.26	1.31173
9 8 1 8 1 o	222.8342	215.7253	180.43	1.31140
7 14 1 8 1 o	1893.5896	1854.5197	180.45	1.31058
0 2 4 4 1 o	5486.3936	5441.9116	180.19	1.31038
1 0 4 4 1 o	63473.3086	62969.9258	180.35	1.31021
3 19 1 8 1 o	12.1570	12.0004	0.25	1.30956
1 1 4 8 1 o	832.2610	826.2134	0.34	1.30867
7 15 0 4 1 o	7789.2314	7637.7671	180.38	1.30631
4 16 2 8 1 o	3009.8804	2944.0066	0.35	1.30579
10 4 0 4 1 o	86.7484	84.1061	179.42	1.30550
7 11 2 8 1 o	50.8578	49.1672	179.20	1.30491
1 2 4 8 1 o	12.3996	12.0428	0.77	1.30407
0 18 2 4 1 o	20933.2383	19995.4297	180.32	1.30234
6 16 1 8 1 o	5405.3604	5109.0552	0.32	1.30050
1 20 1 8 1 o	145.4415	137.0081	0.12	1.30019
3 17 2 8 1 o	11979.3945	11247.3281	0.43	1.29935
8 8 2 8 1 o	1360.7590	1290.9978	180.01	1.29790
5 15 2 8 1 o	47.1319	44.3265	177.98	1.29674
1 3 4 8 1 o	1205.0968	1126.1656	180.27	1.29651
6 7 3 8 1 o	604.1880	572.3730	0.68	1.29623
1 18 2 8 1 o	40170.3750	37622.2734	0.36	1.29615
8 12 1 8 1 o	3608.8374	3405.3669	0.52	1.29593
0 4 4 4 1 o	731.0737	695.5694	180.32	1.29220

2	0	4	4	1	o	16186.3115	15464.6484	0.33	1.29156
1	14	3	8	1	o	378.3423	361.7212	0.77	1.29146
2	1	4	8	1	o	6220.6304	6009.4307	180.39	1.29008
9	0	2	4	1	o	15034.9727	14493.5205	0.42	1.28920
10	1	1	8	1	o	85.1638	82.4303	0.19	1.28866
7	1	3	8	1	o	1215.6990	1175.1963	0.05	1.28821
9	1	2	8	1	o	302.9851	292.9237	179.95	1.28773
5	10	3	8	1	o	10032.2002	9785.4316	0.57	1.28763
1	4	4	8	1	o	0.8545	0.8463	1.67	1.28615
9	9	1	8	1	o	33376.2500	32591.3301	180.34	1.28581
2	2	4	8	1	o	550.4361	545.4552	0.37	1.28568
10	2	1	8	1	o	6.6927	6.5122	176.77	1.28427
7	2	3	8	1	o	859.3642	833.5294	180.59	1.28382
9	2	2	8	1	o	2025.3119	1962.0897	0.26	1.28335
3	13	3	8	1	o	73.5233	71.9369	0.43	1.28286
2	20	1	8	1	o	2075.7283	2017.1676	0.04	1.28196
2	3	4	8	1	o	25.7958	24.5932	1.53	1.27844
1	21	0	4	1	o	2055.7390	1967.2218	0.25	1.27844
2	18	2	8	1	o	21372.2422	20418.3555	0.42	1.27809
4	12	3	8	1	o	206.0444	197.3167	0.70	1.27744
10	3	1	8	1	o	80.8561	77.9214	179.04	1.27705
7	3	3	8	1	o	35.5041	34.2522	0.36	1.27661
9	3	2	8	1	o	1263.1412	1219.1599	180.52	1.27615
10	6	0	4	1	o	3000.2415	2890.4861	0.68	1.27595
6	8	3	8	1	o	294.7397	284.9692	0.53	1.27434
2	14	3	8	1	o	3.9313	3.8022	178.32	1.27359
1	5	4	8	1	o	151.0307	146.3565	0.10	1.27319
6	14	2	8	1	o	184.4936	178.8935	180.75	1.27314
8	9	2	8	1	o	85.7940	83.1345	0.04	1.27308
7	12	2	8	1	o	2549.2805	2482.3132	0.26	1.27114
2	4	4	8	1	o	1126.7196	1107.1001	0.15	1.26850
7	15	1	8	1	o	114.3376	112.0545	1.14	1.26789
5	18	1	8	1	o	482.8447	473.4387	180.27	1.26733
4	19	1	8	1	o	329.6687	323.2831	180.31	1.26730
10	4	1	8	1	o	127.1258	124.1981	180.05	1.26715
7	4	3	8	1	o	3514.3037	3430.7463	180.45	1.26672
9	4	2	8	1	o	2066.6465	2017.6920	0.33	1.26627
9	11	0	4	1	o	28.0795	27.4819	358.15	1.26615
0	6	4	4	1	o	354.4995	344.7893	359.78	1.26353
3	0	4	4	1	o	3958.6157	3849.7178	0.79	1.26218
3	1	4	8	1	o	3619.4111	3537.3979	0.45	1.26080
8	13	1	8	1	o	2736.3608	2705.4602	180.24	1.26008
8	14	0	4	1	o	2374.7627	2365.2749	0.39	1.25902
9	10	1	8	1	o	723.6516	721.8184	180.01	1.25892
4	17	2	8	1	o	663.1548	667.5694	181.28	1.25805
5	11	3	8	1	o	58.6824	59.1203	359.87	1.25788
1	6	4	8	1	o	7128.1270	7193.9858	180.49	1.25787
3	2	4	8	1	o	4.3063	4.4344	182.24	1.25668
0	15	3	4	1	o	16392.6152	17054.6172	0.40	1.25612
2	5	4	8	1	o	746.1580	777.0764	180.69	1.25606
10	5	1	8	1	o	3.2091	3.2928	176.85	1.25474
7	5	3	8	1	o	776.5010	791.6448	180.07	1.25433
9	5	2	8	1	o	265.3290	270.0984	0.39	1.25389
6	17	1	8	1	o	2458.3250	2614.2107	180.15	1.25331



3 20 1 8 1 o	451.4268	483.2827	0.29	1.25321
5 16 2 8 1 o	29.3553	31.1562	180.99	1.25264
5 19 0 4 1 o	6419.3105	6893.0381	180.60	1.25253
6 9 3 8 1 o	820.3873	849.2301	0.75	1.25083
1 15 3 8 1 o	590.2401	636.9451	0.41	1.25056
3 3 4 8 1 o	80.6973	86.3980	180.12	1.24992
4 20 0 4 1 o	1751.0216	1852.8309	0.39	1.24981
3 18 2 8 1 o	4734.0986	4997.7544	180.59	1.24959
0 21 1 4 1 o	353.6251	364.0934	180.56	1.24781
8 10 2 8 1 o	165.3491	165.7492	180.65	1.24696
3 14 3 8 1 o	2047.1769	2044.0566	180.58	1.24539
1 19 2 8 1 o	782.1462	771.5920	180.34	1.24409
4 13 3 8 1 o	41.0447	40.1840	181.09	1.24306
1 21 1 8 1 o	3949.2471	3853.6450	180.46	1.24236
6 18 0 4 1 o	28.4036	27.6044	357.26	1.24161
2 6 4 8 1 o	36.9550	35.9914	1.50	1.24134
3 4 4 8 1 o	51.8749	50.3727	180.79	1.24063
1 7 4 8 1 o	508.4856	493.3584	180.22	1.24046
10 6 1 8 1 o	2077.8511	1979.0542	180.64	1.24007
7 6 3 8 1 o	1531.3729	1448.8989	0.62	1.23967
9 6 2 8 1 o	4877.7363	4594.1128	0.40	1.23925
10 8 0 4 1 o	3788.6458	3545.6260	180.18	1.23776
7 13 2 8 1 o	1485.4130	1380.9901	0.46	1.23725
2 15 3 8 1 o	6329.0972	5668.8921	180.49	1.23431
6 15 2 8 1 o	865.8038	770.0557	180.59	1.23390
3 21 0 4 1 o	747.8322	662.3768	180.35	1.23370
9 11 1 8 1 o	635.4037	544.7952	180.33	1.23108
3 5 4 8 1 o	267.2963	220.4404	0.64	1.22898
2 19 2 8 1 o	2944.7251	2420.2988	0.48	1.22809
5 12 3 8 1 o	3121.2969	2580.2744	180.49	1.22755
7 16 1 8 1 o	652.3396	534.6436	180.45	1.22657
2 21 1 8 1 o	2166.7590	1766.2792	0.39	1.22642
0 8 4 4 1 o	535.2396	434.1116	180.30	1.22641
6 10 3 8 1 o	236.4214	195.2660	0.60	1.22603
0 22 0 2 1 o	2409.8508	1961.4401	180.21	1.22600
2 7 4 8 1 o	256.9788	206.8248	180.59	1.22460
8 14 1 8 1 o	1038.4965	845.8411	180.71	1.22452
4 0 4 4 1 o	1945.5292	1565.9053	0.35	1.22422
10 7 1 8 1 o	313.3537	256.9547	180.28	1.22338
7 7 3 8 1 o	1065.5842	879.1882	0.09	1.22299
4 1 4 8 1 o	733.2562	587.4675	1.56	1.22296
9 7 2 8 1 o	32.1363	26.5611	178.67	1.22259
1 8 4 8 1 o	37.7694	30.0829	180.10	1.22123
8 11 2 8 1 o	31.2462	25.6064	358.37	1.21989
4 2 4 8 1 o	0.5350	0.4280	180.19	1.21920
5 19 1 8 1 o	58.8619	47.4667	359.68	1.21854
7 17 0 4 1 o	5599.5371	4526.6108	0.44	1.21808
4 20 1 8 1 o	2015.7349	1650.1816	0.26	1.21603
3 6 4 8 1 o	4298.7583	3529.2529	0.48	1.21519
4 3 4 8 1 o	57.4690	48.3139	182.12	1.21302
4 18 2 8 1 o	8.7950	7.4351	357.29	1.21272
1 16 3 8 1 o	1619.8135	1394.8431	0.24	1.21086
5 17 2 8 1 o	1785.2805	1548.9069	359.88	1.21031
4 14 3 8 1 o	0.0904	0.0795	339.49	1.20888

3 15 3 8 1 o	0.2970	0.2623 190.75 1.20859
11 1 0 4 1 o	4276.7759	3778.7964 0.29 1.20849
6 18 1 8 1 o	3.7133	3.2805 359.75 1.20848
8 1 3 8 1 o	195.2422	175.8348 179.97 1.20621
2 8 4 8 1 o	568.7260	514.0921 0.22 1.20609
2 22 0 4 1 o	423.0447	382.6648 359.99 1.20570
10 8 1 8 1 o	337.4137	306.1349 179.57 1.20493
7 8 3 8 1 o	3152.8718	2867.9294 180.52 1.20456
4 4 4 8 1 o	1547.2876	1409.4081 180.15 1.20452
9 8 2 8 1 o	372.9184	340.0645 0.02 1.20417
9 13 0 4 1 o	367.7143	335.1833 180.55 1.20407
7 14 2 8 1 o	59.6958	54.5742 1.42 1.20354
3 19 2 8 1 o	546.5127	500.9163 0.95 1.20275
8 2 3 8 1 o	3.0789	2.8372 181.10 1.20261
9 12 1 8 1 o	178.6732	164.1571 180.65 1.20260
3 21 1 8 1 o	3864.8452	3570.0015 0.37 1.20118
1 9 4 8 1 o	99.9987	92.5911 179.93 1.20049
0 20 2 4 1 o	611.7627	568.0261 180.19 1.20033
6 11 3 8 1 o	449.6227	420.1718 0.42 1.20027
3 7 4 8 1 o	4.4575	4.1704 2.05 1.19946
11 3 0 4 1 o	1459.5253	1382.6630 0.68 1.19890
5 13 3 8 1 o	136.7591	133.0398 180.30 1.19695
8 3 3 8 1 o	1.1418	1.1024 193.89 1.19668
2 16 3 8 1 o	191.9970	191.1159 0.16 1.19610
6 16 2 8 1 o	167.8300	166.3244 0.51 1.19572
1 20 2 8 1 o	1436.3090	1443.3844 0.15 1.19548
4 5 4 8 1 o	2337.5474	2418.5903 0.64 1.19386
10 10 0 4 1 o	3222.2021	3269.2825 0.26 1.19335
8 12 2 8 1 o	877.5407	885.2571 0.49 1.19217
8 15 1 8 1 o	1616.1520	1634.3453 180.38 1.18948
1 22 1 8 1 o	2.8009	2.8436 358.34 1.18929
8 4 3 8 1 o	237.4456	235.4798 180.39 1.18852
10 0 2 4 1 o	235.5451	233.0937 1.25 1.18764
7 17 1 8 1 o	855.7699	840.8502 0.06 1.18675
10 1 2 8 1 o	82.7322	81.6949 359.33 1.18649
2 9 4 8 1 o	232.1929	225.0563 180.13 1.18610
10 9 1 8 1 o	38.2074	37.4898 1.66 1.18499
7 9 3 8 1 o	33.9297	33.3912 179.63 1.18464
9 9 2 8 1 o	70.8268	69.7975 180.46 1.18427
8 16 0 4 1 o	38.9937	37.9398 359.83 1.18400
0 10 4 4 1 o	5.3302	5.1668 2.26 1.18317
10 2 2 8 1 o	306.9602	304.1455 180.22 1.18306
3 8 4 8 1 o	64.2086	63.1356 180.05 1.18206
2 20 2 8 1 o	242.2066	241.6474 180.69 1.18126
4 6 4 8 1 o	146.8398	146.5727 0.03 1.18120
11 5 0 4 1 o	622.4288	627.7493 0.49 1.18039
5 0 4 4 1 o	10652.5488	10808.8252 180.24 1.18009
5 1 4 8 1 o	255.4916	262.9931 0.02 1.17897
1 10 4 8 1 o	82.7932	86.6459 0.03 1.17852
8 5 3 8 1 o	1800.8927	1830.8579 180.44 1.17826
11 1 1 8 1 o	1562.6339	1601.9862 180.22 1.17788
10 3 2 8 1 o	1250.2301	1275.3401 0.68 1.17742
0 17 3 4 1 o	405.9055	431.6991 0.26 1.17708
5 2 4 8 1 o	1.9091	2.0074 175.24 1.17560

2	22	1	8	1	o	1554.2007	1645.4717	180.40	1.17529
4	15	3	8	1	o	6827.8950	7217.2993	0.32	1.17514
11	2	1	8	1	o	1784.4537	1844.2507	180.18	1.17452
6	12	3	8	1	o	105.5053	109.7015	181.03	1.17383
9	13	1	8	1	o	1316.4260	1371.4421	180.39	1.17379
5	20	1	8	1	o	479.2596	498.7151	180.25	1.17276
3	16	3	8	1	o	50.0484	52.1062	181.73	1.17265
1	17	3	8	1	o	302.6709	314.8360	180.25	1.17250
7	15	2	8	1	o	1940.8453	1987.9783	180.45	1.17023
5	3	4	8	1	o	20.9096	21.3978	181.64	1.17006
5	18	2	8	1	o	5707.3604	5833.9224	0.24	1.16979
4	19	2	8	1	o	657.3444	671.4506	181.24	1.16976
10	4	2	8	1	o	174.3686	177.8854	0.46	1.16964
11	3	1	8	1	o	1305.2766	1333.6223	0.77	1.16899
4	21	1	8	1	o	869.2099	887.0112	180.21	1.16832
1	23	0	4	1	o	463.3898	473.0024	180.74	1.16817
4	7	4	8	1	o	115.3170	118.2357	179.07	1.16674
5	14	3	8	1	o	5513.0039	5660.9517	0.55	1.16634
8	6	3	8	1	o	1360.4126	1390.1788	0.36	1.16609
6	19	1	8	1	o	40.7020	41.8814	180.19	1.16595
2	10	4	8	1	o	634.2825	657.4026	0.15	1.16489
8	13	2	8	1	o	762.5897	786.4435	180.50	1.16408
10	10	1	8	1	o	364.7248	376.5657	0.56	1.16384
7	10	3	8	1	o	6906.0444	7114.7085	180.46	1.16351
3	9	4	8	1	o	5.0554	5.2856	1.15	1.16322
9	10	2	8	1	o	1486.6118	1530.5024	0.22	1.16316
5	4	4	8	1	o	5.8138	6.0565	176.47	1.16243
11	4	1	8	1	o	859.0780	886.0088	0.21	1.16138
10	5	2	8	1	o	0.0435	0.0444	357.95	1.15987
2	17	3	8	1	o	421.4266	445.2780	0.12	1.15908
6	17	2	8	1	o	5002.7642	5198.1655	0.55	1.15873
3	20	2	8	1	o	6.8897	7.2169	179.36	1.15866
5	21	0	4	1	o	3738.0498	3836.5435	0.43	1.15672
1	11	4	8	1	o	327.7493	331.1027	0.19	1.15558
8	16	1	8	1	o	352.3846	350.9933	180.79	1.15517
11	7	0	4	1	o	2828.0244	2770.3525	180.26	1.15416
3	22	1	8	1	o	207.3985	198.6864	0.65	1.15302
5	5	4	8	1	o	452.2249	433.2057	180.34	1.15283
6	20	0	4	1	o	0.3526	0.3339	187.42	1.15228
8	7	3	8	1	o	710.2706	683.7065	0.01	1.15218
11	5	1	8	1	o	59.9650	57.3075	179.93	1.15181
4	8	4	8	1	o	82.5467	76.5264	180.34	1.15070
4	22	0	4	1	o	348.2142	323.4377	179.90	1.15036
1	21	2	8	1	o	240.5513	222.6108	180.15	1.15006
7	18	1	8	1	o	219.9100	204.0284	180.34	1.14848
10	6	2	8	1	o	2280.1118	2154.1704	0.44	1.14825
6	13	3	8	1	o	774.6602	723.8851	0.55	1.14699
10	12	0	4	1	o	8620.5645	8079.4038	180.40	1.14505
9	14	1	8	1	o	542.9493	509.2170	0.19	1.14488
0	23	1	4	1	o	41.8840	39.2083	0.04	1.14466
3	10	4	8	1	o	21.9837	20.6578	180.24	1.14320
2	11	4	8	1	o	32.8207	30.8865	179.34	1.14273
9	15	0	4	1	o	974.1548	919.8118	0.89	1.14203
4	16	3	8	1	o	0.1567	0.1479	357.40	1.14202

10 11 1 8 1 o	18.6570	17.6442	1.38	1.14174
7 11 3 8 1 o	273.7940	259.1872	180.17	1.14142
5 6 4 8 1 o	55.1461	52.1542	180.98	1.14142
9 11 2 8 1 o	11.4010	10.8002	358.35	1.14109
1 23 1 8 1 o	57.8316	54.8365	0.49	1.14045
11 6 1 8 1 o	1880.0729	1782.2773	0.41	1.14043
3 17 3 8 1 o	22.4873	21.4163	179.84	1.13770
7 16 2 8 1 o	0.0160	0.0152	78.52	1.13751
7 19 0 4 1 o	9781.8037	9296.4062	0.47	1.13742
2 21 2 8 1 o	4.3924	4.1775	181.63	1.13739
8 8 3 8 1 o	1138.1339	1076.9664	180.30	1.13672
0 12 4 4 1 o	457.7702	433.0308	179.94	1.13605
5 15 3 8 1 o	10.6165	10.0159	179.47	1.13595
8 14 2 8 1 o	0.7817	0.7372	175.68	1.13586
1 18 3 8 1 o	591.1393	556.8943	0.28	1.13555
10 7 2 8 1 o	9.3946	8.8451	357.81	1.13495
3 23 0 4 1 o	1550.3545	1438.7327	0.68	1.13374
4 9 4 8 1 o	356.9866	329.5592	0.13	1.13331
6 0 4 4 1 o	5406.0532	5010.8091	0.28	1.13214
1 12 4 8 1 o	41.4797	37.8818	176.11	1.13193
6 1 4 8 1 o	6370.8696	5889.1514	180.59	1.13114
5 19 2 8 1 o	525.4058	481.3531	181.12	1.13109
9 1 3 8 1 o	64.5395	60.5390	179.77	1.12988
5 21 1 8 1 o	513.2984	468.4840	180.33	1.12979
4 20 2 8 1 o	387.8844	354.2898	180.14	1.12908
5 7 4 8 1 o	316.7864	290.8069	180.49	1.12836
6 2 4 8 1 o	2575.8606	2386.3176	0.07	1.12817
2 23 1 8 1 o	16.6347	15.2248	180.60	1.12809
11 7 1 8 1 o	45.4769	42.4057	180.42	1.12740
9 2 3 8 1 o	874.3730	826.8881	179.79	1.12691
6 20 1 8 1 o	780.4947	728.3621	180.40	1.12566
4 22 1 8 1 o	767.2999	730.7224	0.79	1.12387
0 24 0 2 1 o	3499.8445	3334.6045	180.81	1.12383
2 18 3 8 1 o	99.6472	95.4360	180.16	1.12334
6 3 4 8 1 o	1042.1589	1003.2155	0.75	1.12327
6 18 2 8 1 o	9066.4854	8733.8682	0.21	1.12303
3 11 4 8 1 o	23.0125	22.3731	180.81	1.12222
9 3 3 8 1 o	84.3003	82.4149	180.57	1.12203
11 9 0 4 1 o	35.2712	34.4840	0.72	1.12176
8 17 1 8 1 o	252.9374	247.3434	0.06	1.12172
10 8 2 8 1 o	1067.5303	1059.6995	180.22	1.12018
6 14 3 8 1 o	0.0152	0.0152	56.86	1.11998
8 9 3 8 1 o	5208.1606	5180.9761	180.40	1.11994
2 12 4 8 1 o	80.7430	80.6889	180.89	1.11984
10 12 1 8 1 o	2943.4612	2962.0273	180.56	1.11891
7 12 3 8 1 o	185.9933	187.5102	1.33	1.11862
9 12 2 8 1 o	557.8464	563.7553	180.76	1.11831
3 21 2 8 1 o	722.6255	743.4954	180.52	1.11716
6 4 4 8 1 o	9.9833	10.2709	181.66	1.11651
9 15 1 8 1 o	819.2310	848.2370	180.89	1.11609
9 4 3 8 1 o	312.3875	321.0348	0.62	1.11529
4 10 4 8 1 o	50.4648	53.2610	179.61	1.11476
5 8 4 8 1 o	1256.0503	1323.8414	180.18	1.11383
8 18 0 4 1 o	2636.3032	2787.2810	0.57	1.11331

11	8	1	8	1	o	4897.5376	5133.0933	180.29	1.11292
7	19	1	8	1	o	682.0117	721.7717	179.94	1.11179
0	22	2	4	1	o	1109.7312	1176.7417	0.21	1.11144
4	17	3	8	1	o	93.4778	99.0317	0.39	1.10966
12	0	0	2	1	o	2830.0171	2987.4399	359.45	1.10890
3	23	1	8	1	o	169.7284	180.2942	359.76	1.10835
2	24	0	4	1	o	63.4188	67.4033	176.56	1.10813
6	5	4	8	1	o	2496.9133	2644.3645	180.61	1.10800
1	13	4	8	1	o	197.9397	210.9071	180.04	1.10781
8	15	2	8	1	o	1377.1587	1459.4059	0.56	1.10774
1	22	2	8	1	o	327.9545	349.3502	0.25	1.10758
9	5	3	8	1	o	3.6896	3.8863	180.01	1.10681
5	16	3	8	1	o	544.6476	580.6343	0.77	1.10595
7	17	2	8	1	o	15099.7285	16075.0342	0.40	1.10553
12	2	0	4	1	o	409.8943	435.0095	0.46	1.10517
10	9	2	8	1	o	47.7562	50.5828	179.98	1.10411
3	18	3	8	1	o	354.7988	378.2003	0.28	1.10385
0	19	3	4	1	o	1597.1918	1703.0868	0.21	1.10383
8	10	3	8	1	o	48.6541	51.6597	180.90	1.10204
3	12	4	8	1	o	125.7663	134.3239	181.61	1.10053
1	19	3	8	1	o	162.1405	173.9424	0.25	1.10005
11	0	2	4	1	o	2900.5527	3093.8984	180.86	1.09925
11	1	2	8	1	o	793.1811	847.9646	180.48	1.09834
5	9	4	8	1	o	333.2011	363.7906	0.21	1.09803
6	6	4	8	1	o	235.0610	254.9119	180.12	1.09786
11	9	1	8	1	o	7011.9873	7595.5581	0.67	1.09715
9	6	3	8	1	o	3013.9397	3226.8953	180.57	1.09670
2	13	4	8	1	o	1835.0635	2044.8320	0.41	1.09647
2	22	2	8	1	o	28.7534	31.8283	0.20	1.09625
11	2	2	8	1	o	22.1615	23.7021	180.27	1.09562
10	13	1	8	1	o	153.0439	166.3557	0.45	1.09559
1	24	1	8	1	o	748.0825	822.9382	0.30	1.09536
7	13	3	8	1	o	115.5606	124.9171	0.22	1.09532
4	11	4	8	1	o	860.1093	950.6924	180.38	1.09529
9	13	2	8	1	o	141.7444	152.7699	180.50	1.09502
10	14	0	4	1	o	1339.3383	1456.0951	180.23	1.09490
12	4	0	4	1	o	480.8866	515.8373	0.21	1.09420
5	20	2	8	1	o	429.5544	465.2256	359.86	1.09419
6	15	3	8	1	o	108.2166	115.1470	179.72	1.09298
11	3	2	8	1	o	1417.7549	1486.6411	0.58	1.09113
4	21	2	8	1	o	45.4536	47.3787	1.16	1.09058
5	22	1	8	1	o	232.1750	242.0030	180.71	1.08944
8	18	1	8	1	o	115.1606	120.1669	0.28	1.08923
2	19	3	8	1	o	103.3108	107.7986	179.92	1.08894
6	19	2	8	1	o	2847.1145	2974.7502	0.66	1.08866
9	16	1	8	1	o	470.2704	492.1997	179.91	1.08760
6	21	1	8	1	o	410.9850	431.2204	0.20	1.08750
0	14	4	4	1	o	587.8127	620.1800	179.95	1.08702
10	10	2	8	1	o	514.9120	535.5760	0.20	1.08694
6	7	4	8	1	o	2238.9736	2336.1970	180.40	1.08622
9	7	3	8	1	o	202.7276	208.9291	0.34	1.08510
11	4	2	8	1	o	26.2004	26.9841	180.69	1.08493
11	11	0	4	1	o	3663.5557	3802.5173	0.25	1.08486
2	24	1	8	1	o	1181.2786	1228.8334	0.29	1.08439

12 1 1 8 1 o	87.4734	89.9798	0.39	1.08423
1 14 4 8 1 o	456.2021	470.8507	180.26	1.08341
8 11 3 8 1 o	3456.1555	3530.1189	180.32	1.08321
4 23 1 8 1 o	243.7230	247.9714	0.26	1.08238
7 0 4 4 1 o	39.6378	40.2235	182.96	1.08236
9 17 0 4 1 o	6666.1646	6726.7778	180.53	1.08166
12 2 1 8 1 o	1227.3539	1238.1915	180.27	1.08161
7 1 4 8 1 o	3340.7620	3366.9871	0.44	1.08149
5 10 4 8 1 o	112.8423	113.2380	0.38	1.08114
11 10 1 8 1 o	2.1409	2.1360	182.93	1.08030
8 16 2 8 1 o	1421.6626	1412.3884	0.42	1.07986
7 2 4 8 1 o	7.6611	7.5769	182.71	1.07889
3 13 4 8 1 o	25.8346	25.2434	181.05	1.07832
4 18 3 8 1 o	408.4554	399.5833	180.11	1.07819
3 22 2 8 1 o	646.0121	631.5683	180.07	1.07811
12 3 1 8 1 o	640.9109	627.8663	180.62	1.07729
11 5 2 8 1 o	4.4686	4.3815	0.95	1.07712
7 20 1 8 1 o	24.7116	24.0146	179.11	1.07669
12 6 0 4 1 o	2672.0762	2604.7412	180.62	1.07662
5 17 3 8 1 o	517.4673	502.6161	0.14	1.07649
1 25 0 4 1 o	2793.5405	2699.1716	180.25	1.07535
4 12 4 8 1 o	130.6924	126.0908	180.12	1.07509
7 3 4 8 1 o	283.0593	273.4733	180.28	1.07460
7 18 2 8 1 o	4.3534	4.1904	7.69	1.07439
6 8 4 8 1 o	226.2422	216.3572	0.10	1.07324
5 23 0 4 1 o	7387.6367	7045.7891	180.54	1.07313
6 22 0 4 1 o	1686.0316	1605.9030	180.46	1.07297
2 14 4 8 1 o	119.8280	113.9059	0.13	1.07279
9 8 3 8 1 o	4117.8276	3932.9651	0.62	1.07216
10 14 1 8 1 o	0.0748	0.0709	6.84	1.07197
7 14 3 8 1 o	730.5834	691.3171	180.89	1.07172
9 14 2 8 1 o	8.5576	8.0861	182.78	1.07144
12 4 1 8 1 o	538.0453	509.1382	0.68	1.07132
3 19 3 8 1 o	94.3746	88.2340	0.06	1.07116
10 11 2 8 1 o	400.6479	373.9282	0.47	1.06886
7 4 4 8 1 o	8.8565	8.2528	183.90	1.06868
1 23 2 8 1 o	59.7121	54.1355	359.88	1.06781
11 6 2 8 1 o	6428.8086	6022.4443	180.41	1.06779
3 24 1 8 1 o	33.1841	30.0555	0.35	1.06682
6 16 3 8 1 o	211.2799	193.5396	0.24	1.06618
1 20 3 8 1 o	218.1767	196.1613	359.94	1.06601
4 24 0 4 1 o	17.8195	16.2985	184.56	1.06472
7 21 0 4 1 o	1098.3264	1011.1050	180.72	1.06424
12 5 1 8 1 o	67.8455	64.1569	0.49	1.06379
8 12 3 8 1 o	886.3000	839.6497	0.43	1.06366
5 11 4 8 1 o	4.6093	4.3101	2.12	1.06335
11 11 1 8 1 o	79.1770	75.7671	180.37	1.06255
7 5 4 8 1 o	421.0047	413.3316	0.45	1.06121
10 1 3 8 1 o	2124.0840	2145.6416	180.25	1.05963
9 17 1 8 1 o	82.4573	83.4351	0.41	1.05955
6 9 4 8 1 o	105.0823	107.2947	180.10	1.05908
5 21 2 8 1 o	20.9813	21.4911	178.12	1.05904
1 15 4 8 1 o	276.3836	284.7202	0.15	1.05892
9 9 3 8 1 o	1233.2198	1276.8868	180.36	1.05805

8 19 1 8 1 o	139.2434	146.5952	180.51	1.05779
2 23 2 8 1 o	334.2556	354.4094	0.86	1.05764
10 2 3 8 1 o	618.1187	645.3697	0.22	1.05718
11 7 2 8 1 o	632.0507	664.1263	180.29	1.05708
0 25 1 4 1 o	1115.2117	1199.7760	0.40	1.05693
2 20 3 8 1 o	53.8520	59.4560	0.14	1.05590
3 14 4 8 1 o	299.3298	331.6403	0.42	1.05578
6 20 2 8 1 o	197.1979	216.0500	180.77	1.05564
12 6 1 8 1 o	880.6387	957.2657	0.67	1.05481
4 13 4 8 1 o	2341.1165	2634.9666	180.53	1.05436
4 22 2 8 1 o	127.9609	143.2463	0.64	1.05416
1 25 1 8 1 o	134.8416	151.5622	180.10	1.05361
12 8 0 4 1 o	53.4273	59.0081	0.43	1.05338
10 3 3 8 1 o	129.0746	139.5544	2.20	1.05315
0 1 5 4 1 o	6.3376	7.1935	180.21	1.05248
8 17 2 8 1 o	3086.1558	3428.9102	180.50	1.05239
7 6 4 8 1 o	2091.3389	2301.7405	180.33	1.05228
5 23 1 8 1 o	335.7854	376.3356	0.53	1.05152
6 22 1 8 1 o	909.8422	1018.0471	180.68	1.05137
10 12 2 8 1 o	21.3046	23.3286	182.43	1.05007
1 1 5 8 1 o	72.1973	79.4361	180.42	1.04921
2 15 4 8 1 o	1576.7052	1730.5696	180.29	1.04900
3 25 0 4 1 o	562.6218	613.2577	0.59	1.04831
10 15 1 8 1 o	0.6270	0.6829	167.35	1.04823
7 15 3 8 1 o	33.4896	36.4247	0.38	1.04799
9 15 2 8 1 o	727.7751	790.7923	0.72	1.04774
5 18 3 8 1 o	99.1804	107.7463	0.44	1.04768
4 19 3 8 1 o	175.2060	190.2428	0.16	1.04766
10 4 3 8 1 o	245.1297	264.8487	180.07	1.04757
8 20 0 4 1 o	2580.8000	2801.7593	0.38	1.04755
1 2 5 8 1 o	38.3717	41.5312	0.49	1.04683
0 3 5 4 1 o	1222.3011	1325.4324	0.68	1.04613
11 8 2 8 1 o	34.8745	37.7390	0.39	1.04511
11 13 0 4 1 o	261.2116	284.5374	180.57	1.04504
5 12 4 8 1 o	152.8657	167.0424	179.75	1.04484
12 7 1 8 1 o	142.0739	154.2951	180.40	1.04448
10 16 0 4 1 o	2473.7595	2705.0840	180.34	1.04448
7 19 2 8 1 o	1185.5078	1297.1422	0.69	1.04418
11 12 1 8 1 o	1899.6676	2070.4224	0.44	1.04408
6 10 4 8 1 o	538.5795	588.5122	0.22	1.04390
2 25 1 8 1 o	2868.0271	3157.4351	0.34	1.04384
4 24 1 8 1 o	45.1543	49.7626	358.57	1.04360
8 13 3 8 1 o	745.3433	809.3376	180.56	1.04357
7 21 1 8 1 o	243.8827	268.6253	180.52	1.04315
9 10 3 8 1 o	3633.8767	3920.1350	0.49	1.04291
1 3 5 8 1 o	2270.5762	2524.5964	180.47	1.04291
7 7 4 8 1 o	275.7320	297.8341	0.39	1.04203
3 23 2 8 1 o	2082.9468	2276.0671	0.51	1.04132
10 5 3 8 1 o	267.4340	282.9855	0.40	1.04053
6 17 3 8 1 o	20.3195	21.4296	0.14	1.03971
3 20 3 8 1 o	0.7115	0.7512	175.51	1.03966
2 1 5 8 1 o	1272.9641	1340.8855	0.22	1.03956
0 16 4 4 1 o	838.1839	837.2690	180.22	1.03763
1 4 5 8 1 o	94.2471	93.8836	0.59	1.03750

0 26 0 2 1 o	145.5291	145.9093	359.80	1.03738
2 2 5 8 1 o	95.1033	94.3002	180.64	1.03725
0 21 3 4 1 o	2322.6528	2282.7053	180.64	1.03657
1 16 4 8 1 o	38.7721	38.4036	180.38	1.03449
0 5 5 4 1 o	501.5485	502.7982	0.07	1.03376
0 24 2 4 1 o	5259.0894	5302.0405	180.41	1.03363
2 3 5 8 1 o	2493.5789	2515.1313	180.54	1.03343
1 21 3 8 1 o	12.3395	12.4477	181.52	1.03343
4 14 4 8 1 o	20.6855	20.9569	179.90	1.03326
3 15 4 8 1 o	172.0259	174.7015	180.43	1.03307
12 8 1 8 1 o	40.1970	41.3243	1.28	1.03292
8 0 4 4 1 o	4308.5908	4466.1851	0.47	1.03234
10 6 3 8 1 o	32.2168	33.4992	181.15	1.03212
9 18 1 8 1 o	1048.1243	1084.9526	180.26	1.03204
11 9 2 8 1 o	63.6580	66.1158	180.25	1.03202
8 1 4 8 1 o	3910.3582	4077.8481	0.53	1.03159
10 13 2 8 1 o	2.5006	2.6255	359.89	1.03072
1 5 5 8 1 o	6.5735	6.9138	359.29	1.03066
7 8 4 8 1 o	4.4348	4.6634	178.82	1.03055
1 24 2 8 1 o	4682.7881	4929.6143	0.52	1.03052
8 2 4 8 1 o	178.1259	189.1824	0.64	1.02933
2 4 5 8 1 o	64.0520	68.7638	181.20	1.02816
3 25 1 8 1 o	331.4337	356.2680	0.02	1.02814
6 11 4 8 1 o	1278.8572	1379.4688	0.39	1.02786
8 20 1 8 1 o	272.5917	295.5620	179.71	1.02742
9 11 3 8 1 o	988.9490	1074.5281	0.23	1.02691
5 13 4 8 1 o	772.1186	857.6102	0.29	1.02577
12 10 0 4 1 o	25.1467	27.8814	0.05	1.02560
8 3 4 8 1 o	2553.3018	2808.8782	180.58	1.02560
5 22 2 8 1 o	276.9272	308.5096	359.76	1.02559
8 18 2 8 1 o	5153.0796	5735.9736	0.50	1.02542
2 16 4 8 1 o	27.0501	30.4353	182.38	1.02524
11 13 1 8 1 o	0.7018	0.7838	2.77	1.02506
2 26 0 4 1 o	1816.3021	2045.0580	180.18	1.02500
10 16 1 8 1 o	128.5872	145.0357	179.52	1.02452
7 16 3 8 1 o	3131.4751	3533.3164	180.38	1.02430
2 21 3 8 1 o	1503.9142	1722.9523	0.54	1.02421
9 16 2 8 1 o	38.7417	43.7875	180.95	1.02406
3 1 5 8 1 o	26.5783	30.5757	179.75	1.02405
9 19 0 4 1 o	937.9453	1071.0815	180.68	1.02400
6 21 2 8 1 o	377.6572	431.0414	180.71	1.02397
8 14 3 8 1 o	577.5098	656.3644	180.31	1.02310
13 1 0 4 1 o	41.2328	46.9475	181.28	1.02286
1 6 5 8 1 o	171.8545	202.6781	180.29	1.02248
10 7 3 8 1 o	209.3818	234.8033	0.64	1.02243
12 0 2 4 1 o	9166.7090	10312.9912	180.57	1.02197
3 2 5 8 1 o	79.8654	94.9045	180.57	1.02184
2 5 5 8 1 o	3.9600	4.7206	2.91	1.02151
2 24 2 8 1 o	2007.7939	2376.0249	0.56	1.02138
12 1 2 8 1 o	174.3977	196.5006	180.72	1.02124
8 4 4 8 1 o	287.2632	325.7601	179.92	1.02045
12 9 1 8 1 o	6652.3550	7648.3887	180.52	1.02028
4 23 2 8 1 o	2389.3804	2823.2229	180.55	1.01970
5 19 3 8 1 o	48.6235	57.1580	180.21	1.01961



12 2 2 8 1 o	7.4103	8.2907	178.52	1.01905
3 3 5 8 1 o	2028.7247	2385.5227	0.37	1.01820
4 20 3 8 1 o	588.4517	683.9533	0.15	1.01813
7 9 4 8 1 o	72.3684	81.6390	0.36	1.01800
11 10 2 8 1 o	894.9614	999.6694	180.22	1.01796
6 23 1 8 1 o	1578.7618	1794.6904	180.26	1.01717
13 3 0 4 1 o	690.8804	766.4328	180.76	1.01703
0 7 5 4 1 o	2566.1758	2849.4102	180.32	1.01601
5 24 1 8 1 o	569.7916	626.3018	0.49	1.01586
12 3 2 8 1 o	390.6878	416.5375	180.90	1.01543
7 20 2 8 1 o	8.8867	9.4928	177.61	1.01493
1 26 1 8 1 o	169.6524	181.2832	0.64	1.01486
8 5 4 8 1 o	856.4523	890.2581	0.65	1.01394
6 18 3 8 1 o	2.6432	2.7386	180.57	1.01369
2 6 5 8 1 o	173.1729	178.6644	180.15	1.01354
3 4 5 8 1 o	542.1238	554.0680	180.78	1.01315
1 7 5 8 1 o	874.2426	891.5544	180.32	1.01306
4 15 4 8 1 o	332.8639	331.9213	0.83	1.01195
10 8 3 8 1 o	176.8618	176.8796	0.39	1.01159
7 22 1 8 1 o	275.7469	271.5361	0.55	1.01114
6 12 4 8 1 o	69.3331	68.3937	0.05	1.01112
10 14 2 8 1 o	263.7950	260.4384	180.38	1.01098
12 4 2 8 1 o	732.2769	720.3495	0.29	1.01043
3 16 4 8 1 o	212.1342	205.6009	0.37	1.01035
1 17 4 8 1 o	1537.0422	1487.4042	180.38	1.01026
9 12 3 8 1 o	3860.7512	3777.3706	180.58	1.01021
3 21 3 8 1 o	13.4409	12.8441	1.13	1.00937
4 25 1 8 1 o	1170.6880	1091.4633	0.49	1.00731
3 5 5 8 1 o	589.6506	544.4714	0.11	1.00678
12 10 1 8 1 o	87.6069	82.0747	1.05	1.00669
3 24 2 8 1 o	1259.8379	1166.2283	180.68	1.00666
5 14 4 8 1 o	1489.9250	1376.8992	180.36	1.00631
8 6 4 8 1 o	1615.8669	1516.9939	0.30	1.00615
2 26 1 8 1 o	3687.4961	3398.1189	180.44	1.00612
13 5 0 4 1 o	1110.9612	1033.1271	180.70	1.00565
11 14 1 8 1 o	771.3739	714.4055	180.12	1.00564
9 19 1 8 1 o	174.1247	159.9734	180.59	1.00517
7 10 4 8 1 o	280.0001	258.7383	359.87	1.00450
2 7 5 8 1 o	31.9759	28.9678	180.06	1.00437
12 5 2 8 1 o	67.1639	62.6804	181.56	1.00411
13 1 1 8 1 o	1258.2294	1167.2026	180.10	1.00410
11 15 0 4 1 o	1063.6470	974.1831	180.82	1.00371
4 1 5 8 1 o	46.5539	42.1019	0.48	1.00346
11 11 2 8 1 o	1130.4797	1048.3000	0.29	1.00307
1 8 5 8 1 o	21.2475	19.2736	359.21	1.00251
6 24 0 4 1 o	485.5997	442.8772	180.37	1.00247
8 15 3 8 1 o	309.8123	286.3081	181.08	1.00240
1 22 3 8 1 o	155.7172	141.5367	180.63	1.00228
13 2 1 8 1 o	308.8116	286.8922	0.23	1.00202
2 17 4 8 1 o	5111.7051	4667.6270	0.42	1.00164
4 2 5 8 1 o	25.7970	23.6135	178.50	1.00138
10 17 1 8 1 o	1029.1006	953.1321	180.20	1.00097
7 17 3 8 1 o	78.4860	72.9281	180.33	1.00076
9 17 2 8 1 o	1237.3442	1152.4319	0.16	1.00054

5	25	0	4	1	o	2420.9792	2257.4480	180.51	0.99985
10	9	3	8	1	o	24812.6387	23414.6562	0.52	0.99971
3	6	5	8	1	o	976.6124	915.9183	0.54	0.99915
8	19	2	8	1	o	2151.6196	2025.8547	180.58	0.99906
13	3	1	8	1	o	1187.0485	1125.3706	180.71	0.99858
8	21	1	8	1	o	0.9527	0.9037	172.64	0.99816
7	23	0	4	1	o	685.5587	650.7957	0.95	0.99806
4	3	5	8	1	o	664.1837	631.0215	0.47	0.99795
8	7	4	8	1	o	221.0889	211.6617	0.91	0.99717
12	6	2	8	1	o	5522.6904	5305.4946	180.38	0.99655
1	27	0	4	1	o	99.8074	96.5240	180.52	0.99616
1	25	2	8	1	o	192.5350	187.3259	180.24	0.99553
11	1	3	8	1	o	535.0125	516.2329	180.26	0.99542
10	18	0	4	1	o	20685.5723	20152.4648	180.53	0.99498
12	12	0	4	1	o	9484.3672	9235.1016	0.35	0.99446
2	8	5	8	1	o	1224.5447	1204.0199	180.54	0.99408
2	22	3	8	1	o	384.4588	377.6765	180.27	0.99386
13	4	1	8	1	o	1027.0706	997.9264	180.44	0.99382
6	13	4	8	1	o	2637.3757	2574.4646	0.53	0.99381
5	23	2	8	1	o	693.6985	679.1794	180.69	0.99377
0	9	5	4	1	o	5551.1631	5460.0049	0.56	0.99370
6	22	2	8	1	o	1.3710	1.3412	183.82	0.99364
11	2	3	8	1	o	375.0151	363.2745	180.50	0.99340
4	4	5	8	1	o	1727.8090	1698.0625	0.48	0.99320
9	13	3	8	1	o	65.1386	63.2721	180.11	0.99295
5	20	3	8	1	o	2132.8928	2079.9683	180.32	0.99233
12	11	1	8	1	o	125.2709	121.7231	0.50	0.99228
3	26	1	8	1	o	5159.7739	5027.7490	0.48	0.99204
10	15	2	8	1	o	1241.7216	1200.9521	180.63	0.99100
1	9	5	8	1	o	3201.1216	3098.3220	180.74	0.99094
4	16	4	8	1	o	4254.2720	4106.0459	180.25	0.99057
3	7	5	8	1	o	480.3772	462.9534	180.07	0.99036
4	26	0	4	1	o	28.8989	27.8582	180.81	0.99035
7	11	4	8	1	o	273.1175	263.3108	180.38	0.99018
11	3	3	8	1	o	397.8113	383.8556	0.41	0.99004
4	21	3	8	1	o	1657.1384	1591.7267	180.44	0.98964
13	7	0	4	1	o	170.3020	163.6886	0.25	0.98928
0	18	4	4	1	o	1.9316	1.8501	177.24	0.98906
6	19	3	8	1	o	210.6740	201.7354	179.72	0.98819
12	7	2	8	1	o	1689.5576	1620.8330	0.21	0.98782
13	5	1	8	1	o	605.3382	580.0387	0.48	0.98780
3	17	4	8	1	o	4136.2749	3956.9214	180.47	0.98774
11	12	2	8	1	o	922.4644	883.3746	0.71	0.98748
2	25	2	8	1	o	315.3345	301.5043	0.56	0.98728
4	5	5	8	1	o	16.0621	15.3619	181.14	0.98720
8	8	4	8	1	o	112.2296	107.4146	180.05	0.98711
4	24	2	8	1	o	247.9057	236.9338	180.65	0.98708
10	10	3	8	1	o	29.8111	28.5491	179.59	0.98691
8	22	0	4	1	o	319.6412	305.3533	0.73	0.98689
7	21	2	8	1	o	1177.7722	1124.2683	180.67	0.98670
5	15	4	8	1	o	78.0514	74.4990	179.94	0.98660
1	18	4	8	1	o	12263.3594	11704.6094	0.62	0.98634
11	15	1	8	1	o	855.2173	814.2217	1.02	0.98596
11	4	3	8	1	o	62.4791	59.7521	1.13	0.98541

6 24 1 8 1 o	1929.4902	1822.0732	0.52	0.98479
9 0 4 4 1 o	8640.3184	8233.8994	0.57	0.98326
2 9 5 8 1 o	6889.9048	6401.8760	180.74	0.98280
9 1 4 8 1 o	673.1944	642.0887	0.35	0.98261
5 25 1 8 1 o	1.1830	1.1071	175.85	0.98230
8 16 3 8 1 o	5.6335	5.3504	359.38	0.98160
0 27 1 4 1 o	1278.7338	1205.1450	180.70	0.98146
9 2 4 8 1 o	20.4520	19.6687	179.32	0.98066
7 23 1 8 1 o	24.2593	23.1677	358.38	0.98061
13 6 1 8 1 o	37.6978	36.1764	180.96	0.98060
3 8 5 8 1 o	7194.9810	6870.4868	180.51	0.98049
3 22 3 8 1 o	774.8266	743.6003	0.70	0.98028
4 6 5 8 1 o	125.8676	121.4966	180.27	0.98000
11 5 3 8 1 o	78.4747	75.9928	180.34	0.97954
9 20 1 8 1 o	471.7282	461.5873	0.02	0.97901
1 27 1 8 1 o	11215.6113	11031.4971	180.60	0.97880
5 1 5 8 1 o	60.5225	59.7734	359.95	0.97873
1 10 5 8 1 o	114.9649	114.1116	0.37	0.97847
2 18 4 8 1 o	3717.1199	3695.5483	180.46	0.97831
12 8 2 8 1 o	0.0084	0.0082	145.63	0.97803
10 18 1 8 1 o	5.0698	4.9956	181.20	0.97768
7 18 3 8 1 o	43.3812	42.6662	0.75	0.97749
9 3 4 8 1 o	2.0589	2.0090	180.59	0.97744
9 18 2 8 1 o	3644.9216	3581.1414	180.67	0.97728
12 12 1 8 1 o	134.8188	132.2032	1.61	0.97719
5 2 5 8 1 o	1039.5945	1028.3979	0.37	0.97680
6 14 4 8 1 o	1619.7979	1582.0935	0.27	0.97608
8 9 4 8 1 o	46.1291	44.9759	180.28	0.97606
9 14 3 8 1 o	41.4928	40.3159	1.98	0.97527
7 12 4 8 1 o	1808.7484	1753.9613	0.32	0.97518
0 23 3 4 1 o	124.8728	120.1599	0.36	0.97513
3 27 0 4 1 o	541.7025	518.8316	180.28	0.97455
3 25 2 8 1 o	18.2420	17.3794	178.35	0.97397
5 3 5 8 1 o	839.7586	795.8942	180.24	0.97361
8 20 2 8 1 o	81.2527	77.9969	180.31	0.97335
10 11 3 8 1 o	46.1008	44.8771	0.28	0.97332
4 26 1 8 1 o	507.9158	483.9292	1.43	0.97329
9 4 4 8 1 o	129.9167	126.9364	0.87	0.97297
1 23 3 8 1 o	0.2270	0.2164	174.88	0.97252
11 6 3 8 1 o	970.0919	952.0840	0.75	0.97251
13 7 1 8 1 o	140.6736	137.2954	0.91	0.97228
4 7 5 8 1 o	802.7131	776.4501	180.48	0.97170
11 13 2 8 1 o	397.2837	392.2964	180.31	0.97134
2 27 1 8 1 o	2486.8293	2459.2239	0.65	0.97095
10 16 2 8 1 o	894.6750	888.7327	0.43	0.97089
2 10 5 8 1 o	2283.6028	2276.2585	180.43	0.97063
8 22 1 8 1 o	692.3534	701.0054	0.53	0.97001
3 9 5 8 1 o	82.8433	84.9662	2.57	0.96966
9 21 0 4 1 o	5123.0205	5235.6587	0.52	0.96962
4 17 4 8 1 o	744.7529	771.1385	181.23	0.96923
5 4 5 8 1 o	287.4932	297.9072	1.09	0.96920
13 9 0 4 1 o	51.1347	52.7728	0.20	0.96865
0 11 5 4 1 o	65.3725	69.6510	359.80	0.96777
9 5 4 8 1 o	231.3479	238.8933	0.21	0.96733

12 9 2 8 1 o	102.9717	106.7587	0.04	0.96728
5 16 4 8 1 o	928.2305	989.1047	180.32	0.96675
11 16 1 8 1 o	15.0407	15.8929	359.59	0.96615
5 21 3 8 1 o	67.1743	71.5809	180.31	0.96589
3 18 4 8 1 o	527.3074	566.2182	181.64	0.96535
1 11 5 8 1 o	212.7456	228.2449	180.47	0.96522
0 26 2 4 1 o	72.3344	77.1420	0.53	0.96518
2 23 3 8 1 o	599.7990	639.3909	0.06	0.96482
6 23 2 8 1 o	1710.9896	1806.6370	0.65	0.96462
11 7 3 8 1 o	27.4398	28.2921	180.93	0.96440
8 10 4 8 1 o	0.6995	0.7246	178.01	0.96413
5 5 5 8 1 o	2.3764	2.4829	3.39	0.96362
5 24 2 8 1 o	452.4305	469.9949	0.37	0.96351
6 20 3 8 1 o	51.1094	52.7817	180.21	0.96330
0 28 0 2 1 o	874.6551	904.8127	180.24	0.96328
13 8 1 8 1 o	915.8769	937.4758	180.75	0.96294
1 19 4 8 1 o	211.7698	217.0849	0.32	0.96280
1 26 2 8 1 o	230.9681	235.7066	0.28	0.96265
4 8 5 8 1 o	450.2329	456.2398	1.18	0.96238
4 22 3 8 1 o	117.2298	118.3329	179.79	0.96218
11 17 0 4 1 o	2855.1409	2876.7949	180.36	0.96198
12 13 1 8 1 o	2.4117	2.4224	179.93	0.96154
12 14 0 4 1 o	64.6196	64.3934	359.91	0.96107
8 17 3 8 1 o	422.1527	421.2407	180.02	0.96083
9 6 4 8 1 o	1407.3698	1417.7161	0.68	0.96056
7 13 4 8 1 o	50.2790	50.0316	359.65	0.95963
7 22 2 8 1 o	62.2254	61.4264	178.90	0.95948
10 12 3 8 1 o	537.8682	542.0468	180.40	0.95906
3 27 1 8 1 o	768.4525	768.0976	1.33	0.95828
6 15 4 8 1 o	2143.7725	2161.6980	180.53	0.95806
3 10 5 8 1 o	2032.0347	2038.2427	180.67	0.95797
2 11 5 8 1 o	18.8533	19.0697	1.92	0.95770
9 15 3 8 1 o	263.9348	270.8322	180.40	0.95729
5 6 5 8 1 o	180.5033	187.1501	181.19	0.95693
4 25 2 8 1 o	38.2584	40.4136	358.31	0.95620
12 10 2 8 1 o	56.5315	59.2063	180.76	0.95567
2 19 4 8 1 o	3491.1433	3793.5181	0.44	0.95533
11 8 3 8 1 o	3201.3186	3344.7114	0.34	0.95528
2 26 2 8 1 o	205.9932	222.8269	0.30	0.95518
11 14 2 8 1 o	2.5214	2.6754	1.15	0.95477
10 19 1 8 1 o	0.1185	0.1276	359.96	0.95475
7 19 3 8 1 o	2.6319	2.8293	1.16	0.95457
9 19 2 8 1 o	388.5849	417.5178	180.63	0.95438
6 25 1 8 1 o	1793.8802	1956.2489	0.31	0.95412
13 0 2 4 1 o	5004.6562	5257.5762	0.59	0.95405
9 21 1 8 1 o	66.4218	72.0323	1.75	0.95359
13 1 2 8 1 o	1129.4432	1185.5381	180.64	0.95345
2 28 0 4 1 o	537.1529	584.8805	180.17	0.95334
9 7 4 8 1 o	144.6648	151.5415	180.41	0.95273
13 9 1 8 1 o	6938.9087	7337.9839	180.59	0.95267
3 23 3 8 1 o	155.8580	168.1034	180.33	0.95239
4 9 5 8 1 o	649.0156	699.1863	179.85	0.95213
13 2 2 8 1 o	12.7322	13.1812	181.97	0.95167
7 24 1 8 1 o	6.7637	7.1110	181.43	0.95150

8 11 4 8 1 o	11.3276	11.7558	357.61	0.95145
1 12 5 8 1 o	42.4156	44.6093	0.14	0.95132
6 1 5 8 1 o	2.9170	3.0085	180.68	0.95085
10 17 2 8 1 o	62.2956	63.9896	179.28	0.95077
5 26 1 8 1 o	199.8509	205.3329	359.84	0.95067
14 0 0 2 1 o	7433.7622	7583.9722	0.68	0.95048
5 7 5 8 1 o	11.0772	10.8865	1.18	0.94919
6 2 5 8 1 o	583.8168	575.7596	180.52	0.94908
13 3 2 8 1 o	16.2342	16.1649	181.08	0.94872
8 21 2 8 1 o	1467.6888	1431.0159	0.57	0.94836
14 2 0 4 1 o	604.6109	593.4346	180.69	0.94813
4 18 4 8 1 o	115.8406	111.2169	180.52	0.94804
10 20 0 4 1 o	56.3197	54.0109	0.41	0.94720
5 17 4 8 1 o	636.7493	607.6891	180.23	0.94689
11 17 1 8 1 o	1156.8420	1111.8513	180.23	0.94632
6 3 5 8 1 o	3.2528	3.1116	180.63	0.94615
3 11 5 8 1 o	476.1669	450.8464	180.10	0.94553
12 14 1 8 1 o	1079.1464	1041.9053	0.52	0.94545
11 9 3 8 1 o	127.6863	125.4690	1.06	0.94526
1 28 1 8 1 o	848.1325	809.7008	180.41	0.94517
13 4 2 8 1 o	29.8439	29.3669	181.25	0.94464
13 11 0 4 1 o	19.5212	18.9384	181.11	0.94459
10 13 3 8 1 o	257.7922	253.1543	0.61	0.94426
2 12 5 8 1 o	88.7153	84.9296	180.19	0.94411
1 24 3 8 1 o	89.2563	85.5865	0.03	0.94411
9 8 4 8 1 o	103.3296	102.0066	180.50	0.94394
7 14 4 8 1 o	685.1902	670.6597	0.51	0.94364
12 11 2 8 1 o	523.0294	517.8323	180.33	0.94332
3 19 4 8 1 o	108.2761	105.0112	180.99	0.94325
3 26 2 8 1 o	7.0474	6.8835	180.66	0.94311
8 23 1 8 1 o	220.6072	216.5347	0.40	0.94295
6 4 5 8 1 o	1000.9043	999.8965	180.56	0.94210
0 20 4 4 1 o	1115.6086	1110.0018	0.45	0.94209
13 10 1 8 1 o	1311.8323	1328.6898	180.49	0.94158
4 27 1 8 1 o	1.4130	1.4338	184.84	0.94135
14 4 0 4 1 o	326.2388	332.7169	180.96	0.94118
4 10 5 8 1 o	916.3916	936.4478	0.86	0.94105
5 8 5 8 1 o	0.1028	0.1065	135.14	0.94050
5 22 3 8 1 o	1111.4528	1153.5406	180.68	0.94031
8 18 3 8 1 o	216.9590	225.0941	0.20	0.94018
6 16 4 8 1 o	91.5090	95.6437	180.62	0.93985
1 20 4 8 1 o	42.3605	44.6118	180.54	0.93974
6 26 0 4 1 o	838.6741	881.4869	180.22	0.93967
13 5 2 8 1 o	462.9392	483.4243	180.73	0.93947
0 13 5 4 1 o	444.5314	472.3832	180.27	0.93919
9 16 3 8 1 o	113.5358	119.4053	179.22	0.93913
6 21 3 8 1 o	195.7273	207.0782	180.37	0.93906
7 25 0 4 1 o	3665.6619	3917.8240	0.37	0.93830
8 12 4 8 1 o	772.6109	820.7515	180.34	0.93812
2 28 1 8 1 o	2341.1968	2505.8938	180.49	0.93810
11 15 2 8 1 o	84.9911	90.5179	181.30	0.93788
2 24 3 8 1 o	763.7421	822.4861	0.28	0.93706
6 5 5 8 1 o	48.4429	52.0884	1.31	0.93697
12 1 3 8 1 o	14.4659	15.4184	180.05	0.93695

6 24 2 8 1 o	310.8685	334.5417	0.19	0.93687
1 13 5 8 1 o	4.7463	5.1164	358.68	0.93686
10 0 4 4 1 o	2105.3303	2263.0754	0.18	0.93592
4 23 3 8 1 o	8.1583	8.8338	177.89	0.93576
10 1 4 8 1 o	1.5306	1.6524	353.42	0.93535
12 2 3 8 1 o	520.3895	561.6264	180.25	0.93526
5 27 0 4 1 o	21.6498	23.5426	180.79	0.93525
14 1 1 8 1 o	72.4603	78.9400	0.38	0.93481
5 25 2 8 1 o	12.5613	13.7365	358.21	0.93473
11 10 3 8 1 o	80.9368	88.2618	0.75	0.93442
9 9 4 8 1 o	272.9183	298.4223	0.26	0.93426
10 2 4 8 1 o	2.1276	2.3278	183.44	0.93367
7 23 2 8 1 o	905.6322	1009.9768	0.70	0.93327
13 6 2 8 1 o	6330.8271	6978.1201	0.35	0.93326
14 2 1 8 1 o	702.9675	778.5309	180.10	0.93313
2 20 4 8 1 o	193.3905	218.5527	0.16	0.93278
12 3 3 8 1 o	940.4773	1036.4363	180.77	0.93246
3 12 5 8 1 o	1261.8156	1434.0911	0.51	0.93244
10 20 1 8 1 o	1232.3839	1392.3892	180.34	0.93224
7 20 3 8 1 o	15.2618	17.2468	1.83	0.93207
9 20 2 8 1 o	8.1903	9.2650	182.07	0.93189
1 27 2 8 1 o	100.7944	115.2240	0.46	0.93172
8 24 0 4 1 o	4010.7783	4600.4473	0.40	0.93121
5 9 5 8 1 o	14.3108	16.5344	181.41	0.93092
10 3 4 8 1 o	2652.3921	2949.7825	0.56	0.93089
6 6 5 8 1 o	154.6667	177.3417	0.51	0.93082
10 18 2 8 1 o	159.4329	181.3221	181.54	0.93075
14 3 1 8 1 o	0.9669	1.0905	175.20	0.93035
12 12 2 8 1 o	891.2466	1005.0663	0.61	0.93032
2 13 5 8 1 o	210.0685	244.3972	0.36	0.92997
14 6 0 4 1 o	647.8118	734.8392	0.85	0.92992
13 11 1 8 1 o	88.4994	100.4697	1.11	0.92976
4 11 5 8 1 o	36.3889	42.3272	359.68	0.92925
12 15 1 8 1 o	434.6484	495.1002	180.72	0.92905
10 14 3 8 1 o	480.3526	540.3384	0.22	0.92901
9 22 1 8 1 o	48.0073	55.1537	180.45	0.92895
12 4 3 8 1 o	387.4954	428.7375	0.24	0.92859
1 29 0 4 1 o	251.5532	286.9256	179.99	0.92780
7 15 4 8 1 o	544.2587	610.0180	180.22	0.92732
5 18 4 8 1 o	1871.0781	2110.7546	0.38	0.92710
4 19 4 8 1 o	2270.9673	2571.3716	180.73	0.92709
10 4 4 8 1 o	23.4492	25.6707	359.08	0.92703
4 26 2 8 1 o	24.5270	27.5970	179.67	0.92696
3 28 1 8 1 o	73.2870	81.9502	1.13	0.92665
11 18 1 8 1 o	12.0966	13.4221	359.72	0.92657
14 4 1 8 1 o	1180.9137	1296.4583	180.69	0.92650
12 16 0 4 1 o	436.7036	483.2090	180.71	0.92643
13 7 2 8 1 o	571.6161	621.2706	0.25	0.92608
3 24 3 8 1 o	387.2688	423.0842	180.67	0.92565
4 28 0 4 1 o	966.9520	1044.8723	0.18	0.92527
6 26 1 8 1 o	3349.5149	3598.2998	180.65	0.92506
2 27 2 8 1 o	166.8178	178.6446	0.20	0.92494
8 13 4 8 1 o	727.2612	768.3558	180.58	0.92425
8 22 2 8 1 o	91.1551	95.8037	0.94	0.92412

9 10 4 8 1 o	53.1647	55.8456	0.82	0.92379
7 25 1 8 1 o	0.2266	0.2358	190.71	0.92375
6 7 5 8 1 o	0.2356	0.2453	180.68	0.92369
12 5 3 8 1 o	38.9396	40.9068	0.32	0.92367
11 11 3 8 1 o	20.0154	20.8218	181.07	0.92286
10 5 4 8 1 o	24.8930	25.8134	180.42	0.92214
1 14 5 8 1 o	13.2671	13.3979	1.04	0.92196
14 5 1 8 1 o	1.8681	1.9216	357.29	0.92162
6 17 4 8 1 o	4435.8887	4519.0469	0.62	0.92157
3 20 4 8 1 o	466.8571	471.0551	0.36	0.92153
9 17 3 8 1 o	316.2491	324.2573	0.30	0.92089
5 27 1 8 1 o	394.6034	400.9394	180.62	0.92084
11 16 2 8 1 o	18.6780	19.1510	0.29	0.92078
7 1 5 8 1 o	171.4307	175.4832	180.09	0.92078
11 19 0 4 1 o	111.7337	113.9147	180.33	0.92074
5 10 5 8 1 o	152.3307	154.5181	1.69	0.92056
8 19 3 8 1 o	287.5690	295.4849	359.98	0.91973
7 2 5 8 1 o	321.6001	331.6506	180.52	0.91917
0 25 3 4 1 o	2186.6694	2247.4768	180.38	0.91917
3 13 5 8 1 o	40.4541	41.7278	180.17	0.91882
9 23 0 4 1 o	1168.1155	1206.6488	180.54	0.91878
13 8 2 8 1 o	774.2037	804.2404	0.14	0.91800
13 13 0 4 1 o	51.0268	53.0582	2.43	0.91796
12 6 3 8 1 o	11.1800	11.6323	0.75	0.91777
13 12 1 8 1 o	0.3403	0.3551	354.38	0.91731
1 21 4 8 1 o	192.6677	201.8460	0.43	0.91719
8 24 1 8 1 o	2231.6145	2338.0891	180.53	0.91698
1 25 3 8 1 o	258.0953	270.6496	0.38	0.91698
4 12 5 8 1 o	1.4442	1.5163	180.94	0.91682
12 13 2 8 1 o	60.4159	63.1686	1.40	0.91679
7 3 5 8 1 o	85.7640	89.9136	180.78	0.91651
10 6 4 8 1 o	0.8050	0.8426	184.82	0.91627
0 29 1 4 1 o	304.6007	320.8643	180.46	0.91589
14 6 1 8 1 o	197.2106	207.2604	180.53	0.91576
6 8 5 8 1 o	2059.2190	2170.6506	180.63	0.91567
5 23 3 8 1 o	371.4029	391.7326	0.25	0.91560
6 22 3 8 1 o	23.4851	24.7767	180.98	0.91550
2 14 5 8 1 o	6.2938	6.6477	183.82	0.91540
14 8 0 4 1 o	455.3304	481.5597	0.12	0.91482
3 27 2 8 1 o	203.5488	217.6643	0.37	0.91396
1 29 1 8 1 o	19.0019	20.3767	0.60	0.91373
10 15 3 8 1 o	345.1752	368.2595	1.50	0.91343
7 4 5 8 1 o	719.2607	775.3878	180.69	0.91283
9 11 4 8 1 o	17.1395	18.3580	0.72	0.91262
12 16 1 8 1 o	1498.2664	1623.3418	180.23	0.91242
4 28 1 8 1 o	1274.4789	1412.0016	0.88	0.91132
12 7 3 8 1 o	900.1359	958.6826	0.43	0.91094
10 19 2 8 1 o	8.0997	8.8538	1.94	0.91090
7 16 4 8 1 o	882.3079	965.9365	0.34	0.91078
2 21 4 8 1 o	323.0478	362.8022	180.46	0.91072
11 12 3 8 1 o	364.9413	391.4310	1.03	0.91068
2 25 3 8 1 o	386.7874	432.4678	180.61	0.91052
4 24 3 8 1 o	0.6305	0.7018	187.44	0.91036
6 25 2 8 1 o	1209.2007	1339.5931	0.51	0.91035

3 29 0 4 1 o	11.4426	12.7116 359.85 0.91027
10 21 1 8 1 o	51.0218	56.2497 359.42 0.91022
7 21 3 8 1 o	17.9641	19.7267 359.94 0.91006
8 14 4 8 1 o	98.8003	106.9607 180.41 0.90994
9 21 2 8 1 o	845.2200	925.7236 0.58 0.90989
5 11 5 8 1 o	179.4700	199.9363 179.90 0.90951
10 7 4 8 1 o	35.1128	37.1433 181.40 0.90947
13 9 2 8 1 o	220.0321	233.5085 180.31 0.90910
14 7 1 8 1 o	980.6870	1046.5366 180.44 0.90897
0 15 5 4 1 o	1257.2671	1392.7810 0.73 0.90884
7 5 5 8 1 o	1.7780	1.8914 185.86 0.90816
7 24 2 8 1 o	717.0198	769.8527 0.48 0.90807
5 19 4 8 1 o	105.9264	112.5984 1.01 0.90748
5 26 2 8 1 o	331.9217	351.1299 0.19 0.90735
2 29 1 8 1 o	742.6354	786.0610 180.32 0.90734
11 19 1 8 1 o	42.2051	43.7852 0.77 0.90698
6 9 5 8 1 o	3523.7639	3656.4932 180.32 0.90683
1 15 5 8 1 o	1886.0422	1974.0316 180.57 0.90673
4 20 4 8 1 o	11.2277	11.5838 1.56 0.90644
9 23 1 8 1 o	2.3135	2.2433 176.18 0.90511
3 14 5 8 1 o	1951.0060	1867.6240 180.56 0.90475
0 28 2 4 1 o	38.8970	36.9878 0.07 0.90465
13 13 1 8 1 o	2.3664	2.2183 175.41 0.90432
4 13 5 8 1 o	433.3008	396.3476 180.43 0.90386
11 17 2 8 1 o	1097.6865	1000.9717 0.56 0.90357
6 18 4 8 1 o	1092.4789	979.6558 180.34 0.90330
12 8 3 8 1 o	257.9555	235.7644 180.19 0.90325
12 14 2 8 1 o	374.9105	334.8073 180.40 0.90282
9 18 3 8 1 o	10.5102	9.3019 0.44 0.90266
1 28 2 8 1 o	37.6252	32.6371 180.05 0.90257
7 6 5 8 1 o	3093.3284	2718.5337 0.54 0.90255
10 8 4 8 1 o	0.0687	0.0606 189.38 0.90181
10 22 0 4 1 o	82.3944	69.8910 181.23 0.90165
14 8 1 8 1 o	812.5287	701.0741 180.82 0.90133
9 12 4 8 1 o	1408.8829	1213.5392 180.61 0.90084
8 23 2 8 1 o	243.6152	204.2732 181.07 0.90064
2 15 5 8 1 o	1594.0874	1311.7762 180.73 0.90048
3 21 4 8 1 o	0.1291	0.1062 357.71 0.90024
3 25 3 8 1 o	1.4849	1.2280 182.64 0.90004
8 20 3 8 1 o	542.0466	455.7085 180.12 0.89956
13 10 2 8 1 o	29.8154	25.4858 180.11 0.89944
4 27 2 8 1 o	0.3182	0.2647 359.24 0.89924
0 30 0 2 1 o	3479.5659	2898.5002 0.52 0.89907
11 13 3 8 1 o	81.2668	69.4321 180.35 0.89797
5 12 5 8 1 o	404.1560	338.3081 180.82 0.89784
10 16 3 8 1 o	178.3459	151.5994 180.01 0.89761
6 27 1 8 1 o	1094.8969	919.2849 0.24 0.89750
7 26 1 8 1 o	4140.4624	3477.3821 0.56 0.89730
6 10 5 8 1 o	2921.3540	2455.5500 180.60 0.89725
0 22 4 4 1 o	30.9041	25.8853 179.74 0.89724
3 29 1 8 1 o	471.9955	396.0461 180.36 0.89697
14 10 0 4 1 o	55.8687	47.2376 179.99 0.89645
2 28 2 8 1 o	386.0026	322.7661 180.06 0.89640
7 7 5 8 1 o	122.2727	102.9320 180.85 0.89605



12 17 1 8 1 o	12.4987	10.4962	180.39	0.89566
8 15 4 8 1 o	1671.4972	1411.2784	0.70	0.89528
1 22 4 8 1 o	187.4559	154.0934	0.16	0.89520
12 9 3 8 1 o	1692.7422	1461.4261	180.99	0.89476
7 17 4 8 1 o	3291.0137	2764.1018	180.52	0.89412
14 0 2 4 1 o	360.2824	312.3341	0.70	0.89402
14 1 2 8 1 o	999.5056	872.2318	0.73	0.89353
10 9 4 8 1 o	73.0521	63.8973	0.31	0.89336
14 9 1 8 1 o	2.9298	2.5472	1.91	0.89289
5 28 1 8 1 o	1097.5413	933.4415	180.72	0.89267
6 23 3 8 1 o	54.6230	46.7286	181.31	0.89266
14 2 2 8 1 o	519.5992	468.6873	180.61	0.89207
8 25 1 8 1 o	702.7820	613.2827	0.66	0.89207
5 24 3 8 1 o	37.9587	33.5593	1.64	0.89177
12 18 0 4 1 o	2373.1741	2152.3594	0.93	0.89136
10 20 2 8 1 o	4.2054	3.8381	358.48	0.89129
1 16 5 8 1 o	354.1227	320.1466	0.28	0.89125
1 26 3 8 1 o	5636.9370	5153.6714	180.43	0.89109
2 30 0 4 1 o	1619.7048	1495.0870	180.51	0.89097
13 14 1 8 1 o	76.9479	71.6634	181.43	0.89091
11 0 4 4 1 o	800.9256	756.4344	181.74	0.89079
4 14 5 8 1 o	508.3592	484.0248	0.84	0.89046
3 15 5 8 1 o	1377.9963	1322.4594	0.50	0.89034
11 1 4 8 1 o	457.1830	438.8503	0.43	0.89030
14 3 2 8 1 o	182.6488	179.8608	0.67	0.88964
13 15 0 4 1 o	610.5241	609.5063	0.59	0.88956
8 1 5 8 1 o	46.0828	46.1001	179.34	0.88939
2 22 4 8 1 o	1.0867	1.1267	184.33	0.88919
13 11 2 8 1 o	7.0889	7.1546	358.99	0.88912
11 2 4 8 1 o	106.7757	107.6952	0.41	0.88885
7 8 5 8 1 o	9183.2979	9561.8916	180.49	0.88873
10 22 1 8 1 o	163.0535	171.1968	0.19	0.88872
7 22 3 8 1 o	367.7881	388.0241	0.87	0.88857
9 13 4 8 1 o	74.2187	76.8718	180.16	0.88853
12 15 2 8 1 o	927.9774	966.7259	0.58	0.88850
9 22 2 8 1 o	63.9018	67.8302	359.11	0.88842
5 20 4 8 1 o	66.0168	72.1049	180.93	0.88809
8 2 5 8 1 o	285.0454	303.1648	0.58	0.88794
11 20 1 8 1 o	0.0387	0.0426	162.32	0.88762
6 11 5 8 1 o	290.4626	330.0023	0.52	0.88700
15 1 0 4 1 o	6650.7324	7371.3184	0.52	0.88664
11 3 4 8 1 o	1374.6481	1480.6917	180.37	0.88645
3 28 2 8 1 o	363.5303	423.3229	0.20	0.88640
11 18 2 8 1 o	644.2673	726.9274	1.46	0.88633
14 4 2 8 1 o	13.2408	14.5082	182.06	0.88627
4 21 4 8 1 o	1024.9353	1210.1398	0.49	0.88616
4 25 3 8 1 o	950.2609	1117.8214	180.35	0.88597
5 13 5 8 1 o	479.6321	572.0020	0.37	0.88566
12 10 3 8 1 o	142.2119	157.0982	0.15	0.88555
8 3 5 8 1 o	246.3622	278.4647	180.83	0.88555
2 16 5 8 1 o	265.0570	318.7006	180.48	0.88531
2 26 3 8 1 o	304.9443	363.8267	180.31	0.88516
6 19 4 8 1 o	3326.3535	3898.4224	0.64	0.88512
6 26 2 8 1 o	53.5364	63.0924	0.57	0.88501

11 14 3 8 1 o	467.8198	526.0496	0.53	0.88483
9 19 3 8 1 o	168.5215	193.3605	180.33	0.88451
7 27 0 4 1 o	55.4888	65.4195	180.73	0.88430
1 30 1 8 1 o	11.7230	13.8142	0.17	0.88428
10 10 4 8 1 o	468.9566	523.6056	0.30	0.88420
7 25 2 8 1 o	799.6707	931.7592	0.46	0.88386
13 1 3 8 1 o	13.6516	15.0269	179.76	0.88378
14 10 1 8 1 o	638.6730	724.7454	180.83	0.88374
6 28 0 4 1 o	297.3452	346.6717	180.46	0.88354
11 4 4 8 1 o	135.3627	148.8901	0.06	0.88312
4 29 1 8 1 o	43.5325	50.2236	359.82	0.88304
15 3 0 4 1 o	73.9199	82.9488	180.47	0.88283
13 2 3 8 1 o	43.9473	48.0718	179.88	0.88236
8 4 5 8 1 o	122.3120	136.1326	179.56	0.88223
9 24 1 8 1 o	103.9264	117.1033	1.21	0.88207
14 5 2 8 1 o	729.9360	802.4491	0.76	0.88199
10 17 3 8 1 o	274.3384	302.8526	180.20	0.88165
5 27 2 8 1 o	13.3997	14.8836	179.21	0.88131
7 9 5 8 1 o	1805.2323	1971.7131	180.43	0.88064
11 21 0 4 1 o	565.5129	618.7175	180.91	0.88061
8 16 4 8 1 o	2644.5876	2871.9260	180.39	0.88038
8 26 0 4 1 o	449.6267	488.9909	0.01	0.88022
13 3 3 8 1 o	35.0566	37.6294	180.95	0.88001
8 21 3 8 1 o	143.2212	154.3150	0.87	0.87972
3 22 4 8 1 o	115.5823	123.9379	179.89	0.87942
11 5 4 8 1 o	200.5903	213.7455	0.08	0.87889
12 18 1 8 1 o	0.1750	0.1868	5.68	0.87886
2 30 1 8 1 o	136.5793	145.2261	0.55	0.87848
13 12 2 8 1 o	813.6801	865.7024	180.62	0.87821
8 5 5 8 1 o	73.2560	77.9188	180.59	0.87801
5 29 0 4 1 o	2190.5706	2326.4668	0.30	0.87800
8 24 2 8 1 o	952.3313	1012.5082	0.54	0.87793
0 0 6 2 1 o	21258.0938	22540.4727	180.54	0.87774
0 17 5 4 1 o	208.6442	221.5300	359.98	0.87752
7 18 4 8 1 o	156.8654	167.0247	1.35	0.87740
13 15 1 8 1 o	1386.2994	1477.0945	180.68	0.87714
14 6 2 8 1 o	936.1208	994.1919	0.47	0.87685
13 4 3 8 1 o	321.9828	341.0915	181.02	0.87675
4 15 5 8 1 o	182.0184	195.0723	0.80	0.87671
6 12 5 8 1 o	107.5528	115.8109	0.57	0.87617
0 2 6 4 1 o	435.4915	472.7523	180.34	0.87588
1 0 6 4 1 o	1208.1700	1312.5186	180.72	0.87583
9 14 4 8 1 o	519.3998	554.5226	180.44	0.87580
12 11 3 8 1 o	1.4864	1.5785	178.14	0.87569
3 16 5 8 1 o	8.9056	9.6966	358.25	0.87568
1 17 5 8 1 o	236.1839	257.3761	180.37	0.87562
3 26 3 8 1 o	79.3987	86.3355	1.68	0.87553
14 12 0 4 1 o	4266.5649	4584.8950	180.40	0.87543
1 1 6 8 1 o	3474.8176	3798.0454	180.43	0.87537
15 5 0 4 1 o	2738.4482	2931.3809	0.62	0.87536
1 29 2 8 1 o	649.5433	708.0875	180.22	0.87507
10 11 4 8 1 o	398.5056	422.2263	0.52	0.87439
15 1 1 8 1 o	8.7680	9.3276	0.72	0.87433
1 2 6 8 1 o	127.0744	139.3017	0.79	0.87399

14 11 1 8 1 o	60.9532	64.9978	359.76	0.87394
12 16 2 8 1 o	711.8969	758.8334	0.25	0.87392
1 23 4 8 1 o	65.7344	71.9165	180.28	0.87381
11 6 4 8 1 o	1086.1742	1139.3146	180.84	0.87380
5 14 5 8 1 o	1317.8093	1417.8687	0.59	0.87304
15 2 1 8 1 o	106.6555	111.8207	0.26	0.87296
4 28 2 8 1 o	676.3012	722.7483	0.23	0.87295
8 6 5 8 1 o	52.5630	55.2738	181.32	0.87294
13 5 3 8 1 o	0.4542	0.4698	176.19	0.87261
7 27 1 8 1 o	587.8400	613.3314	180.75	0.87209
10 21 2 8 1 o	1994.1898	2066.4939	180.54	0.87199
7 10 5 8 1 o	3362.1907	3472.6548	180.59	0.87185
1 3 6 8 1 o	77.3062	79.8767	0.60	0.87171
9 25 0 4 1 o	35.9271	36.8543	358.34	0.87152
6 28 1 8 1 o	2368.4573	2418.2952	180.72	0.87136
11 15 3 8 1 o	168.6432	171.6740	0.58	0.87134
14 7 2 8 1 o	64.5161	65.1111	0.26	0.87089
15 3 1 8 1 o	58.0113	58.3474	178.85	0.87068
6 24 3 8 1 o	253.8805	253.7569	0.62	0.87053
0 4 6 4 1 o	241.3102	239.4581	0.13	0.87039
2 0 6 4 1 o	486.0077	480.2101	1.38	0.87020
2 17 5 8 1 o	28.2941	27.8442	180.15	0.86998
2 1 6 8 1 o	459.5666	450.6000	180.42	0.86975
2 29 2 8 1 o	239.4989	234.7131	0.06	0.86945
11 19 2 8 1 o	53.8398	52.8555	180.08	0.86914
3 30 1 8 1 o	107.3846	104.9057	180.42	0.86907
5 21 4 8 1 o	173.9555	169.8007	0.58	0.86898
5 25 3 8 1 o	2.5235	2.4612	0.88	0.86881
11 21 1 8 1 o	260.4211	253.8698	181.15	0.86855
1 4 6 8 1 o	79.6218	77.4005	179.66	0.86854
2 2 6 8 1 o	490.1660	476.2780	180.14	0.86839
0 27 3 4 1 o	13307.6445	12926.5957	180.63	0.86823
2 23 4 8 1 o	284.9921	276.7592	1.02	0.86821
1 31 0 4 1 o	6.2889	6.1109	2.07	0.86821
8 26 1 8 1 o	3024.5300	2938.6980	0.56	0.86818
4 30 0 4 1 o	1293.3586	1254.4786	0.44	0.86793
11 7 4 8 1 o	40.8151	39.6951	0.15	0.86790
10 23 1 8 1 o	285.6187	276.7326	180.34	0.86777
7 23 3 8 1 o	156.9965	151.9309	180.24	0.86764
13 6 3 8 1 o	680.5552	660.1240	180.69	0.86763
15 4 1 8 1 o	736.3013	712.1558	0.49	0.86752
9 23 2 8 1 o	56.8360	54.9239	180.63	0.86749
6 20 4 8 1 o	87.4026	84.0946	0.94	0.86710
8 7 5 8 1 o	184.7045	177.6473	180.57	0.86705
13 13 2 8 1 o	224.9951	215.7834	0.85	0.86680
9 20 3 8 1 o	257.6181	245.9399	180.69	0.86653
1 27 3 8 1 o	373.9680	355.9888	180.72	0.86639
4 22 4 8 1 o	269.0970	255.6170	180.28	0.86628
2 3 6 8 1 o	644.1850	610.3231	0.44	0.86615
5 29 1 8 1 o	0.3603	0.3406	10.88	0.86604
10 18 3 8 1 o	1.1744	1.1066	359.65	0.86561
8 17 4 8 1 o	3330.7178	3117.7478	180.57	0.86530
12 12 3 8 1 o	8.9443	8.4317	179.45	0.86527
6 13 5 8 1 o	164.7362	151.8223	0.68	0.86484

1 5 6 8 1 o	106.2938	96.6380 180.95 0.86451
15 7 0 4 1 o	2002.0156	1857.7367 0.19 0.86450
14 8 2 8 1 o	418.2617	389.7869 0.15 0.86416
10 12 4 8 1 o	19.1402	17.8146 0.81 0.86401
14 12 1 8 1 o	141.6115	130.3228 180.69 0.86358
15 5 1 8 1 o	459.5425	424.9324 180.92 0.86351
13 16 1 8 1 o	9.8162	8.9895 180.31 0.86310
2 4 6 8 1 o	2.6612	2.3868 179.55 0.86304
9 15 4 8 1 o	25.7058	23.7423 359.57 0.86271
4 16 5 8 1 o	115.0873	103.5652 1.09 0.86270
4 26 3 8 1 o	93.4358	84.7569 0.68 0.86255
7 11 5 8 1 o	19.6677	18.0319 358.45 0.86244
12 19 1 8 1 o	16.0824	14.8002 359.49 0.86209
13 7 3 8 1 o	57.0820	53.4565 0.74 0.86185
0 6 6 4 1 o	372.6303	344.7094 181.51 0.86147
11 8 4 8 1 o	995.4672	934.8776 0.27 0.86124
3 0 6 4 1 o	45.2393	42.3258 177.91 0.86104
2 27 3 8 1 o	1082.6339	1014.8408 1.32 0.86093
3 17 5 8 1 o	1.3960	1.3125 2.15 0.86083
6 27 2 8 1 o	75.6387	71.0230 0.14 0.86079
7 19 4 8 1 o	297.5287	279.3806 180.64 0.86071
7 26 2 8 1 o	41.1855	38.7646 0.16 0.86061
3 1 6 8 1 o	308.0534	291.0267 1.06 0.86060
8 8 5 8 1 o	1904.7633	1792.4154 0.52 0.86041
3 29 2 8 1 o	6.1450	5.8116 181.41 0.86032
8 22 3 8 1 o	510.1247	481.0264 0.30 0.86027
13 17 0 4 1 o	942.9425	890.0024 180.08 0.86013
5 15 5 8 1 o	404.6330	384.4174 180.31 0.86007
1 18 5 8 1 o	253.1570	241.1066 180.35 0.85990
9 25 1 8 1 o	53.5240	50.6990 179.76 0.85983
1 6 6 8 1 o	207.2923	197.4617 180.91 0.85967
3 2 6 8 1 o	185.6199	176.3983 359.75 0.85929
12 17 2 8 1 o	62.3710	58.7590 0.98 0.85916
3 23 4 8 1 o	234.6932	222.4890 180.72 0.85911
2 5 6 8 1 o	186.7569	177.0390 180.54 0.85909
15 6 1 8 1 o	116.5474	109.5531 0.39 0.85869
10 24 0 4 1 o	4386.0625	4115.0293 180.59 0.85859
0 31 1 4 1 o	550.5266	515.0989 0.24 0.85843
11 16 3 8 1 o	600.0828	560.1833 180.36 0.85757
9 1 5 8 1 o	65.2901	61.0475 0.14 0.85743
3 3 6 8 1 o	5.4502	4.9531 180.67 0.85712
14 9 2 8 1 o	8.2442	7.7001 0.48 0.85672
1 31 1 8 1 o	360.5531	328.4525 0.11 0.85665
12 20 0 4 1 o	19.4022	17.7717 359.74 0.85652
5 28 2 8 1 o	0.7125	0.6490 183.23 0.85652
4 30 1 8 1 o	108.5875	98.8363 181.14 0.85638
9 2 5 8 1 o	6.4674	6.0446 177.42 0.85613
8 25 2 8 1 o	298.6163	273.4942 180.77 0.85599
13 8 3 8 1 o	132.9513	125.8905 359.81 0.85533
13 14 2 8 1 o	406.6627	382.8826 0.47 0.85496
0 24 4 4 1 o	48.4766	44.8892 179.32 0.85478
2 18 5 8 1 o	296.3413	276.2061 180.20 0.85456
12 13 3 8 1 o	28.3427	27.0589 0.53 0.85434
2 6 6 8 1 o	21.1720	19.8743 4.32 0.85434

3 4 6 8 1 o	28.8030	27.2386	180.94	0.85411
1 7 6 8 1 o	269.1055	254.9458	180.34	0.85405
9 3 5 8 1 o	1.4514	1.3924	9.73	0.85398
11 9 4 8 1 o	86.7031	83.6043	180.05	0.85387
3 31 0 4 1 o	160.4365	153.3100	181.21	0.85379
10 13 4 8 1 o	37.6802	36.6881	180.13	0.85313
15 7 1 8 1 o	845.0741	822.7034	180.63	0.85308
6 14 5 8 1 o	1201.9517	1168.6396	180.59	0.85308
8 9 5 8 1 o	8551.3623	8322.9834	180.49	0.85306
10 22 2 8 1 o	47.4094	46.1424	359.97	0.85303
1 24 4 8 1 o	834.8467	813.7200	1.16	0.85302
14 13 1 8 1 o	41.0992	40.2531	181.02	0.85272
7 12 5 8 1 o	1520.0593	1494.8768	0.72	0.85248
14 14 0 4 1 o	204.6941	201.6219	1.16	0.85239
11 20 2 8 1 o	465.8011	461.4287	180.16	0.85206
3 27 3 8 1 o	26.7562	26.5087	1.64	0.85206
2 31 1 8 1 o	29.9139	29.9459	0.90	0.85137
9 4 5 8 1 o	52.0454	52.5090	0.87	0.85100
0 30 2 4 1 o	5.3345	5.3881	176.26	0.85084
15 9 0 4 1 o	64.5607	65.5896	179.90	0.85063
3 5 6 8 1 o	482.9802	493.2312	0.81	0.85028
5 22 4 8 1 o	245.6315	251.4753	180.63	0.85022
8 18 4 8 1 o	1267.6250	1301.4768	180.59	0.85012
11 22 1 8 1 o	2.2833	2.3625	358.29	0.84981
10 19 3 8 1 o	162.4708	168.8289	0.66	0.84957
0 8 6 4 1 o	18.6627	19.5570	180.57	0.84942
9 16 4 8 1 o	366.1229	382.1767	180.32	0.84934
6 21 4 8 1 o	892.7253	937.4581	180.72	0.84929
6 25 3 8 1 o	738.2037	779.1412	180.68	0.84913
1 30 2 8 1 o	4.0042	4.2350	354.02	0.84910
13 17 1 8 1 o	283.4244	300.0718	180.06	0.84888
2 7 6 8 1 o	43.3293	46.4008	180.28	0.84882
9 21 3 8 1 o	7.5599	8.0257	1.16	0.84876
4 0 6 4 1 o	6199.6650	6669.7051	180.54	0.84869
14 10 2 8 1 o	454.1404	479.6690	180.27	0.84862
4 17 5 8 1 o	62.6140	67.8391	0.04	0.84849
4 1 6 8 1 o	126.4930	138.0802	0.94	0.84827
12 0 4 4 1 o	1706.2081	1797.5820	0.63	0.84815
13 9 3 8 1 o	40.9737	43.4106	181.62	0.84811
7 28 1 8 1 o	366.5389	399.8149	0.64	0.84805
4 29 2 8 1 o	224.0317	244.8408	0.38	0.84800
2 24 4 8 1 o	88.3949	97.8262	180.94	0.84781
12 1 4 8 1 o	62.8848	66.6035	181.01	0.84773
1 8 6 8 1 o	31.9401	35.4468	179.67	0.84770
10 24 1 8 1 o	391.7198	431.6306	0.98	0.84741
7 24 3 8 1 o	3074.5286	3387.4802	180.50	0.84728
9 5 5 8 1 o	29.0313	31.3468	178.90	0.84722
9 24 2 8 1 o	976.7816	1076.7982	180.71	0.84714
4 2 6 8 1 o	503.9674	565.6949	0.26	0.84702
4 23 4 8 1 o	1830.2869	2048.2888	180.68	0.84685
5 16 5 8 1 o	30.7596	34.4695	1.50	0.84683
15 8 1 8 1 o	214.0562	233.0478	180.16	0.84675
5 26 3 8 1 o	3882.2185	4323.8481	180.78	0.84669
6 29 1 8 1 o	1135.0245	1265.1050	180.40	0.84655

12 2 4 8 1 o	175.6994	188.1275	179.91	0.84648
3 18 5 8 1 o	10.4180	11.6686	180.85	0.84589
0 19 5 4 1 o	0.3952	0.4426	0.30	0.84588
11 10 4 8 1 o	405.8168	438.2550	180.35	0.84585
3 6 6 8 1 o	179.4287	200.4281	0.71	0.84567
12 20 1 8 1 o	546.2272	601.2088	0.39	0.84542
8 27 1 8 1 o	943.6678	1042.4935	0.67	0.84528
8 10 5 8 1 o	655.6744	716.0044	0.70	0.84507
4 3 6 8 1 o	523.0840	577.7535	180.66	0.84494
12 3 4 8 1 o	629.7615	676.8401	180.76	0.84440
12 18 2 8 1 o	1622.2462	1764.0452	0.98	0.84430
1 19 5 8 1 o	62.2559	67.9599	180.04	0.84417
7 20 4 8 1 o	227.0007	247.1297	0.59	0.84412
2 30 2 8 1 o	13.3557	14.5400	182.97	0.84397
11 17 3 8 1 o	138.2139	149.5494	180.38	0.84362
12 14 3 8 1 o	8.3079	8.9658	0.66	0.84300
0 32 0 2 1 o	12.8955	13.9730	180.66	0.84287
1 28 3 8 1 o	449.1351	486.4719	180.46	0.84280
3 31 1 8 1 o	5.9970	6.4988	359.35	0.84279
13 15 2 8 1 o	153.2663	165.7481	0.66	0.84277
9 6 5 8 1 o	485.1423	524.0174	180.88	0.84266
2 8 6 8 1 o	290.8544	315.0811	180.05	0.84258
4 4 6 8 1 o	385.2006	419.2478	0.44	0.84205
7 13 5 8 1 o	903.1902	982.0472	180.43	0.84203
11 23 0 4 1 o	148.4025	161.5364	180.83	0.84200
10 14 4 8 1 o	280.7843	303.8225	0.45	0.84184
12 4 4 8 1 o	35.5062	38.1807	180.11	0.84152
14 14 1 8 1 o	1231.2003	1340.1920	180.69	0.84144
8 23 3 8 1 o	92.4871	101.2018	179.31	0.84123
6 15 5 8 1 o	67.3239	74.1199	180.23	0.84097
5 30 1 8 1 o	25.8804	28.5475	0.85	0.84085
15 0 2 4 1 o	1280.0724	1384.2499	180.61	0.84069
1 9 6 8 1 o	62.9377	69.9004	180.37	0.84067
3 7 6 8 1 o	233.1642	259.8664	0.72	0.84032
15 1 2 8 1 o	21.9162	23.7007	179.11	0.84028
13 10 3 8 1 o	3.1739	3.4285	354.43	0.84025
4 27 3 8 1 o	660.4297	732.7458	181.10	0.84009
14 11 2 8 1 o	209.9141	227.8195	180.08	0.83993
15 9 1 8 1 o	2932.7439	3193.0354	0.53	0.83975
3 24 4 8 1 o	24.9995	27.7684	183.88	0.83934
2 19 5 8 1 o	6.6387	7.3572	181.25	0.83912
15 2 2 8 1 o	192.7852	207.5307	0.99	0.83906
4 5 6 8 1 o	244.5821	266.6820	0.67	0.83838
9 26 1 8 1 o	984.1273	1068.3534	0.25	0.83838
7 27 2 8 1 o	40.8567	44.2672	0.44	0.83829
12 5 4 8 1 o	198.0426	210.4304	180.94	0.83786
2 28 3 8 1 o	32.5296	34.9145	180.62	0.83778
6 28 2 8 1 o	95.4044	102.0909	359.99	0.83764
9 7 5 8 1 o	883.8568	939.8489	0.40	0.83736
11 11 4 8 1 o	1.3252	1.4053	359.55	0.83725
15 3 2 8 1 o	760.4658	805.3519	0.21	0.83704
8 11 5 8 1 o	12.7950	13.5203	0.27	0.83649
2 32 0 4 1 o	313.6592	330.0929	179.95	0.83619
9 17 4 8 1 o	543.9773	573.9284	180.48	0.83578

2 9 6 8 1 o	146.5093	154.0220	0.20	0.83568
3 30 2 8 1 o	18.5850	19.5834	2.16	0.83560
14 1 3 8 1 o	141.5200	148.7071	0.09	0.83543
7 29 0 4 1 o	267.9364	282.7011	359.94	0.83544
11 21 2 8 1 o	658.5214	696.3076	180.72	0.83514
8 19 4 8 1 o	1526.0059	1615.6715	180.69	0.83491
8 26 2 8 1 o	139.4008	147.9618	0.25	0.83482
0 10 6 4 1 o	114.1562	121.6971	0.08	0.83465
13 18 1 8 1 o	275.1151	292.1901	180.39	0.83454
10 23 2 8 1 o	2.7427	2.9177	0.84	0.83446
3 8 6 8 1 o	0.2882	0.3093	183.22	0.83426
15 4 2 8 1 o	193.3682	203.8109	1.10	0.83423
14 2 3 8 1 o	5.3998	5.6668	179.42	0.83423
15 11 0 4 1 o	26.0821	27.7031	179.91	0.83420
4 18 5 8 1 o	109.2467	117.4349	180.11	0.83417
4 6 6 8 1 o	245.1018	264.3642	180.87	0.83396
10 20 3 8 1 o	1.7752	1.8900	359.07	0.83360
8 28 0 4 1 o	1069.9816	1152.9745	0.32	0.83359
5 0 6 4 1 o	408.6016	443.0598	180.45	0.83357
12 6 4 8 1 o	345.7156	362.1911	0.48	0.83345
5 17 5 8 1 o	656.4331	711.5952	180.21	0.83338
6 30 0 4 1 o	33.2437	35.9183	0.58	0.83320
5 1 6 8 1 o	3085.2295	3357.2900	180.79	0.83317
1 10 6 8 1 o	317.1706	345.3960	180.31	0.83302
5 29 2 8 1 o	195.9844	211.7501	0.21	0.83292
1 25 4 8 1 o	0.2207	0.2404	178.89	0.83286
14 3 3 8 1 o	253.2347	263.3585	1.14	0.83224
15 10 1 8 1 o	36.8749	38.9300	1.15	0.83212
5 2 6 8 1 o	50.7712	54.9774	0.52	0.83198
5 23 4 8 1 o	76.0024	81.5551	0.53	0.83182
13 11 3 8 1 o	9.1592	9.5339	178.77	0.83182
6 22 4 8 1 o	33.1656	35.4194	0.43	0.83175
16 0 0 2 1 o	2079.8413	2181.4429	0.15	0.83167
11 23 1 8 1 o	68.8389	72.9846	180.21	0.83144
9 8 5 8 1 o	153.1994	159.5870	179.94	0.83137
12 15 3 8 1 o	643.5705	668.5182	181.00	0.83131
9 22 3 8 1 o	4.8319	5.0761	182.19	0.83124
4 31 1 8 1 o	312.8106	331.6601	0.45	0.83120
7 14 5 8 1 o	859.7806	904.8033	180.75	0.83116
3 19 5 8 1 o	20.0734	21.2748	359.87	0.83090
14 12 2 8 1 o	1.2830	1.3206	353.75	0.83072
15 5 2 8 1 o	45.3403	46.4141	1.92	0.83066
1 32 1 8 1 o	19.7667	20.7085	0.14	0.83066
13 16 2 8 1 o	44.8878	45.9731	0.95	0.83030
13 19 0 4 1 o	558.4962	576.3962	0.78	0.83027
10 15 4 8 1 o	178.6637	181.9439	181.55	0.83019
16 2 0 4 1 o	1953.0513	1989.0348	0.56	0.83010
5 3 6 8 1 o	972.2610	1008.0215	0.51	0.83001
14 15 1 8 1 o	7.1017	7.2117	2.32	0.82981
3 28 3 8 1 o	2205.4116	2252.8140	0.72	0.82959
11 18 3 8 1 o	47.6618	47.8922	0.91	0.82954
14 4 3 8 1 o	0.4589	0.4563	354.76	0.82948
12 19 2 8 1 o	203.2432	204.1095	0.71	0.82940
12 21 1 8 1 o	313.7732	311.5397	0.67	0.82889

4 7 6 8 1 o	2.2375	2.2380	1.13	0.82883
6 16 5 8 1 o	591.1489	582.5528	180.59	0.82857
1 20 5 8 1 o	314.7152	310.6911	0.18	0.82850
6 26 3 8 1 o	207.2475	203.0816	180.55	0.82845
12 7 4 8 1 o	1283.6919	1241.4946	0.28	0.82832
2 10 6 8 1 o	473.6569	460.7241	180.32	0.82816
11 12 4 8 1 o	2858.9143	2752.0369	0.52	0.82812
2 25 4 8 1 o	1115.1859	1076.5438	0.38	0.82800
14 16 0 4 1 o	55.4494	53.1428	179.57	0.82794
4 24 4 8 1 o	2.5220	2.4179	0.83	0.82789
9 27 0 4 1 o	1.3977	1.3298	180.26	0.82774
7 21 4 8 1 o	22.7900	21.6024	0.45	0.82766
10 25 1 8 1 o	811.3333	767.9557	0.42	0.82763
3 9 6 8 1 o	98.9785	93.4404	180.30	0.82756
7 25 3 8 1 o	22.6489	21.3302	180.02	0.82751
8 12 5 8 1 o	95.0129	89.2129	181.07	0.82739
9 25 2 8 1 o	153.6582	143.9662	359.77	0.82738
5 4 6 8 1 o	27.5583	25.6357	179.57	0.82727
5 31 0 4 1 o	111.8879	102.9169	1.65	0.82699
15 6 2 8 1 o	1188.3695	1089.0593	180.43	0.82636
14 5 3 8 1 o	355.7127	324.8211	180.92	0.82598
2 32 1 8 1 o	261.0468	230.7373	181.07	0.82585
10 1 5 8 1 o	176.4374	158.9836	180.40	0.82549
16 4 0 4 1 o	2279.7170	2033.2566	0.60	0.82542
5 27 3 8 1 o	192.1305	168.3750	180.40	0.82541
7 29 1 8 1 o	108.0093	94.2764	180.86	0.82512
1 11 6 8 1 o	50.0695	43.2985	0.49	0.82480
9 9 5 8 1 o	3939.3218	3486.0918	0.56	0.82474
1 31 2 8 1 o	275.5849	239.1536	0.38	0.82455
10 2 5 8 1 o	134.5466	119.2620	180.57	0.82433
4 30 2 8 1 o	12.7682	11.0727	179.17	0.82430
15 11 1 8 1 o	883.4969	772.7704	180.69	0.82393
5 5 6 8 1 o	2989.7344	2579.6672	180.58	0.82379
2 20 5 8 1 o	170.3401	146.9308	0.39	0.82372
8 28 1 8 1 o	1995.7908	1720.5500	0.63	0.82334
4 8 6 8 1 o	171.7766	147.2069	0.07	0.82302
6 30 1 8 1 o	327.8917	281.3408	1.04	0.82297
13 12 3 8 1 o	289.2672	252.5220	181.15	0.82287
8 24 3 8 1 o	256.9313	220.1158	180.61	0.82263
12 8 4 8 1 o	5.1065	4.4688	179.53	0.82252
10 3 5 8 1 o	125.3655	109.0490	1.44	0.82241
12 22 0 4 1 o	497.4365	423.9474	180.34	0.82240
9 18 4 8 1 o	6027.3076	5161.0825	180.63	0.82208
0 29 3 4 1 o	0.6232	0.5226	6.28	0.82185
14 6 3 8 1 o	8.4086	7.3230	179.56	0.82175
15 7 2 8 1 o	131.2403	113.1613	0.21	0.82137
16 1 1 8 1 o	163.0570	139.6868	0.16	0.82111
14 13 2 8 1 o	852.6686	729.8593	180.72	0.82104
1 29 3 8 1 o	11.5900	9.5856	1.50	0.82028
3 10 6 8 1 o	273.2823	224.7457	0.26	0.82026
13 19 1 8 1 o	460.3846	389.0835	0.14	0.82014
3 25 4 8 1 o	93.5700	77.2694	180.77	0.82010
2 11 6 8 1 o	125.4000	103.3745	180.15	0.82008
16 2 1 8 1 o	9.2555	7.9781	0.46	0.81997



7 15 5 8 1 o	434.5101	366.7752	180.52	0.81995
2 31 2 8 1 o	203.6348	170.3490	180.71	0.81984
5 18 5 8 1 o	76.7874	63.9190	180.58	0.81980
4 19 5 8 1 o	238.4872	197.8500	180.36	0.81979
10 4 5 8 1 o	205.8216	179.4103	0.24	0.81975
8 20 4 8 1 o	51.5184	43.9091	180.42	0.81974
5 6 6 8 1 o	78.4216	65.4256	180.54	0.81960
12 16 3 8 1 o	76.5376	66.7776	180.40	0.81933
11 13 4 8 1 o	37.7580	33.7085	179.81	0.81854
4 28 3 8 1 o	33.4615	29.4014	1.00	0.81853
11 22 2 8 1 o	194.9356	172.8972	179.94	0.81844
10 16 4 8 1 o	260.1366	233.2961	0.08	0.81826
10 26 0 4 1 o	14.7021	13.1756	359.98	0.81814
16 3 1 8 1 o	44.0469	39.7255	359.62	0.81808
3 32 1 8 1 o	1037.2384	935.5038	0.59	0.81801
14 16 1 8 1 o	518.2642	469.5665	180.22	0.81790
8 13 5 8 1 o	334.9299	304.2539	180.50	0.81783
16 6 0 4 1 o	59.4003	54.0208	359.51	0.81779
10 21 3 8 1 o	187.3734	170.7254	181.46	0.81774
9 27 1 8 1 o	5613.9058	5133.5835	0.60	0.81770
13 17 2 8 1 o	1061.7858	971.2403	0.72	0.81761
0 12 6 4 1 o	835.1436	769.9929	0.90	0.81761
9 10 5 8 1 o	39.7033	36.4160	1.49	0.81751
4 32 0 4 1 o	1.4514	1.3632	355.76	0.81706
5 31 1 8 1 o	945.0257	889.9802	0.39	0.81698
7 28 2 8 1 o	16.9781	16.0185	179.20	0.81687
14 7 3 8 1 o	100.3878	93.3168	180.92	0.81683
4 9 6 8 1 o	5.8701	5.6322	180.36	0.81658
10 5 5 8 1 o	35.3774	33.2067	0.73	0.81636
10 24 2 8 1 o	231.4474	220.4420	181.08	0.81630
6 0 6 4 1 o	17.7323	17.1191	183.65	0.81614
12 9 4 8 1 o	9.8246	9.2392	180.57	0.81610
1 12 6 8 1 o	579.3542	561.3152	0.54	0.81607
6 17 5 8 1 o	120.1948	115.7277	180.41	0.81597
3 20 5 8 1 o	18.6223	18.0686	179.48	0.81594
1 33 0 4 1 o	31.9372	30.8084	179.67	0.81579
6 1 6 8 1 o	491.4111	476.3568	180.64	0.81577
15 8 2 8 1 o	35.7200	33.8453	180.33	0.81571
15 13 0 4 1 o	306.7297	293.0527	181.34	0.81568
2 29 3 8 1 o	31.4209	30.4338	0.62	0.81565
6 29 2 8 1 o	116.5635	112.5844	180.58	0.81553
16 4 1 8 1 o	1768.2523	1683.2513	0.62	0.81546
11 19 3 8 1 o	44.8289	42.7987	0.49	0.81539
15 12 1 8 1 o	260.9813	249.5108	0.44	0.81523
0 26 4 4 1 o	8.0343	7.8013	0.50	0.81484
5 7 6 8 1 o	402.7684	390.7596	180.71	0.81473
6 2 6 8 1 o	122.8129	118.9009	180.83	0.81465
12 20 2 8 1 o	568.3293	544.7518	180.55	0.81452
6 23 4 8 1 o	1444.9481	1392.0389	0.78	0.81450
0 21 5 4 1 o	901.3079	872.0831	180.62	0.81444
8 27 2 8 1 o	5.5504	5.3403	0.81	0.81440
9 23 3 8 1 o	155.6103	148.9478	0.17	0.81403
5 24 4 8 1 o	84.9235	81.3472	0.79	0.81383
11 24 1 8 1 o	19.6270	18.7002	359.21	0.81347

13 13 3 8 1 o	111.1299	105.9154	0.44	0.81346
1 26 4 8 1 o	145.6709	138.4635	180.15	0.81332
1 21 5 8 1 o	479.4442	452.3361	0.69	0.81292
6 3 6 8 1 o	777.3334	732.4360	0.69	0.81280
12 22 1 8 1 o	485.7093	458.3387	180.62	0.81255
3 11 6 8 1 o	23.8421	22.3083	181.38	0.81241
10 6 5 8 1 o	787.4877	749.9749	0.59	0.81228
3 31 2 8 1 o	552.0504	517.4718	180.50	0.81217
16 5 1 8 1 o	311.9653	296.2292	0.77	0.81213
2 12 6 8 1 o	289.9923	270.2543	181.04	0.81150
7 22 4 8 1 o	518.4414	488.7249	0.60	0.81140
14 8 3 8 1 o	0.0106	0.0102	342.06	0.81127
14 14 2 8 1 o	94.4397	90.3970	0.84	0.81096
5 30 2 8 1 o	46.8352	44.6973	359.80	0.81043
6 4 6 8 1 o	963.1531	921.6101	180.42	0.81023
9 11 5 8 1 o	435.1092	426.1092	0.53	0.80974
4 10 6 8 1 o	330.9957	323.8877	0.17	0.80956
15 9 2 8 1 o	49.9431	49.3017	0.01	0.80945
4 25 4 8 1 o	124.1764	122.2436	181.20	0.80941
5 8 6 8 1 o	287.0239	284.8073	180.20	0.80921
12 10 4 8 1 o	16.5799	16.5040	180.01	0.80909
2 26 4 8 1 o	10.8770	10.9716	358.71	0.80880
11 14 4 8 1 o	116.8160	117.8032	0.21	0.80854
6 27 3 8 1 o	231.8220	235.8691	180.66	0.80848
7 16 5 8 1 o	687.1389	698.7103	180.49	0.80845
10 26 1 8 1 o	0.9271	0.9442	188.46	0.80844
2 21 5 8 1 o	1216.8350	1246.2271	0.57	0.80841
7 26 3 8 1 o	1557.3595	1591.1509	0.61	0.80833
9 19 4 8 1 o	90.3158	91.9518	179.95	0.80830
9 26 2 8 1 o	16.9072	17.3339	0.21	0.80822
16 6 1 8 1 o	39.9592	40.7969	181.24	0.80811
13 0 4 4 1 o	1159.5408	1176.9160	1.21	0.80811
3 29 3 8 1 o	79.8959	82.5592	180.53	0.80809
8 14 5 8 1 o	119.1413	122.9496	0.92	0.80786
13 1 4 8 1 o	701.7911	717.1737	0.67	0.80774
0 33 1 4 1 o	445.1130	465.7368	180.73	0.80766
10 7 5 8 1 o	271.0033	279.6005	180.54	0.80753
16 8 0 4 1 o	817.4751	849.7553	0.09	0.80747
4 32 1 8 1 o	1519.8683	1603.0736	0.72	0.80740
12 17 3 8 1 o	20.9180	21.8424	0.75	0.80714
6 5 6 8 1 o	96.2194	103.1221	181.00	0.80696
1 13 6 8 1 o	43.7174	47.0457	179.43	0.80689
13 2 4 8 1 o	173.6608	180.7786	180.86	0.80666
1 33 1 8 1 o	3160.6892	3430.3828	180.64	0.80618
5 19 5 8 1 o	0.7550	0.8240	178.19	0.80614
10 17 4 8 1 o	9.0508	9.6451	177.46	0.80611
15 13 1 8 1 o	102.3066	109.4962	181.59	0.80607
14 17 1 8 1 o	33.0382	35.6669	359.98	0.80577
13 20 1 8 1 o	206.0123	223.2490	0.11	0.80574
4 20 5 8 1 o	93.5545	103.5255	180.63	0.80541
11 25 0 4 1 o	314.6142	345.7038	0.36	0.80518
14 9 3 8 1 o	9292.7002	9912.4590	0.56	0.80511
5 28 3 8 1 o	817.1393	902.0685	181.05	0.80494
13 3 4 8 1 o	116.4516	123.6525	0.47	0.80486

13 18 2 8 1 o	449.9027	489.0030	181.43	0.80477
8 21 4 8 1 o	931.4733	1020.3281	0.80	0.80464
8 25 3 8 1 o	620.7126	683.1167	180.30	0.80450
3 12 6 8 1 o	297.1463	332.7377	180.52	0.80406
3 33 0 4 1 o	171.9663	191.2244	1.07	0.80380
13 14 3 8 1 o	1040.6130	1123.1200	180.61	0.80365
16 7 1 8 1 o	13.8335	15.0214	1.01	0.80344
7 30 1 8 1 o	30.4184	33.8371	181.38	0.80324
6 18 5 8 1 o	7.2677	8.0844	180.29	0.80320
5 9 6 8 1 o	5.4139	6.0780	359.55	0.80309
6 6 6 8 1 o	337.8288	378.0414	180.35	0.80302
0 32 2 4 1 o	639.4131	710.8941	180.29	0.80275
14 18 0 4 1 o	6517.3882	7145.2612	180.61	0.80263
15 10 2 8 1 o	63.6061	68.4294	179.89	0.80261
2 13 6 8 1 o	163.0124	182.2385	0.49	0.80247
13 4 4 8 1 o	131.9418	139.6831	180.81	0.80237
8 29 1 8 1 o	216.1827	238.5766	0.17	0.80231
10 8 5 8 1 o	151.4852	161.8529	180.47	0.80216
10 22 3 8 1 o	4.4779	4.8484	359.88	0.80204
4 11 6 8 1 o	43.8340	48.6124	180.28	0.80201
11 23 2 8 1 o	6.2297	6.7668	0.25	0.80200
4 31 2 8 1 o	991.8352	1084.4191	0.51	0.80178
2 33 1 8 1 o	587.8364	642.4002	0.71	0.80178
12 11 4 8 1 o	546.9106	576.2139	180.39	0.80155
9 12 5 8 1 o	646.3545	687.4495	180.74	0.80147
3 26 4 8 1 o	218.9968	238.4516	0.16	0.80143
1 32 2 8 1 o	507.5010	547.5170	0.25	0.80129
11 20 3 8 1 o	1282.4646	1359.4552	0.32	0.80124
3 21 5 8 1 o	914.6991	983.9664	180.42	0.80105
6 31 1 8 1 o	68.8280	72.2374	180.32	0.80055
14 15 2 8 1 o	3.9998	4.1536	182.77	0.80053
13 21 0 4 1 o	449.9285	469.6111	0.86	0.80048
12 21 2 8 1 o	571.4376	580.1694	0.75	0.79970
13 5 4 8 1 o	26.7833	26.8214	1.40	0.79919
1 30 3 8 1 o	39.5563	38.8754	0.55	0.79878
0 14 6 4 1 o	143.6882	140.8986	180.28	0.79875
10 25 2 8 1 o	1.2008	1.1764	5.07	0.79857
6 7 6 8 1 o	179.2959	174.1631	180.34	0.79843
14 10 3 8 1 o	19.2725	18.9521	180.63	0.79838
11 15 4 8 1 o	14.1941	13.8743	1.15	0.79821
16 8 1 8 1 o	1080.9167	1052.6781	0.77	0.79814
4 29 3 8 1 o	307.5475	294.2202	0.69	0.79786
9 28 1 8 1 o	424.2424	405.5903	180.60	0.79779
6 24 4 8 1 o	103.7853	98.7219	0.18	0.79759
8 15 5 8 1 o	647.0194	618.8811	180.65	0.79755
1 22 5 8 1 o	176.6674	166.7270	180.48	0.79749
1 14 6 8 1 o	55.0339	51.6665	180.75	0.79731
9 24 3 8 1 o	323.7252	306.1451	1.00	0.79715
2 32 2 8 1 o	23.0080	21.5046	0.65	0.79697
7 0 6 4 1 o	0.0613	0.0574	197.56	0.79689
7 17 5 8 1 o	294.2902	275.0678	0.16	0.79673
7 1 6 8 1 o	1237.8700	1150.4745	0.68	0.79654
15 14 1 8 1 o	152.7463	143.5675	0.82	0.79653
12 23 1 8 1 o	37.0568	34.4637	180.48	0.79645

5 10 6 8 1 o	0.8239	0.7558	1.01	0.79641
7 29 2 8 1 o	19.3165	17.8492	359.11	0.79632
5 25 4 8 1 o	57.4383	52.8642	0.78	0.79626
10 9 5 8 1 o	871.5955	824.3516	0.87	0.79619
11 25 1 8 1 o	197.7077	182.0938	0.29	0.79593
15 15 0 4 1 o	22.1346	20.5236	180.20	0.79557
7 2 6 8 1 o	0.5523	0.5066	178.80	0.79550
7 23 4 8 1 o	367.1767	337.3886	180.57	0.79536
13 6 4 8 1 o	1305.4939	1244.5531	0.70	0.79536
3 13 6 8 1 o	219.2964	198.3047	181.06	0.79527
15 11 2 8 1 o	108.4310	101.9023	180.03	0.79525
12 18 3 8 1 o	50.7804	47.5907	0.23	0.79478
16 10 0 4 1 o	50.8841	47.4586	179.21	0.79475
8 28 2 8 1 o	293.1451	269.0773	0.47	0.79472
3 33 1 8 1 o	305.0437	279.3297	1.29	0.79460
9 20 4 8 1 o	185.9619	173.2959	180.44	0.79451
2 30 3 8 1 o	230.1938	210.3257	0.42	0.79450
1 27 4 8 1 o	46.6492	42.4550	359.81	0.79440
6 30 2 8 1 o	16.9103	15.5422	359.90	0.79438
5 32 1 8 1 o	287.2170	263.8698	180.67	0.79434
11 1 5 8 1 o	4.0518	3.8773	180.34	0.79403
4 12 6 8 1 o	247.3569	226.9847	0.81	0.79398
10 18 4 8 1 o	250.9136	237.5167	180.04	0.79380
7 3 6 8 1 o	12.9613	12.0804	182.97	0.79378
12 12 4 8 1 o	588.5291	565.9749	180.39	0.79353
13 15 3 8 1 o	1.3523	1.2951	184.60	0.79350
14 18 1 8 1 o	142.5626	134.8635	180.32	0.79347
0 34 0 2 1 o	0.4304	0.4051	165.66	0.79329
6 8 6 8 1 o	21.7546	20.4183	179.83	0.79323
2 22 5 8 1 o	96.4783	90.3799	179.57	0.79323
16 0 2 4 1 o	2295.3542	2224.8926	180.58	0.79306
2 14 6 8 1 o	192.2287	181.1344	180.19	0.79305
11 2 5 8 1 o	456.2114	443.9317	180.40	0.79300
9 13 5 8 1 o	490.8244	475.1872	0.54	0.79277
16 1 2 8 1 o	686.1741	670.0278	180.85	0.79271
5 20 5 8 1 o	152.4104	146.9196	180.40	0.79245
16 9 1 8 1 o	1352.6410	1328.8384	180.56	0.79227
13 19 2 8 1 o	618.1832	614.1664	0.52	0.79184
16 2 2 8 1 o	263.8567	264.2523	0.73	0.79169
4 26 4 8 1 o	331.1035	332.6497	180.24	0.79144
15 1 3 8 1 o	20.5825	20.7741	180.19	0.79142
13 21 1 8 1 o	416.9949	420.2779	0.82	0.79139
7 4 6 8 1 o	22.3527	22.5270	359.85	0.79138
11 3 5 8 1 o	5.4226	5.4902	354.98	0.79129
14 11 3 8 1 o	284.1301	288.8256	180.99	0.79113
7 31 0 4 1 o	202.5129	206.1877	181.00	0.79113
4 21 5 8 1 o	329.2885	336.3112	180.47	0.79108
8 30 0 4 1 o	120.4990	123.7888	180.81	0.79092
13 7 4 8 1 o	30.4289	31.0959	179.99	0.79090
15 2 3 8 1 o	783.6793	810.1167	0.18	0.79040
6 19 5 8 1 o	50.8739	53.4781	180.01	0.79034
2 27 4 8 1 o	9.2715	9.8455	180.13	0.79019
16 3 2 8 1 o	40.1496	41.9925	179.59	0.78999
3 32 2 8 1 o	22.6382	24.1439	180.82	0.78992

10 27 1 8 1 o	261.5740	278.8505	180.96	0.78986
14 16 2 8 1 o	389.0194	410.5843	0.85	0.78982
7 27 3 8 1 o	88.3368	94.3423	359.97	0.78975
10 10 5 8 1 o	117.2423	123.6364	359.91	0.78968
8 22 4 8 1 o	467.2757	498.0004	180.46	0.78967
9 27 2 8 1 o	130.8738	140.0506	0.58	0.78965
12 24 0 4 1 o	3013.7561	3246.5723	0.58	0.78934
6 28 3 8 1 o	15.6792	16.9482	181.37	0.78922
5 11 6 8 1 o	151.8304	165.4208	0.78	0.78921
5 31 2 8 1 o	283.4834	307.5726	0.72	0.78899
11 4 5 8 1 o	74.4688	79.1688	0.46	0.78891
15 3 3 8 1 o	5.6129	5.9725	1.55	0.78871
7 5 6 8 1 o	350.4994	380.6043	0.87	0.78834
6 32 0 4 1 o	387.5382	420.9796	0.58	0.78789
2 34 0 4 1 o	1655.5054	1796.5002	0.40	0.78771
16 4 2 8 1 o	585.6064	630.9850	0.68	0.78763
11 16 4 8 1 o	15.4951	16.7216	359.66	0.78759
3 30 3 8 1 o	56.2545	60.9976	180.87	0.78751
6 9 6 8 1 o	54.7512	59.3654	0.26	0.78747
15 12 2 8 1 o	1.0055	1.0862	173.50	0.78741
1 15 6 8 1 o	19.4056	21.0319	0.09	0.78740
9 29 0 4 1 o	8.5765	9.2850	2.73	0.78726
11 21 3 8 1 o	64.0900	69.3598	180.62	0.78712
8 16 5 8 1 o	4.7472	5.1384	3.57	0.78696
8 26 3 8 1 o	14.5089	15.6954	1.32	0.78685
15 15 1 8 1 o	15.4340	16.7249	2.77	0.78664
10 23 3 8 1 o	2.8304	3.0665	182.06	0.78655
15 4 3 8 1 o	1440.3397	1566.1445	0.69	0.78636
3 22 5 8 1 o	341.3946	367.7718	0.70	0.78628
3 14 6 8 1 o	178.8748	192.7469	0.45	0.78610
11 5 5 8 1 o	23.3825	25.5634	180.76	0.78589
16 10 1 8 1 o	481.6176	525.7011	1.02	0.78585
13 8 4 8 1 o	215.5564	235.7943	0.07	0.78585
11 24 2 8 1 o	211.6930	230.2279	1.47	0.78584
4 13 6 8 1 o	16.1703	17.5070	358.56	0.78552
5 29 3 8 1 o	75.3074	82.2747	0.35	0.78526
12 13 4 8 1 o	102.6194	113.6520	1.12	0.78509
12 22 2 8 1 o	8.2937	9.1633	0.05	0.78500
4 33 1 8 1 o	163.6334	180.5492	180.48	0.78486
7 18 5 8 1 o	1.3261	1.4683	359.14	0.78483
7 6 6 8 1 o	14.3750	15.9886	359.66	0.78466
16 5 2 8 1 o	341.0447	381.5757	181.00	0.78462
9 14 5 8 1 o	93.9007	108.5036	0.64	0.78368
0 23 5 4 1 o	335.6089	392.9863	0.33	0.78361
14 12 3 8 1 o	5.5496	6.4222	179.55	0.78342
15 5 3 8 1 o	44.8796	51.7212	359.73	0.78337
3 27 4 8 1 o	62.1243	74.2038	180.61	0.78331
2 15 6 8 1 o	297.6804	356.5020	180.50	0.78329
1 34 1 8 1 o	14.2947	17.2445	180.20	0.78308
13 16 3 8 1 o	143.6105	168.9473	0.21	0.78306
10 11 5 8 1 o	22.0967	26.3161	180.27	0.78267
17 1 0 4 1 o	676.1829	816.7795	180.64	0.78242
7 31 1 8 1 o	708.5457	890.6793	180.49	0.78236
12 19 3 8 1 o	275.3520	334.1005	0.16	0.78231

1 23 5 8 1 o	0.4139	0.5319	1.09	0.78226
11 6 5 8 1 o	440.9360	524.2583	0.80	0.78225
8 30 1 8 1 o	900.4908	1141.4990	180.71	0.78215
5 12 6 8 1 o	11.4534	15.1066	0.80	0.78156
10 19 4 8 1 o	0.0122	0.0151	71.04	0.78138
5 33 0 4 1 o	99.2793	128.5529	359.59	0.78132
10 26 2 8 1 o	660.6136	841.4684	0.33	0.78130
6 10 6 8 1 o	737.6274	968.3326	180.32	0.78116
14 19 1 8 1 o	174.1946	219.1331	180.35	0.78106
6 25 4 8 1 o	1477.3352	1902.5201	0.47	0.78103
16 6 2 8 1 o	347.2392	420.1274	180.46	0.78100
9 21 4 8 1 o	172.8421	215.4680	0.18	0.78074
12 24 1 8 1 o	913.3104	1156.0686	180.53	0.78062
9 25 3 8 1 o	38.2134	48.0376	180.52	0.78062
7 7 6 8 1 o	645.3574	815.8420	0.56	0.78038
4 32 2 8 1 o	225.7272	287.0807	180.44	0.78035
10 28 0 4 1 o	1263.5608	1598.9365	180.34	0.78029
13 9 4 8 1 o	37.2855	44.1261	0.47	0.78024
16 12 0 4 1 o	337.8279	411.4132	0.38	0.77999
17 3 0 4 1 o	820.6307	985.7299	0.53	0.77980
15 6 3 8 1 o	5.7528	6.7549	180.53	0.77976
7 24 4 8 1 o	633.0536	770.6104	0.50	0.77959
0 31 3 4 1 o	161.8099	198.7779	359.81	0.77957
1 33 2 8 1 o	858.9990	1033.4099	180.40	0.77925
6 32 1 8 1 o	885.5305	1062.3767	180.85	0.77922
15 13 2 8 1 o	600.5673	703.7698	180.61	0.77916
5 26 4 8 1 o	11.7970	14.1019	0.33	0.77914
2 34 1 8 1 o	315.0365	374.3127	180.54	0.77905
16 11 1 8 1 o	219.9996	256.7482	0.77	0.77894
14 17 2 8 1 o	432.6302	503.9329	180.81	0.77888
13 20 2 8 1 o	311.3500	363.3011	0.52	0.77886
11 26 1 8 1 o	20.7835	24.3563	1.99	0.77882
5 21 5 8 1 o	222.7845	261.4370	0.30	0.77879
9 29 1 8 1 o	112.0064	129.9556	0.51	0.77861
0 16 6 4 1 o	992.7560	1147.8342	0.45	0.77853
2 23 5 8 1 o	99.9336	113.7714	180.60	0.77823
1 31 3 8 1 o	65.2567	74.3603	0.43	0.77823
4 30 3 8 1 o	180.0956	203.5146	180.61	0.77803
11 7 5 8 1 o	1.2736	1.4353	357.29	0.77801
6 20 5 8 1 o	120.2868	133.3465	0.65	0.77743
0 28 4 4 1 o	751.7845	830.4225	180.25	0.77742
1 16 6 8 1 o	625.7087	687.5231	180.42	0.77720
13 22 1 8 1 o	49.5805	54.7402	1.02	0.77714
14 20 0 4 1 o	201.0585	221.0904	1.29	0.77691
4 22 5 8 1 o	613.2155	669.7926	180.54	0.77684
16 7 2 8 1 o	18.8222	20.6971	359.66	0.77677
11 17 4 8 1 o	525.3502	577.2140	180.51	0.77674
4 14 6 8 1 o	1.7901	1.9513	184.28	0.77667
7 30 2 8 1 o	464.7377	507.8624	180.36	0.77660
3 15 6 8 1 o	0.0301	0.0328	154.22	0.77660
15 16 1 8 1 o	346.0005	378.4310	0.26	0.77647
8 0 6 4 1 o	61.8732	67.5072	1.75	0.77628
12 14 4 8 1 o	137.2722	149.8592	180.15	0.77626
8 17 5 8 1 o	109.2406	119.0017	180.02	0.77613

1 28 4 8 1 o	42.7652	46.4228	0.38	0.77610
8 1 6 8 1 o	284.9977	310.0179	0.66	0.77596
8 29 2 8 1 o	35.4289	38.4624	179.42	0.77575
15 7 3 8 1 o	230.6577	249.7293	180.39	0.77556
7 8 6 8 1 o	3.5641	3.8649	1.45	0.77552
14 13 3 8 1 o	1.3160	1.4221	189.53	0.77528
2 33 2 8 1 o	205.2074	222.3057	0.38	0.77528
10 12 5 8 1 o	445.3031	481.2838	0.70	0.77520
8 2 6 8 1 o	808.8395	874.6474	0.41	0.77500
8 23 4 8 1 o	325.4854	351.8731	180.95	0.77487
17 5 0 4 1 o	772.4291	832.2727	180.76	0.77464
6 11 6 8 1 o	23.3550	25.2726	0.44	0.77437
15 17 0 4 1 o	3743.8499	4035.0996	180.65	0.77430
2 31 3 8 1 o	185.1489	200.2278	180.36	0.77427
9 15 5 8 1 o	83.5844	89.9098	1.50	0.77426
6 31 2 8 1 o	372.3108	402.1920	180.70	0.77417
13 10 4 8 1 o	53.5614	57.1792	180.04	0.77411
4 27 4 8 1 o	71.7086	77.5209	0.20	0.77398
17 1 1 8 1 o	82.5925	88.4201	359.68	0.77393
5 13 6 8 1 o	1173.3425	1268.1696	0.62	0.77348
8 3 6 8 1 o	643.9988	689.8616	180.67	0.77341
2 16 6 8 1 o	253.6142	273.7294	0.47	0.77325
11 8 5 8 1 o	524.5909	555.2638	180.65	0.77320
11 22 3 8 1 o	237.9780	253.5811	180.53	0.77310
17 2 1 8 1 o	26.4007	27.9681	0.03	0.77297
5 33 1 8 1 o	449.3695	480.9421	180.42	0.77286
7 19 5 8 1 o	0.0296	0.0316	191.32	0.77282
3 34 1 8 1 o	65.5801	69.7036	1.02	0.77246
13 17 3 8 1 o	211.1025	221.5239	180.07	0.77240
2 28 4 8 1 o	269.2603	285.4229	0.19	0.77217
16 8 2 8 1 o	195.5301	203.2387	0.11	0.77199
10 28 1 8 1 o	40.5684	42.4613	181.04	0.77186
7 28 3 8 1 o	2878.6731	3003.3850	0.67	0.77177
9 28 2 8 1 o	251.3042	261.3413	180.44	0.77167
3 23 5 8 1 o	91.4392	95.5163	180.05	0.77166
4 34 0 4 1 o	78.6943	81.9310	0.83	0.77166
16 12 1 8 1 o	1.5936	1.6458	355.25	0.77157
17 3 1 8 1 o	9.9128	10.1789	359.81	0.77139
10 24 3 8 1 o	107.9914	110.8296	179.77	0.77128
8 4 6 8 1 o	810.7508	829.7841	0.54	0.77119
13 23 0 4 1 o	557.6635	570.5274	0.78	0.77115
15 8 3 8 1 o	4091.1475	4139.3291	0.63	0.77079
14 0 4 4 1 o	986.4252	995.7230	0.37	0.77065
6 29 3 8 1 o	157.4303	158.2678	359.93	0.77064
15 14 2 8 1 o	398.5506	400.3680	180.79	0.77053
12 23 2 8 1 o	195.6767	195.8375	0.86	0.77046
14 1 4 8 1 o	1083.2571	1087.0507	0.68	0.77033
11 27 0 4 1 o	0.0123	0.0122	261.39	0.77027
7 9 6 8 1 o	68.8765	68.0891	359.99	0.77013
11 25 2 8 1 o	128.2237	126.4554	0.54	0.76999
12 20 3 8 1 o	3.8938	3.8373	179.25	0.76978
8 27 3 8 1 o	2276.2122	2223.7163	0.62	0.76968
14 2 4 8 1 o	39.5249	39.0375	0.44	0.76939
1 35 0 4 1 o	2136.9570	2063.9575	0.51	0.76934

17 4 1 8 1 o	206.6474	201.6517	180.75	0.76919
10 20 4 8 1 o	522.3707	505.6129	0.57	0.76890
3 33 2 8 1 o	11.1319	10.6285	179.93	0.76878
14 20 1 8 1 o	223.1741	214.1437	359.95	0.76859
5 32 2 8 1 o	886.0368	843.8377	0.37	0.76855
8 5 6 8 1 o	181.3249	173.6234	0.64	0.76837
11 9 5 8 1 o	1660.4744	1604.6350	180.80	0.76785
14 3 4 8 1 o	15.4907	15.0531	1.43	0.76783
3 31 3 8 1 o	41.9442	39.7168	359.89	0.76780
14 18 2 8 1 o	8.2239	7.8808	356.06	0.76776
13 11 4 8 1 o	16.7950	16.2401	0.04	0.76750
4 15 6 8 1 o	23.8712	22.5405	178.03	0.76750
10 13 5 8 1 o	49.3347	47.3948	0.47	0.76732
1 24 5 8 1 o	747.2769	706.6911	0.41	0.76724
6 12 6 8 1 o	802.9883	760.8058	0.29	0.76714
12 15 4 8 1 o	487.8594	469.8038	0.78	0.76710
17 7 0 4 1 o	20.5679	19.7175	359.42	0.76708
9 22 4 8 1 o	98.4524	94.0860	180.97	0.76705
3 16 6 8 1 o	53.4840	50.7663	0.85	0.76680
14 14 3 8 1 o	1.1121	1.0710	356.83	0.76678
1 17 6 8 1 o	2790.5305	2649.8076	0.52	0.76676
16 9 2 8 1 o	12.4425	11.9779	180.26	0.76667
17 5 1 8 1 o	1616.6163	1554.7679	0.65	0.76639
5 30 3 8 1 o	243.0896	232.3009	0.91	0.76633
15 17 1 8 1 o	143.8737	138.2118	180.21	0.76606
13 21 2 8 1 o	81.7240	78.6014	179.73	0.76587
3 28 4 8 1 o	543.0046	521.3899	0.20	0.76575
11 18 4 8 1 o	2810.4465	2710.2175	0.92	0.76571
14 4 4 8 1 o	110.6056	107.0974	0.30	0.76566
15 9 3 8 1 o	157.1933	152.0459	0.73	0.76550
5 22 5 8 1 o	206.8798	199.6955	181.05	0.76520
8 18 5 8 1 o	0.0157	0.0152	356.44	0.76512
12 25 1 8 1 o	226.9101	219.2486	0.65	0.76507
5 14 6 8 1 o	33.8643	32.7390	180.69	0.76503
8 6 6 8 1 o	1262.8046	1221.1713	0.50	0.76496
6 26 4 8 1 o	72.8202	70.4769	180.38	0.76485
9 16 5 8 1 o	74.3478	72.0412	179.45	0.76456
6 21 5 8 1 o	20.6674	20.0532	0.44	0.76452
10 27 2 8 1 o	112.3574	108.9839	180.43	0.76448
9 26 3 8 1 o	2418.1050	2345.4243	180.67	0.76446
7 10 6 8 1 o	46.2636	44.9631	359.80	0.76423
7 25 4 8 1 o	40.6638	39.5362	181.04	0.76411
16 13 1 8 1 o	217.9086	211.5781	0.77	0.76380
16 14 0 4 1 o	95.0956	92.4193	181.93	0.76356
4 34 1 8 1 o	8.9210	8.7108	4.01	0.76350
2 24 5 8 1 o	0.0157	0.0153	358.00	0.76344
12 1 5 8 1 o	8.2565	7.9786	1.73	0.76338
13 23 1 8 1 o	481.8777	469.2455	180.50	0.76302
17 6 1 8 1 o	98.0250	94.8949	0.80	0.76301
2 17 6 8 1 o	304.3122	298.7546	0.47	0.76297
14 5 4 8 1 o	1046.7389	1008.3399	0.75	0.76290
8 31 1 8 1 o	434.3185	424.1155	0.57	0.76283
4 23 5 8 1 o	104.9593	103.0125	0.60	0.76274
0 35 1 4 1 o	17.5034	17.0546	0.59	0.76251



12 2 5 8 1 o	286.9095	275.3996	0.27	0.76247
5 27 4 8 1 o	132.2485	128.9298	180.35	0.76246
7 32 1 8 1 o	238.9698	232.5745	0.98	0.76241
11 27 1 8 1 o	3406.6719	3295.7693	180.80	0.76216
11 10 5 8 1 o	107.2947	102.4781	180.68	0.76201
15 15 2 8 1 o	343.5927	325.7282	0.34	0.76157
13 18 3 8 1 o	22.2429	21.0737	0.22	0.76154
1 35 1 8 1 o	1.5970	1.5057	359.62	0.76126
8 7 6 8 1 o	1.4930	1.3923	2.46	0.76099
12 3 5 8 1 o	994.0659	932.5095	180.71	0.76095
16 10 2 8 1 o	298.0089	277.7981	180.13	0.76085
7 20 5 8 1 o	23.4552	21.6393	179.13	0.76074
13 12 4 8 1 o	3404.5630	3158.5537	180.46	0.76045
8 24 4 8 1 o	455.2931	413.1990	180.48	0.76027
9 30 1 8 1 o	1.3612	1.2236	7.10	0.76015
4 33 2 8 1 o	0.0514	0.0458	208.95	0.75995
15 10 3 8 1 o	1257.6504	1152.8252	0.89	0.75971
14 6 4 8 1 o	169.1809	155.9005	180.27	0.75957
0 34 2 4 1 o	532.3243	468.6460	180.65	0.75957
6 13 6 8 1 o	33.4218	29.1994	1.49	0.75950
3 35 0 4 1 o	476.4193	417.5090	180.92	0.75925
11 23 3 8 1 o	7.8253	6.9810	179.72	0.75919
17 7 1 8 1 o	559.9295	504.2844	0.76	0.75907
10 14 5 8 1 o	45.4801	40.9897	180.14	0.75907
4 31 3 8 1 o	49.1648	42.9081	0.37	0.75901
6 33 1 8 1 o	414.3889	362.2957	0.22	0.75891
12 4 5 8 1 o	153.7719	140.9442	180.84	0.75884
1 32 3 8 1 o	159.4568	139.1518	181.06	0.75859
1 29 4 8 1 o	0.1107	0.0964	177.17	0.75841
1 34 2 8 1 o	78.5596	69.1138	0.02	0.75834
4 16 6 8 1 o	160.0109	140.9000	0.53	0.75804
14 15 3 8 1 o	752.8250	688.9238	0.81	0.75795
7 11 6 8 1 o	328.7083	294.4599	180.65	0.75787
7 31 2 8 1 o	412.3810	372.1381	180.55	0.75768
12 16 4 8 1 o	687.0073	632.3101	180.53	0.75766
12 26 0 4 1 o	174.7287	158.6380	359.86	0.75756
2 35 1 8 1 o	11.3027	10.2496	1.39	0.75755
8 30 2 8 1 o	484.5254	441.1601	180.49	0.75749
0 18 6 4 1 o	14131.2197	12883.8545	0.60	0.75737
17 9 0 4 1 o	570.0060	526.1481	0.26	0.75734
12 21 3 8 1 o	461.4297	427.1771	0.83	0.75724
3 24 5 8 1 o	4.5955	4.2233	357.56	0.75723
4 28 4 8 1 o	541.4628	503.7204	180.26	0.75703
3 17 6 8 1 o	21.0114	19.8345	182.62	0.75678
14 19 2 8 1 o	1069.9789	1013.9011	180.66	0.75650
8 8 6 8 1 o	409.6184	389.0414	0.16	0.75649
10 21 4 8 1 o	1190.7444	1131.7399	180.76	0.75640
10 25 3 8 1 o	421.3549	402.7429	180.68	0.75628
5 15 6 8 1 o	147.0021	142.3629	180.75	0.75626
12 5 5 8 1 o	511.7103	487.1971	0.42	0.75615
1 18 6 8 1 o	1439.4033	1400.3025	0.66	0.75614
14 21 1 8 1 o	22.0982	21.2312	180.90	0.75611
12 24 2 8 1 o	283.7467	272.6675	1.15	0.75610
11 11 5 8 1 o	0.1686	0.1618	188.61	0.75570

14 7 4 8 1 o	306.6698	293.6715	0.16	0.75568
16 14 1 8 1 o	606.6810	585.4263	0.96	0.75566
15 18 1 8 1 o	1.0294	0.9979	358.50	0.75547
2 32 3 8 1 o	117.5850	115.2410	180.43	0.75492
6 32 2 8 1 o	255.4061	249.5602	0.42	0.75483
9 0 6 4 1 o	1175.2336	1138.2279	0.54	0.75476
2 29 4 8 1 o	121.9234	119.4822	0.06	0.75474
2 34 2 8 1 o	545.5126	532.4097	180.47	0.75467
9 17 5 8 1 o	19.7563	19.1419	179.94	0.75462
17 8 1 8 1 o	1085.4706	1049.6398	180.72	0.75460
16 11 2 8 1 o	1.9824	1.9148	179.89	0.75457
11 19 4 8 1 o	95.2410	92.0851	0.37	0.75454
11 26 2 8 1 o	323.8055	314.2097	180.22	0.75447
9 1 6 8 1 o	465.7748	450.5625	181.08	0.75446
10 29 1 8 1 o	453.1598	440.4651	180.46	0.75446
7 29 3 8 1 o	151.9636	147.4675	180.16	0.75437
9 29 2 8 1 o	36.0108	34.8910	179.84	0.75427
8 19 5 8 1 o	51.4819	49.6563	181.03	0.75398
0 25 5 4 1 o	420.5205	403.3176	0.74	0.75367
9 2 6 8 1 o	428.7803	412.1789	180.40	0.75358
9 23 4 8 1 o	167.4237	160.6202	180.32	0.75346
15 11 3 8 1 o	31.0749	29.9175	180.82	0.75346
13 13 4 8 1 o	139.5762	134.2965	180.56	0.75301
8 28 3 8 1 o	105.0349	100.1958	0.59	0.75300
13 22 2 8 1 o	151.9541	145.2667	0.57	0.75293
12 6 5 8 1 o	513.8846	494.9024	180.66	0.75290
6 30 3 8 1 o	60.7773	57.7819	1.13	0.75272
2 18 6 8 1 o	1530.9661	1448.1321	180.89	0.75251
1 25 5 8 1 o	419.4077	396.6250	0.40	0.75246
5 34 1 8 1 o	32.7297	31.0569	181.05	0.75244
15 16 2 8 1 o	102.9358	98.5605	181.14	0.75233
15 19 0 4 1 o	253.2451	241.3067	181.53	0.75230
9 3 6 8 1 o	248.9460	238.1157	1.33	0.75211
0 1 7 4 1 o	34.8904	32.9553	359.36	0.75205
8 32 0 4 1 o	222.0559	210.5878	359.77	0.75185
5 23 5 8 1 o	351.2108	332.4052	180.42	0.75170
6 22 5 8 1 o	196.6994	186.6234	0.82	0.75165
6 14 6 8 1 o	136.6210	129.4018	0.72	0.75149
8 9 6 8 1 o	53.9734	51.5415	180.27	0.75148
3 35 1 8 1 o	44.5147	42.2918	0.25	0.75148
16 1 3 8 1 o	46.2061	44.8153	359.50	0.75130
14 8 4 8 1 o	77.4071	75.1245	0.03	0.75127
14 22 0 4 1 o	290.4180	277.7330	0.77	0.75118
7 12 6 8 1 o	18.4416	17.6056	0.61	0.75108
7 33 0 4 1 o	2463.8413	2356.5378	0.60	0.75087
1 1 7 8 1 o	59.4767	56.6505	180.23	0.75086
13 19 3 8 1 o	74.9020	72.8101	0.06	0.75055
10 15 5 8 1 o	213.1127	207.3624	1.20	0.75050
16 2 3 8 1 o	0.5660	0.5547	358.69	0.75043
17 0 2 4 1 o	42.4799	41.6140	180.10	0.75030
9 4 6 8 1 o	4.1463	4.0625	0.02	0.75007
17 1 2 8 1 o	702.6219	691.9219	180.88	0.75001
1 2 7 8 1 o	91.3381	88.8383	180.34	0.74998
9 31 0 4 1 o	113.7694	111.4117	0.53	0.74986

12 26 1 8 1 o	0.7414	0.7276	354.68	0.74984
0 3 7 4 1 o	44.1662	43.3302	180.05	0.74973
17 9 1 8 1 o	96.1201	95.2548	180.43	0.74963
0 36 0 2 1 o	9626.6973	9633.4307	0.64	0.74922
17 2 2 8 1 o	179.4987	180.1246	181.13	0.74914
12 7 5 8 1 o	66.7879	67.0518	179.83	0.74912
13 24 1 8 1 o	126.3464	127.1796	0.84	0.74906
6 27 4 8 1 o	0.3847	0.3873	358.74	0.74905
5 33 2 8 1 o	406.9951	410.0046	180.86	0.74904
16 3 3 8 1 o	310.1092	312.2189	359.98	0.74898
11 12 5 8 1 o	723.6910	729.3373	0.78	0.74897
7 26 4 8 1 o	270.0569	273.0353	0.13	0.74893
3 32 3 8 1 o	431.7434	436.9400	0.94	0.74892
2 25 5 8 1 o	515.1408	522.4084	0.37	0.74888
14 16 3 8 1 o	2.9740	3.0080	179.39	0.74884
4 24 5 8 1 o	72.9554	74.2516	0.37	0.74879
3 29 4 8 1 o	38.9673	39.7230	0.67	0.74874
9 27 3 8 1 o	82.5284	84.1278	0.85	0.74869
3 34 2 8 1 o	249.8065	255.1330	180.22	0.74867
7 21 5 8 1 o	0.6633	0.6780	175.62	0.74863
1 3 7 8 1 o	1322.6632	1360.3739	180.73	0.74854
4 17 6 8 1 o	2.2485	2.3299	185.51	0.74835
10 28 2 8 1 o	288.9184	300.1894	180.35	0.74813
5 31 3 8 1 o	40.3996	42.0800	0.41	0.74813
12 17 4 8 1 o	0.0805	0.0832	162.12	0.74798
16 12 2 8 1 o	19.5854	20.3039	1.34	0.74787
17 3 2 8 1 o	112.1938	116.3846	1.30	0.74770
9 5 6 8 1 o	0.5415	0.5691	189.15	0.74748
2 1 7 8 1 o	16.1400	17.3558	179.82	0.74730
5 16 6 8 1 o	95.8825	103.3501	180.39	0.74721
16 15 1 8 1 o	43.1773	45.6936	359.70	0.74721
16 4 3 8 1 o	8.0067	8.3719	1.65	0.74697
6 34 0 4 1 o	937.2155	1010.6577	0.59	0.74695
15 12 3 8 1 o	1.0622	1.1184	181.86	0.74678
3 18 6 8 1 o	37.7714	41.3250	182.21	0.74656
1 4 7 8 1 o	156.8281	171.6848	0.23	0.74653
2 2 7 8 1 o	79.4810	87.1442	180.65	0.74644
14 9 4 8 1 o	0.9757	1.0262	179.42	0.74637
5 28 4 8 1 o	208.1339	227.4109	180.37	0.74624
8 10 6 8 1 o	249.1556	269.8871	0.24	0.74600
11 28 1 8 1 o	25.5483	27.8549	180.83	0.74596
8 25 4 8 1 o	182.6192	198.2973	180.92	0.74589
16 16 0 4 1 o	690.6956	745.6619	180.90	0.74584
17 4 2 8 1 o	787.5306	836.9565	180.75	0.74570
17 11 0 4 1 o	567.5323	610.2667	180.15	0.74568
11 24 3 8 1 o	1476.1609	1593.1461	180.63	0.74544
1 19 6 8 1 o	491.9325	542.3315	0.54	0.74538
13 14 4 8 1 o	77.1833	81.8417	0.99	0.74520
14 20 2 8 1 o	25.0831	26.9522	1.15	0.74516
0 5 7 4 1 o	168.8185	185.6422	180.63	0.74513
2 3 7 8 1 o	69.1943	75.9456	0.34	0.74501
10 30 0 4 1 o	38.0457	41.3745	2.35	0.74497
12 8 5 8 1 o	20.4423	21.5709	358.84	0.74482
15 19 1 8 1 o	4.5087	4.8348	181.58	0.74474

12 22 3 8 1 o	1.0580	1.1303 181.62 0.74473
2 36 0 4 1 o	3979.2227	4286.5303 180.75 0.74452
9 18 5 8 1 o	94.7443	100.9517 180.57 0.74449
16 5 3 8 1 o	641.0226	673.3439 0.82 0.74440
9 6 6 8 1 o	3.2694	3.4687 3.44 0.74434
8 32 1 8 1 o	438.5367	469.5861 0.83 0.74431
17 10 1 8 1 o	323.6224	341.8168 180.85 0.74419
1 5 7 8 1 o	85.3310	90.6510 0.35 0.74397
10 22 4 8 1 o	33.5084	35.2651 0.65 0.74392
7 13 6 8 1 o	177.2858	187.2864 181.02 0.74391
14 22 1 8 1 o	337.9786	353.6656 0.95 0.74365
7 33 1 8 1 o	184.0370	190.7702 180.81 0.74335
11 20 4 8 1 o	36.6160	38.0003 180.59 0.74328
4 35 1 8 1 o	201.0352	207.5945 0.36 0.74323
6 15 6 8 1 o	284.7695	292.9139 180.90 0.74317
17 5 2 8 1 o	199.1900	206.4394 181.05 0.74315
2 4 7 8 1 o	39.6889	40.5728 181.78 0.74303
3 25 5 8 1 o	26.2752	26.8529 180.48 0.74302
15 17 2 8 1 o	0.0987	0.1017 185.16 0.74285
8 20 5 8 1 o	0.3664	0.3756 352.11 0.74275
13 25 0 4 1 o	611.0729	623.3326 180.21 0.74257
0 30 4 4 1 o	34.2320	34.5937 359.90 0.74247
9 31 1 8 1 o	126.1343	128.1704 0.87 0.74237
12 25 2 8 1 o	505.0387	516.1544 180.23 0.74195
2 19 6 8 1 o	17.7481	17.9445 1.28 0.74190
11 13 5 8 1 o	71.8012	73.9177 180.61 0.74185
10 16 5 8 1 o	47.8026	49.1838 359.65 0.74165
10 26 3 8 1 o	132.4458	135.9530 359.96 0.74156
3 1 7 8 1 o	2.3913	2.4402 179.67 0.74147
1 30 4 8 1 o	753.8893	773.1473 180.70 0.74132
16 6 3 8 1 o	62.9199	65.0469 180.74 0.74130
14 10 4 8 1 o	23.5041	24.3493 0.79 0.74099
0 33 3 4 1 o	2938.8921	3048.8098 180.73 0.74096
1 6 7 8 1 o	280.9348	292.2150 180.41 0.74088
16 13 2 8 1 o	796.3896	827.6943 0.66 0.74078
4 32 3 8 1 o	168.3510	175.6660 0.52 0.74075
9 7 6 8 1 o	35.2307	36.7156 359.02 0.74068
3 2 7 8 1 o	114.8772	120.4499 0.38 0.74063
1 36 1 8 1 o	10.1940	10.6769 0.81 0.74060
4 29 4 8 1 o	332.0562	348.2891 0.35 0.74058
4 34 2 8 1 o	547.4055	574.7018 180.62 0.74051
2 5 7 8 1 o	316.2070	332.8680 0.32 0.74050
5 35 0 4 1 o	2616.7864	2766.0005 0.83 0.74022
8 11 6 8 1 o	43.1153	45.4994 359.89 0.74008
13 23 2 8 1 o	612.6123	645.6152 0.66 0.74007
17 6 2 8 1 o	195.2823	204.2195 0.21 0.74006
12 9 5 8 1 o	3458.0098	3609.8650 180.82 0.74004
9 24 4 8 1 o	1592.5499	1680.6357 180.65 0.74001
8 31 2 8 1 o	43.4003	46.0860 1.04 0.73990
1 33 3 8 1 o	85.6185	91.3036 180.79 0.73981
15 13 3 8 1 o	34.6816	36.3294 180.71 0.73973
6 34 1 8 1 o	871.6810	930.7004 180.59 0.73954
7 32 2 8 1 o	179.4757	191.5159 180.62 0.73952
14 17 3 8 1 o	141.6717	148.9846 0.21 0.73949

13 20 3 8 1 o	44.9708	47.4270	180.89	0.73947
11 27 2 8 1 o	99.2789	105.6896	0.25	0.73929
18 0 0 2 1 o	1.0388	1.0957	3.33	0.73926
3 3 7 8 1 o	1015.8954	1092.5526	0.61	0.73924
6 23 5 8 1 o	158.5329	169.6164	180.63	0.73885
16 16 1 8 1 o	303.4860	320.9161	0.35	0.73847
4 18 6 8 1 o	2319.5261	2485.3486	0.66	0.73847
1 35 2 8 1 o	15.8654	16.9283	180.61	0.73847
0 7 7 4 1 o	124.4087	133.1923	180.60	0.73840
5 24 5 8 1 o	139.9238	149.4424	1.43	0.73835
17 11 1 8 1 o	465.0397	490.1605	0.83	0.73831
18 2 0 4 1 o	519.2835	546.3119	180.76	0.73816
12 18 4 8 1 o	753.6172	791.2698	180.70	0.73811
1 26 5 8 1 o	1.7207	1.8299	2.28	0.73796
5 17 6 8 1 o	2337.6702	2484.4272	0.88	0.73793
2 30 4 8 1 o	93.4416	99.1719	0.59	0.73789
16 7 3 8 1 o	1073.9855	1118.2528	0.71	0.73769
10 30 1 8 1 o	947.4252	998.4774	0.75	0.73762
7 30 3 8 1 o	472.7856	497.4756	180.85	0.73754
2 6 7 8 1 o	20.5042	21.5984	1.16	0.73745
9 30 2 8 1 o	279.0276	293.1461	0.68	0.73745
11 29 0 4 1 o	526.5893	552.4888	180.39	0.73733
3 4 7 8 1 o	59.3068	62.2934	180.03	0.73730
1 7 7 8 1 o	119.3338	125.2576	180.13	0.73727
2 36 1 8 1 o	10.7437	11.2485	180.28	0.73719
13 15 4 8 1 o	30.9064	32.1092	359.23	0.73709
8 29 3 8 1 o	456.0586	474.8684	0.66	0.73682
9 8 6 8 1 o	63.1313	65.4766	180.66	0.73653
7 22 5 8 1 o	412.3789	428.1140	0.66	0.73653
17 7 2 8 1 o	534.0714	552.4767	0.16	0.73647
2 33 3 8 1 o	401.0113	415.8636	1.27	0.73641
7 14 6 8 1 o	0.0013	0.0014	134.42	0.73638
6 33 2 8 1 o	393.8206	408.1490	0.64	0.73632
3 19 6 8 1 o	375.4296	388.6584	181.17	0.73620
15 0 4 4 1 o	184.8294	189.2866	181.62	0.73570
0 20 6 4 1 o	344.3563	356.2236	0.13	0.73565
6 31 3 8 1 o	1621.1173	1676.0491	180.47	0.73545
15 1 4 8 1 o	2.3434	2.3955	0.10	0.73542
13 25 1 8 1 o	301.0212	310.9237	180.55	0.73529
14 11 4 8 1 o	76.9913	78.7764	179.90	0.73519
2 35 2 8 1 o	576.7537	596.7098	180.69	0.73508
4 25 5 8 1 o	299.0818	310.0732	0.81	0.73504
12 27 1 8 1 o	1224.9307	1265.5549	0.74	0.73494
18 4 0 4 1 o	2641.9236	2712.7690	180.60	0.73486
3 5 7 8 1 o	17.5234	18.1801	181.04	0.73484
12 10 5 8 1 o	26.4418	27.0085	181.50	0.73480
15 2 4 8 1 o	548.2015	556.9570	0.75	0.73461
6 16 6 8 1 o	1.4258	1.4780	9.21	0.73458
2 26 5 8 1 o	707.7041	734.4935	0.58	0.73458
1 20 6 8 1 o	254.3851	264.0070	180.61	0.73453
11 14 5 8 1 o	3.7515	3.8298	179.82	0.73439
9 19 5 8 1 o	0.0324	0.0332	8.97	0.73421
7 27 4 8 1 o	442.1074	455.0997	180.34	0.73409
15 20 1 8 1 o	11.6286	11.8981	179.79	0.73391

2 7 7 8 1 o	21.6033	22.3312	2.26	0.73390
13 1 5 8 1 o	0.4071	0.4104	178.79	0.73379
14 21 2 8 1 o	142.5396	145.3010	180.72	0.73376
8 12 6 8 1 o	700.8093	716.6755	180.49	0.73375
6 28 4 8 1 o	402.8089	412.9214	0.19	0.73365
16 8 3 8 1 o	133.5413	134.5120	0.46	0.73359
4 1 7 8 1 o	3.9111	4.0205	181.45	0.73354
16 14 2 8 1 o	263.0184	265.2280	180.91	0.73335
9 28 3 8 1 o	121.1559	123.0379	181.10	0.73331
15 3 4 8 1 o	242.0965	242.0276	180.60	0.73325
15 18 2 8 1 o	12.9781	13.0725	4.14	0.73318
1 8 7 8 1 o	257.7401	262.7508	0.63	0.73317
5 35 1 8 1 o	128.0460	129.5368	180.20	0.73301
13 2 5 8 1 o	75.7160	75.4051	0.61	0.73298
4 2 7 8 1 o	6.6249	6.6700	3.02	0.73273
10 0 6 4 1 o	3239.9792	3222.8049	180.93	0.73270
10 17 5 8 1 o	579.1489	575.1267	180.38	0.73257
10 1 6 8 1 o	11.1041	10.9768	181.61	0.73243
17 8 2 8 1 o	9.9288	9.7984	1.05	0.73239
17 13 0 4 1 o	27.0673	26.7673	3.11	0.73236
15 14 3 8 1 o	2099.0208	2068.3809	0.67	0.73233
3 30 4 8 1 o	563.7952	558.8146	0.61	0.73228
12 23 3 8 1 o	47.8531	47.2113	180.54	0.73227
10 29 2 8 1 o	294.8643	291.3835	180.47	0.73225
17 12 1 8 1 o	235.3367	230.5450	0.67	0.73203
11 21 4 8 1 o	135.9646	132.9846	0.77	0.73197
9 9 6 8 1 o	117.8372	115.0634	180.25	0.73190
11 25 3 8 1 o	35.4979	34.6355	0.73	0.73187
3 6 7 8 1 o	21.1220	20.6249	1.41	0.73186
18 1 1 8 1 o	161.0934	156.8811	0.51	0.73182
8 26 4 8 1 o	385.4341	374.7895	180.39	0.73175
13 3 5 8 1 o	268.0189	260.2103	0.77	0.73163
10 2 6 8 1 o	469.4050	454.8300	180.42	0.73162
3 36 1 8 1 o	0.2990	0.2892	175.39	0.73159
10 23 4 8 1 o	73.6457	71.0931	0.43	0.73151
8 21 5 8 1 o	109.8442	105.8353	0.98	0.73146
4 3 7 8 1 o	49.7743	47.7193	179.94	0.73138
15 4 4 8 1 o	276.9467	267.5823	1.08	0.73136
14 23 1 8 1 o	186.2970	178.2739	0.50	0.73125
2 20 6 8 1 o	168.3946	160.2468	180.50	0.73119
18 2 1 8 1 o	119.0072	113.5805	359.97	0.73101
4 36 0 4 1 o	1172.5811	1107.3878	0.78	0.73091
3 33 3 8 1 o	30.3566	28.5688	179.42	0.73083
5 32 3 8 1 o	2544.3975	2381.2690	180.72	0.73063
5 29 4 8 1 o	52.8240	49.1685	0.11	0.73047
5 34 2 8 1 o	724.5429	673.7681	0.30	0.73041
10 3 6 8 1 o	187.3213	175.9995	0.85	0.73028
11 29 1 8 1 o	90.2092	83.6029	0.40	0.73021
14 18 3 8 1 o	21.3123	19.9207	180.20	0.72995
15 21 0 4 1 o	535.7671	495.6388	180.13	0.72993
2 8 7 8 1 o	1388.5465	1268.0168	180.61	0.72986
13 4 5 8 1 o	356.7420	335.9700	180.79	0.72975
0 9 7 4 1 o	1730.0790	1575.7505	0.40	0.72970
18 3 1 8 1 o	44.2825	41.2417	180.63	0.72967

3 35 2 8 1 o	938.4935	857.6216	180.82	0.72953
16 17 1 8 1 o	29.1666	26.9436	359.94	0.72951
4 4 7 8 1 o	962.2292	874.0782	0.74	0.72951
18 6 0 4 1 o	232.2301	215.3412	0.04	0.72947
12 11 5 8 1 o	287.5139	268.2796	0.71	0.72914
3 26 5 8 1 o	1244.0835	1127.0143	0.87	0.72905
16 9 3 8 1 o	1.0398	0.9709	358.73	0.72902
14 12 4 8 1 o	227.4654	212.4849	0.22	0.72899
15 5 4 8 1 o	196.4293	184.2400	180.45	0.72895
13 16 4 8 1 o	92.2619	85.8129	1.00	0.72870
1 9 7 8 1 o	4132.9248	3750.6741	180.85	0.72861
7 15 6 8 1 o	460.4251	420.5706	0.77	0.72855
5 18 6 8 1 o	121.0795	110.0672	0.67	0.72845
4 19 6 8 1 o	46.8819	42.6212	181.39	0.72844
10 4 6 8 1 o	155.4153	144.1257	180.59	0.72841
3 7 7 8 1 o	56.2070	51.1375	180.53	0.72838
13 21 3 8 1 o	120.7088	111.6893	0.52	0.72833
12 19 4 8 1 o	161.4395	149.9678	0.75	0.72810
12 26 2 8 1 o	26.4747	24.4171	0.18	0.72803
1 37 0 4 1 o	136.9254	126.1023	0.54	0.72788
17 9 2 8 1 o	122.5020	114.2201	180.30	0.72784
18 4 1 8 1 o	414.8886	386.2449	180.78	0.72781
13 5 5 8 1 o	0.0034	0.0032	279.48	0.72736
13 24 2 8 1 o	820.6077	765.3098	180.75	0.72731
12 28 0 4 1 o	17.0770	15.9306	179.78	0.72722
16 18 0 4 1 o	34.3845	32.1356	0.95	0.72718
10 27 3 8 1 o	5520.8921	5160.8335	180.72	0.72714
4 5 7 8 1 o	179.6489	167.8181	180.40	0.72712
8 13 6 8 1 o	239.7352	224.3565	180.52	0.72706
9 10 6 8 1 o	0.4335	0.4071	174.53	0.72684
9 25 4 8 1 o	17.3301	16.2964	179.83	0.72673
11 15 5 8 1 o	0.0720	0.0678	296.26	0.72662
8 33 1 8 1 o	115.7213	109.2028	1.03	0.72654
6 24 5 8 1 o	148.4505	140.7270	180.53	0.72615
15 6 4 8 1 o	4.3300	4.1020	185.20	0.72604
10 5 6 8 1 o	11.0502	10.4499	180.77	0.72603
6 17 6 8 1 o	328.8260	312.6066	0.71	0.72575
3 20 6 8 1 o	88.2361	83.9472	0.76	0.72573
14 24 0 4 1 o	3651.4553	3462.5530	180.49	0.72573
16 15 2 8 1 o	156.4470	148.1592	180.51	0.72562
18 5 1 8 1 o	271.5245	257.2124	180.66	0.72544
17 13 1 8 1 o	1200.6133	1137.2794	0.72	0.72538
2 9 7 8 1 o	204.9144	194.6748	0.82	0.72535
9 32 1 8 1 o	155.0820	147.0638	0.13	0.72527
5 25 5 8 1 o	52.2716	49.5667	359.88	0.72515
7 34 1 8 1 o	321.3662	304.5568	0.63	0.72513
0 27 5 4 1 o	3730.6335	3528.4880	180.68	0.72482
1 31 4 8 1 o	118.1697	111.7582	0.10	0.72481
4 30 4 8 1 o	1.5151	1.4314	180.05	0.72464
15 15 3 8 1 o	7.6588	7.2608	1.51	0.72463
11 28 2 8 1 o	50.1543	47.3887	0.58	0.72448
7 23 5 8 1 o	329.2202	310.9400	0.52	0.72447
13 6 5 8 1 o	52.1926	49.5897	180.79	0.72447
3 8 7 8 1 o	1206.0316	1137.2251	0.53	0.72443

4 6 7 8 1 o	191.3645	180.2585	180.87	0.72423
16 10 3 8 1 o	1.7674	1.6786	177.77	0.72401
4 36 1 8 1 o	4.5033	4.2464	180.17	0.72397
9 20 5 8 1 o	4.9088	4.6430	358.35	0.72383
1 27 5 8 1 o	1255.9697	1182.4998	0.93	0.72374
5 1 7 8 1 o	218.8258	206.0405	180.32	0.72371
1 10 7 8 1 o	17.1212	16.1264	0.75	0.72361
1 21 6 8 1 o	6.0688	5.7163	181.35	0.72361
15 19 2 8 1 o	482.6283	457.7975	180.70	0.72336
10 18 5 8 1 o	342.6182	325.1902	0.27	0.72329
4 33 3 8 1 o	406.8812	384.6931	180.89	0.72324
10 6 6 8 1 o	699.1232	664.6364	180.89	0.72315
12 12 5 8 1 o	475.6500	453.0526	180.71	0.72309
15 21 1 8 1 o	11.1818	10.6148	357.94	0.72302
8 32 2 8 1 o	0.1840	0.1745	350.59	0.72296
5 2 7 8 1 o	63.2045	59.8713	180.63	0.72293
17 10 2 8 1 o	80.5475	76.7590	359.66	0.72286
15 7 4 8 1 o	1.1308	1.0808	182.70	0.72264
18 6 1 8 1 o	802.6799	766.2011	0.79	0.72257
14 13 4 8 1 o	181.0492	173.1283	181.38	0.72242
14 22 2 8 1 o	99.1442	94.7504	1.04	0.72236
18 8 0 4 1 o	34.5035	33.0595	1.05	0.72211
7 33 2 8 1 o	300.8402	288.6103	0.55	0.72209
0 37 1 4 1 o	172.9230	165.9024	180.27	0.72209
4 35 2 8 1 o	365.0253	350.8341	1.24	0.72198
1 34 3 8 1 o	394.1072	379.7698	180.48	0.72184
13 26 1 8 1 o	1105.0566	1064.6588	0.61	0.72174
5 3 7 8 1 o	363.2314	351.7473	180.41	0.72164
2 31 4 8 1 o	8.0607	7.8052	182.90	0.72160
4 26 5 8 1 o	538.8922	522.9993	180.94	0.72151
9 11 6 8 1 o	9.6420	9.3069	2.32	0.72136
10 31 1 8 1 o	8.7270	8.4600	180.43	0.72135
7 31 3 8 1 o	5.1349	4.9807	180.51	0.72127
9 31 2 8 1 o	93.7846	91.0204	0.48	0.72119
8 30 3 8 1 o	84.1484	81.6896	180.92	0.72111
13 7 5 8 1 o	210.1566	201.9794	180.34	0.72109
6 35 1 8 1 o	10.5477	10.2604	179.41	0.72108
1 37 1 8 1 o	516.6224	502.7120	180.27	0.72103
4 7 7 8 1 o	163.6246	160.1369	0.25	0.72086
11 22 4 8 1 o	25.5025	24.6485	179.85	0.72065
0 36 2 4 1 o	1423.9636	1388.8226	0.88	0.72062
2 27 5 8 1 o	2288.0239	2241.8687	0.85	0.72055
7 16 6 8 1 o	28.0434	27.3221	359.99	0.72045
2 10 7 8 1 o	1160.6840	1137.0709	180.62	0.72042
2 21 6 8 1 o	22.2166	21.7644	181.45	0.72042
12 28 1 8 1 o	189.5351	184.2922	180.71	0.72038
16 18 1 8 1 o	0.1122	0.1085	1.04	0.72034
14 19 3 8 1 o	75.8063	73.0046	180.19	0.72026
8 22 5 8 1 o	24.9780	24.1993	359.28	0.72017
13 17 4 8 1 o	932.5034	895.3233	180.66	0.72008
8 14 6 8 1 o	13.0546	12.6310	182.64	0.72003
3 9 7 8 1 o	316.9237	309.4849	1.78	0.72003
12 24 3 8 1 o	1.9118	1.8407	359.11	0.71991
5 4 7 8 1 o	1.9974	1.9447	179.88	0.71984



10 7 6 8 1 o	4.0256	3.8595	358.67	0.71980
7 28 4 8 1 o	252.1354	242.6824	0.49	0.71957
1 36 2 8 1 o	1749.6323	1686.7476	180.96	0.71956
3 37 0 4 1 o	863.5627	827.1616	181.04	0.71932
0 11 7 4 1 o	1565.4595	1501.6393	180.45	0.71925
18 7 1 8 1 o	285.6438	271.2375	180.76	0.71922
10 24 4 8 1 o	0.8589	0.8165	4.82	0.71918
14 24 1 8 1 o	52.0281	49.1863	0.69	0.71894
6 32 3 8 1 o	16.7776	15.8166	181.35	0.71881
5 19 6 8 1 o	593.5328	560.3880	1.25	0.71881
15 8 4 8 1 o	18.8658	17.7778	0.03	0.71878
2 34 3 8 1 o	21.4349	20.1177	180.32	0.71868
6 29 4 8 1 o	144.2790	135.2833	180.55	0.71866
16 11 3 8 1 o	414.4738	388.6529	0.87	0.71859
6 34 2 8 1 o	83.4574	78.0790	180.84	0.71859
11 16 5 8 1 o	125.3368	117.3402	180.59	0.71858
11 26 3 8 1 o	334.7270	312.2543	180.61	0.71850
17 14 1 8 1 o	156.7009	145.8774	180.98	0.71840
9 29 3 8 1 o	21.5441	19.9763	359.72	0.71833
4 20 6 8 1 o	37.9950	35.1222	181.23	0.71829
1 11 7 8 1 o	5.7720	5.3152	0.72	0.71820
12 20 4 8 1 o	26.5913	24.5048	0.36	0.71797
8 27 4 8 1 o	2.6574	2.4269	1.46	0.71788
2 37 1 8 1 o	0.9955	0.9068	0.08	0.71787
17 15 0 4 1 o	89.2728	81.3939	181.61	0.71770
16 16 2 8 1 o	3.8624	3.5269	359.13	0.71761
5 5 7 8 1 o	348.4653	312.4092	0.56	0.71754
17 11 2 8 1 o	100.2202	91.5010	180.20	0.71746
13 8 5 8 1 o	281.2533	258.2771	181.13	0.71726
13 22 3 8 1 o	496.3418	447.8190	0.80	0.71718
4 8 7 8 1 o	392.0413	345.0465	1.48	0.71703
10 30 2 8 1 o	111.5051	98.5984	0.82	0.71683
6 18 6 8 1 o	11.7372	10.2590	3.22	0.71673
12 13 5 8 1 o	3.9656	3.5926	1.82	0.71668
15 16 3 8 1 o	829.7430	748.6653	0.30	0.71665
2 36 2 8 1 o	566.6177	494.3041	181.20	0.71643
3 31 4 8 1 o	9.4513	8.1958	0.92	0.71635
8 34 0 4 1 o	134.7701	117.0020	0.55	0.71603
10 8 6 8 1 o	15.8975	14.2035	179.93	0.71598
14 14 4 8 1 o	43.2686	39.3236	0.07	0.71553
9 12 6 8 1 o	17.1027	15.1701	181.49	0.71550
18 8 1 8 1 o	179.0692	160.6854	181.32	0.71542
3 27 5 8 1 o	237.1540	204.4916	181.39	0.71533
9 33 0 4 1 o	0.3461	0.3019	201.24	0.71531
3 10 7 8 1 o	39.7928	34.4204	1.31	0.71520
3 21 6 8 1 o	27.6761	23.9420	179.94	0.71520
5 30 4 8 1 o	56.9417	49.7514	180.63	0.71516
2 11 7 8 1 o	20.5513	17.8390	1.33	0.71508
13 27 0 4 1 o	6.4570	5.7233	179.95	0.71492
11 30 1 8 1 o	0.0533	0.0471	222.13	0.71492
5 6 7 8 1 o	23.4814	20.6497	182.25	0.71476
13 25 2 8 1 o	16.8797	15.2171	180.11	0.71469
17 1 3 8 1 o	83.7102	77.8854	0.03	0.71465
5 36 1 8 1 o	85.3401	76.6683	0.42	0.71452

15 9 4 8 1 o	46.4198	43.4495	180.07	0.71448
12 27 2 8 1 o	0.4311	0.3932	175.81	0.71437
7 35 0 4 1 o	1032.2002	944.9421	180.78	0.71418
17 2 3 8 1 o	17.9260	17.0950	359.60	0.71390
10 19 5 8 1 o	132.8040	125.2311	0.45	0.71386
5 33 3 8 1 o	147.0740	137.7355	180.34	0.71381
0 22 6 4 1 o	348.0395	327.7103	0.42	0.71369
9 26 4 8 1 o	13.7148	13.0300	179.75	0.71364
6 25 5 8 1 o	320.9706	304.7748	0.47	0.71359
3 34 3 8 1 o	18.8908	18.0528	2.15	0.71349
15 20 2 8 1 o	625.1723	602.5798	180.66	0.71342
9 21 5 8 1 o	44.5835	43.0413	359.06	0.71337
10 28 3 8 1 o	59.6299	58.6823	180.48	0.71303
13 9 5 8 1 o	1794.8762	1774.9349	0.64	0.71299
18 10 0 4 1 o	276.0988	272.5673	180.57	0.71297
16 12 3 8 1 o	0.1581	0.1575	191.31	0.71280
4 9 7 8 1 o	666.4047	668.1254	0.57	0.71276
8 15 6 8 1 o	494.4950	495.5054	0.70	0.71270
3 37 1 8 1 o	57.6029	57.8025	180.21	0.71270
1 22 6 8 1 o	448.0390	451.7643	180.37	0.71266
17 3 3 8 1 o	101.4591	101.7430	180.34	0.71265
5 35 2 8 1 o	0.0297	0.0300	72.37	0.71260
7 24 5 8 1 o	680.1093	689.8930	180.64	0.71249
1 12 7 8 1 o	106.2684	108.6196	180.69	0.71242
6 1 7 8 1 o	20.2474	20.9048	180.62	0.71222
5 26 5 8 1 o	43.8288	45.3527	358.61	0.71215
7 17 6 8 1 o	357.2043	369.5201	180.87	0.71211
15 22 1 8 1 o	120.4804	124.3416	180.84	0.71210
10 32 0 4 1 o	83.2477	86.3872	0.56	0.71205
18 0 2 4 1 o	888.8589	926.4388	180.58	0.71175
10 9 6 8 1 o	8.8095	9.2107	180.06	0.71173
17 12 2 8 1 o	0.7444	0.7786	180.76	0.71170
5 7 7 8 1 o	21.8970	23.3146	179.30	0.71152
18 1 2 8 1 o	177.4073	186.7991	1.09	0.71150
6 2 7 8 1 o	271.3728	289.5142	180.70	0.71148
3 36 2 8 1 o	220.3640	236.3826	1.60	0.71129
13 18 4 8 1 o	2449.3230	2607.1360	180.81	0.71127
18 9 1 8 1 o	294.5269	315.3126	180.85	0.71118
17 15 1 8 1 o	48.2006	51.7944	0.07	0.71112
16 19 1 8 1 o	2.2141	2.3930	0.78	0.71102
14 23 2 8 1 o	722.4053	782.3129	180.74	0.71098
17 4 3 8 1 o	284.3688	305.5965	181.02	0.71092
18 2 2 8 1 o	14.9556	16.2287	182.09	0.71076
14 20 3 8 1 o	45.9677	50.7545	359.95	0.71045
11 0 6 4 1 o	276.5224	304.2744	181.08	0.71043
11 17 5 8 1 o	50.8343	56.3982	0.05	0.71031
6 3 7 8 1 o	106.3493	120.0440	0.21	0.71024
11 1 6 8 1 o	514.2773	571.6622	180.50	0.71018
11 29 2 8 1 o	496.1648	562.9244	180.42	0.71002
3 11 7 8 1 o	397.0843	454.6024	180.34	0.70998
12 14 5 8 1 o	84.2193	94.5074	359.41	0.70995
0 32 4 4 1 o	10.5646	12.1561	359.99	0.70987
1 28 5 8 1 o	342.3353	395.2346	180.58	0.70982
6 36 0 4 1 o	151.4925	174.2722	179.96	0.70981

0 38 0 2 1 o	266.7798	307.1438	359.97	0.70979
15 10 4 8 1 o	11.9093	13.3675	179.56	0.70977
2 22 6 8 1 o	195.6174	228.5036	180.17	0.70962
18 3 2 8 1 o	325.0070	370.7374	180.88	0.70953
8 34 1 8 1 o	99.4661	116.2627	1.10	0.70950
11 2 6 8 1 o	62.5436	71.6363	0.92	0.70945
16 17 2 8 1 o	688.2108	796.7917	0.74	0.70937
2 12 7 8 1 o	1.9164	2.2692	3.02	0.70937
11 23 4 8 1 o	86.8660	100.9968	180.20	0.70935
9 13 6 8 1 o	64.1711	75.0128	0.66	0.70928
4 31 4 8 1 o	94.9911	113.1328	1.33	0.70920
5 20 6 8 1 o	60.5976	73.0212	180.49	0.70906
8 23 5 8 1 o	9.6502	11.5620	179.20	0.70888
1 32 4 8 1 o	1.5631	1.8996	2.29	0.70886
9 33 1 8 1 o	919.3282	1112.8550	0.73	0.70880
17 5 3 8 1 o	66.8251	77.9750	0.55	0.70871
6 4 7 8 1 o	617.5751	765.2448	180.77	0.70852
15 17 3 8 1 o	4.9572	5.9126	0.04	0.70845
13 27 1 8 1 o	1096.8795	1344.2554	0.98	0.70843
14 15 4 8 1 o	16.7033	19.8380	181.02	0.70833
13 10 5 8 1 o	342.2216	404.5906	180.74	0.70830
11 3 6 8 1 o	97.0511	116.1280	181.36	0.70822
4 27 5 8 1 o	78.7222	98.9615	181.36	0.70820
4 10 7 8 1 o	316.3144	400.2022	1.37	0.70808
4 21 6 8 1 o	103.2275	130.6238	1.10	0.70807
16 20 0 4 1 o	240.5110	298.5549	180.94	0.70789
5 8 7 8 1 o	20.5769	26.2881	1.11	0.70784
18 4 2 8 1 o	241.5343	291.8035	180.81	0.70781
12 21 4 8 1 o	96.6623	118.4693	1.47	0.70776
7 35 1 8 1 o	36.3238	46.0695	180.18	0.70770
12 25 3 8 1 o	829.5781	1031.2681	180.52	0.70766
6 19 6 8 1 o	43.6032	56.0377	1.35	0.70754
15 23 0 4 1 o	892.5282	1125.3062	180.88	0.70749
0 13 7 4 1 o	43.0999	56.0156	359.56	0.70728
10 10 6 8 1 o	431.9750	536.3462	180.36	0.70707
10 25 4 8 1 o	42.9413	54.1405	179.37	0.70697
2 28 5 8 1 o	318.7526	416.7454	0.70	0.70681
14 25 1 8 1 o	497.5240	633.7383	0.62	0.70674
16 13 3 8 1 o	558.0605	683.7341	0.86	0.70665
8 33 2 8 1 o	115.2107	148.0920	181.11	0.70665
18 10 1 8 1 o	392.3207	488.0580	180.83	0.70652
11 4 6 8 1 o	165.5275	203.4904	0.37	0.70652
4 34 3 8 1 o	10.5628	13.6185	179.93	0.70642
11 31 0 4 1 o	87.5383	112.3467	0.66	0.70634
6 5 7 8 1 o	159.3908	207.5633	180.38	0.70633
1 13 7 8 1 o	4.4457	5.7835	0.37	0.70628
12 29 1 8 1 o	91.4718	116.6059	180.65	0.70617
13 23 3 8 1 o	119.4473	148.8303	180.38	0.70603
17 6 3 8 1 o	92.4223	112.1058	1.15	0.70603
8 31 3 8 1 o	163.2119	206.6230	0.67	0.70589
2 32 4 8 1 o	24.9619	31.9567	0.43	0.70586
2 38 0 4 1 o	122.8867	155.7408	180.22	0.70578
4 37 1 8 1 o	0.0298	0.0377	178.14	0.70566
18 5 2 8 1 o	0.1835	0.2234	159.08	0.70563

0 35 3 4 1 o	290.7131	367.8086	180.42	0.70563
10 32 1 8 1 o	103.9607	130.9491	180.39	0.70563
17 13 2 8 1 o	564.9153	691.5218	0.57	0.70558
7 32 3 8 1 o	328.2063	412.0144	0.97	0.70555
9 32 2 8 1 o	55.9305	69.9732	0.72	0.70548
14 1 5 8 1 o	376.6049	450.1398	0.23	0.70540
7 29 4 8 1 o	38.5612	48.1188	0.69	0.70541
11 27 3 8 1 o	174.4249	215.6132	180.74	0.70536
7 34 2 8 1 o	396.9371	495.0981	180.38	0.70535
8 16 6 8 1 o	118.1724	145.4034	0.16	0.70511
14 2 5 8 1 o	41.7155	49.3658	0.34	0.70468
15 11 4 8 1 o	2.5044	2.9749	0.98	0.70466
1 35 3 8 1 o	35.5422	43.1833	0.47	0.70464
3 22 6 8 1 o	96.3457	117.2206	0.51	0.70462
3 12 7 8 1 o	5.4814	6.6025	1.88	0.70439
11 5 6 8 1 o	0.9641	1.1445	186.09	0.70435
10 20 5 8 1 o	29.3199	34.9464	179.57	0.70430
8 28 4 8 1 o	321.6999	384.8220	180.26	0.70429
4 36 2 8 1 o	38.3300	45.9069	1.88	0.70429
6 30 4 8 1 o	20.0367	23.8080	180.04	0.70406
9 30 3 8 1 o	867.7625	1020.7394	0.76	0.70376
5 9 7 8 1 o	339.7141	399.1540	180.60	0.70373
6 6 7 8 1 o	422.8009	495.9987	0.79	0.70368
17 16 1 8 1 o	3.7760	4.4194	359.23	0.70358
7 18 6 8 1 o	29.5584	34.5935	0.82	0.70358
14 3 5 8 1 o	46.0643	53.5214	1.50	0.70348
6 36 1 8 1 o	7.8764	9.1836	179.91	0.70345
15 21 2 8 1 o	82.5846	96.2765	180.25	0.70341
2 13 7 8 1 o	2.0290	2.3534	177.61	0.70332
13 11 5 8 1 o	1.0498	1.2177	358.01	0.70323
16 0 4 4 1 o	13.3288	15.4138	2.28	0.70314
5 37 0 4 1 o	32.2194	37.2224	3.74	0.70307
4 11 7 8 1 o	0.7767	0.8939	184.72	0.70301
18 6 2 8 1 o	37.0794	42.9014	359.84	0.70299
12 15 5 8 1 o	655.1736	757.3416	180.81	0.70292
17 7 3 8 1 o	2.9106	3.3618	1.03	0.70291
16 1 4 8 1 o	1109.1027	1279.2533	180.71	0.70290
9 22 5 8 1 o	23.3745	26.9704	180.95	0.70288
6 33 3 8 1 o	21.9524	25.2291	180.97	0.70277
9 14 6 8 1 o	34.3423	39.5671	180.16	0.70275
1 38 1 8 1 o	104.0186	119.0921	180.36	0.70245
13 19 4 8 1 o	55.5847	63.8613	180.92	0.70229
18 12 0 4 1 o	390.6768	448.4264	180.15	0.70226
13 26 2 8 1 o	30.6989	35.1862	180.05	0.70223
16 2 4 8 1 o	52.0972	59.7612	180.65	0.70218
10 11 6 8 1 o	72.6144	83.2970	0.50	0.70202
17 17 0 4 1 o	8.0472	9.2227	3.22	0.70197
3 28 5 8 1 o	212.2077	241.9678	0.96	0.70188
10 31 2 8 1 o	0.0344	0.0393	175.93	0.70187
11 18 5 8 1 o	33.0572	37.9137	180.30	0.70185
14 4 5 8 1 o	791.0776	906.3410	0.56	0.70181
1 23 6 8 1 o	71.6622	81.7636	1.10	0.70172
11 6 6 8 1 o	171.5255	196.7129	180.77	0.70172
2 35 3 8 1 o	16.5244	18.8863	180.52	0.70170

6 35 2 8 1 o	710.5491	812.8309	180.91	0.70162
16 20 1 8 1 o	66.0704	75.7341	0.35	0.70158
1 37 2 8 1 o	586.1702	670.5701	0.52	0.70157
18 11 1 8 1 o	42.6638	48.9327	180.91	0.70149
15 23 1 8 1 o	188.4373	216.3137	1.04	0.70119
6 26 5 8 1 o	453.7972	520.4333	0.96	0.70119
16 3 4 8 1 o	105.1502	120.3893	0.82	0.70100
12 28 2 8 1 o	15.9858	18.3772	0.82	0.70098
3 32 4 8 1 o	129.3219	148.5844	359.86	0.70095
16 18 2 8 1 o	329.5055	378.7188	0.91	0.70094
14 16 4 8 1 o	25.6399	29.4331	181.32	0.70088
14 26 0 4 1 o	638.6137	735.2874	180.21	0.70080
9 27 4 8 1 o	2.6875	3.0954	181.73	0.70076
7 25 5 8 1 o	137.2744	158.3821	179.81	0.70062
6 7 7 8 1 o	425.3327	490.6812	0.25	0.70059
14 21 3 8 1 o	136.6036	157.3628	181.12	0.70055
5 31 4 8 1 o	254.2993	294.6767	180.36	0.70030
16 14 3 8 1 o	13.4283	15.4676	1.26	0.70020
19 1 0 4 1 o	1984.1976	2292.7402	0.57	0.70012
11 31 1 8 1 o	153.6700	178.6209	180.38	0.70007
15 18 3 8 1 o	86.1747	99.5277	0.53	0.70005
18 7 2 8 1 o	394.8546	455.7751	180.06	0.69991
1 14 7 8 1 o	1.2024	1.4061	179.01	0.69984
14 5 5 8 1 o	59.5019	68.3399	181.08	0.69969
14 24 2 8 1 o	87.7566	102.2936	181.07	0.69964
2 38 1 8 1 o	126.4254	148.3273	180.16	0.69953
17 8 3 8 1 o	36.8409	42.4898	181.66	0.69935
16 4 4 8 1 o	238.5329	273.9303	180.54	0.69935
5 27 5 8 1 o	151.4939	178.6409	0.50	0.69934
7 1 7 8 1 o	23.5018	27.7348	0.68	0.69932
10 29 3 8 1 o	46.8540	54.9918	0.35	0.69924
5 10 7 8 1 o	87.1106	103.1089	0.20	0.69922
5 21 6 8 1 o	269.8479	319.4250	180.68	0.69922
15 12 4 8 1 o	417.1594	480.9212	0.59	0.69920
17 14 2 8 1 o	626.2326	727.9346	0.74	0.69915
2 23 6 8 1 o	22.9010	27.2604	1.05	0.69882
2 37 2 8 1 o	710.1588	841.4911	180.60	0.69866
11 7 6 8 1 o	105.5411	122.3839	0.56	0.69865
7 2 7 8 1 o	27.4767	32.6815	0.53	0.69861
3 13 7 8 1 o	0.1667	0.1988	186.52	0.69846
12 30 0 4 1 o	81.8732	96.8305	181.33	0.69837
19 3 0 4 1 o	2557.9507	2974.3958	180.65	0.69824
6 20 6 8 1 o	227.9490	271.0294	180.02	0.69824
11 24 4 8 1 o	884.3056	1032.1040	0.86	0.69809
4 22 6 8 1 o	345.8428	409.9809	0.10	0.69781
13 12 5 8 1 o	20.8757	23.9263	359.54	0.69779
8 24 5 8 1 o	0.3632	0.4245	10.65	0.69765
5 34 3 8 1 o	290.2809	340.8421	180.98	0.69763
4 12 7 8 1 o	184.3802	217.5135	180.79	0.69758
12 22 4 8 1 o	43.7573	50.4995	180.61	0.69751
7 3 7 8 1 o	85.6774	100.5301	180.81	0.69744
8 17 6 8 1 o	221.1766	256.6204	180.68	0.69729
16 5 4 8 1 o	707.4294	799.6860	180.82	0.69724
0 29 5 4 1 o	1.1171	1.3031	1.20	0.69717

14 6 5 8 1 o	16.2630	18.3562	1.69	0.69711
6 8 7 8 1 o	1192.1914	1386.4595	180.87	0.69707
2 14 7 8 1 o	64.2560	74.4337	181.46	0.69695
5 37 1 8 1 o	178.2620	205.3157	180.03	0.69689
3 35 3 8 1 o	14.4127	16.6022	359.92	0.69687
10 12 6 8 1 o	251.7434	285.0973	1.06	0.69662
18 8 2 8 1 o	107.1481	120.1819	0.56	0.69640
1 29 5 8 1 o	23.0934	26.1409	0.85	0.69622
18 12 1 8 1 o	1415.3904	1581.7090	0.62	0.69609
11 30 2 8 1 o	473.2492	529.5034	180.62	0.69594
9 15 6 8 1 o	312.7912	349.0473	180.89	0.69594
17 17 1 8 1 o	128.1812	142.4279	0.02	0.69582
7 4 7 8 1 o	40.3166	45.1049	180.17	0.69582
12 16 5 8 1 o	4.4690	4.9195	0.23	0.69563
5 36 2 8 1 o	44.2688	49.1209	181.03	0.69557
12 26 3 8 1 o	2.4504	2.7065	179.87	0.69556
17 9 3 8 1 o	6.4591	7.0434	181.27	0.69539
13 28 1 8 1 o	0.0112	0.0123	40.31	0.69536
11 8 6 8 1 o	420.3290	456.9025	0.38	0.69516
4 28 5 8 1 o	172.0920	189.1418	181.39	0.69514
13 24 3 8 1 o	329.0090	356.3324	0.52	0.69493
10 26 4 8 1 o	48.8655	52.9466	0.24	0.69490
7 19 6 8 1 o	1510.4968	1642.1399	180.70	0.69489
3 38 1 8 1 o	0.2247	0.2431	185.33	0.69475
16 6 4 8 1 o	39.8087	42.4908	180.11	0.69469
14 26 1 8 1 o	203.6331	219.2774	1.07	0.69468
10 21 5 8 1 o	1.1083	1.1895	188.31	0.69466
19 5 0 4 1 o	324.0450	345.7402	0.72	0.69453
5 11 7 8 1 o	62.1931	66.3617	0.80	0.69434
4 32 4 8 1 o	1.7374	1.8427	179.38	0.69424
4 38 0 4 1 o	12.0407	12.7179	182.26	0.69416
14 7 5 8 1 o	301.0635	315.9102	180.87	0.69410
3 23 6 8 1 o	150.5605	158.4155	181.21	0.69405
0 15 7 4 1 o	11.2186	11.8026	0.33	0.69404
19 1 1 8 1 o	638.8512	668.8746	0.47	0.69401
3 37 2 8 1 o	213.9794	223.2556	180.73	0.69390
7 5 7 8 1 o	246.2705	255.0709	180.67	0.69374
1 33 4 8 1 o	30.1817	30.8140	0.85	0.69346
16 15 3 8 1 o	278.5081	285.8136	359.97	0.69345
15 13 4 8 1 o	118.8203	121.9080	0.53	0.69340
2 29 5 8 1 o	577.8404	587.0021	180.53	0.69337
15 22 2 8 1 o	483.1873	492.1464	180.71	0.69334
19 2 1 8 1 o	8.4837	8.6568	0.89	0.69333
11 19 5 8 1 o	48.6679	49.4140	0.12	0.69322
14 17 4 8 1 o	236.1821	240.3340	181.09	0.69320
13 20 4 8 1 o	25.9110	26.3027	1.89	0.69318
6 9 7 8 1 o	4.3115	4.3280	2.98	0.69315
8 35 1 8 1 o	480.8018	483.6036	0.34	0.69315
1 15 7 8 1 o	1395.6707	1397.5963	180.79	0.69310
9 34 1 8 1 o	23.5444	23.4662	359.76	0.69295
18 9 2 8 1 o	0.6397	0.6357	359.61	0.69249
11 28 3 8 1 o	0.2929	0.2871	1.23	0.69246
17 15 2 8 1 o	462.2923	457.2077	180.58	0.69244
9 23 5 8 1 o	22.4299	21.9445	181.25	0.69238

16 19 2 8 1 o	888.5083	873.3588	0.72	0.69234
12 30 1 8 1 o	81.0563	78.6371	181.69	0.69231
3 14 7 8 1 o	86.3593	82.7850	0.50	0.69222
19 3 1 8 1 o	120.4046	118.3491	180.69	0.69218
16 21 1 8 1 o	0.0996	0.0965	170.42	0.69204
13 13 5 8 1 o	0.6576	0.6491	356.89	0.69203
4 13 7 8 1 o	2.8703	2.7074	359.39	0.69182
0 24 6 4 1 o	1206.6593	1135.7144	0.91	0.69175
16 7 4 8 1 o	128.8628	127.4005	180.34	0.69172
7 30 4 8 1 o	166.8158	158.1067	180.52	0.69159
15 19 3 8 1 o	0.2580	0.2500	180.76	0.69148
11 9 6 8 1 o	50.5399	49.0273	359.89	0.69127
7 6 7 8 1 o	185.0215	172.7556	0.64	0.69123
8 32 3 8 1 o	6.4750	6.1080	1.58	0.69113
17 10 3 8 1 o	36.8466	35.9937	182.54	0.69104
7 36 1 8 1 o	118.1917	111.0552	0.35	0.69101
8 29 4 8 1 o	114.2577	108.0273	179.73	0.69099
8 34 2 8 1 o	703.3280	662.2941	180.54	0.69094
10 13 6 8 1 o	21.7377	20.9121	179.93	0.69088
1 24 6 8 1 o	506.6446	471.7779	0.65	0.69082
14 8 5 8 1 o	133.4335	131.2594	1.23	0.69068
2 33 4 8 1 o	173.4909	162.7110	0.57	0.69066
1 39 0 4 1 o	62.4391	58.9631	180.26	0.69066
14 22 3 8 1 o	15.8786	15.3289	179.44	0.69061
19 4 1 8 1 o	30.6988	29.7788	0.62	0.69059
10 33 1 8 1 o	0.1668	0.1585	201.40	0.69044
18 13 1 8 1 o	123.6373	119.8568	181.01	0.69037
7 33 3 8 1 o	95.3519	90.8916	0.08	0.69037
15 24 1 8 1 o	87.2061	83.8504	0.44	0.69031
2 15 7 8 1 o	27.4604	25.9810	0.47	0.69030
9 33 2 8 1 o	277.4511	265.3139	181.09	0.69030
4 35 3 8 1 o	341.8141	326.0406	180.37	0.69027
18 14 0 4 1 o	632.8265	614.6413	0.97	0.69020
13 27 2 8 1 o	34.9004	34.0098	0.89	0.68995
6 31 4 8 1 o	93.6599	91.1400	181.42	0.68987
9 31 3 8 1 o	39.6626	39.2387	180.24	0.68958
5 22 6 8 1 o	169.9102	170.7057	180.40	0.68933
8 18 6 8 1 o	339.3884	340.8423	180.97	0.68928
7 35 2 8 1 o	1321.3169	1328.8381	180.74	0.68927
5 12 7 8 1 o	155.9303	158.9037	181.06	0.68911
19 7 0 4 1 o	49.5281	49.9709	0.69	0.68907
6 27 5 8 1 o	266.2649	272.4008	0.33	0.68896
9 16 6 8 1 o	54.9020	55.9108	0.71	0.68886
7 26 5 8 1 o	2231.5210	2286.4263	0.72	0.68886
6 10 7 8 1 o	1673.5549	1730.5428	180.78	0.68884
6 21 6 8 1 o	74.6408	77.0026	181.59	0.68884
3 29 5 8 1 o	99.0716	103.0069	0.15	0.68872
19 5 1 8 1 o	238.8508	243.4236	181.18	0.68856
14 25 2 8 1 o	229.9822	236.8023	180.36	0.68839
13 29 0 4 1 o	4.2469	4.4070	177.17	0.68835
16 8 4 8 1 o	0.0427	0.0434	179.60	0.68833
7 7 7 8 1 o	27.7190	29.0257	359.30	0.68830
16 22 0 4 1 o	1306.5857	1349.5995	180.71	0.68826
12 0 6 4 1 o	261.2001	266.0951	1.52	0.68823

4 38 1 8 1 o	241.3653	251.4543	180.29	0.68821
18 10 2 8 1 o	41.4452	42.3388	181.21	0.68819
1 36 3 8 1 o	117.0974	122.3074	180.41	0.68816
12 17 5 8 1 o	30.6427	31.3192	0.58	0.68812
9 28 4 8 1 o	897.5402	928.7968	180.37	0.68810
2 24 6 8 1 o	390.5359	410.3521	181.07	0.68805
12 1 6 8 1 o	8.2299	8.3901	0.39	0.68800
12 29 2 8 1 o	118.0363	122.1308	0.57	0.68786
17 18 1 8 1 o	23.8702	24.5508	180.60	0.68785
4 23 6 8 1 o	222.1240	230.7920	180.69	0.68753
4 37 2 8 1 o	546.2711	562.4930	0.99	0.68739
10 32 2 8 1 o	157.9788	162.2841	0.25	0.68736
12 2 6 8 1 o	39.7822	40.4451	180.56	0.68733
6 34 3 8 1 o	25.2324	25.9200	180.46	0.68732
15 14 4 8 1 o	53.6629	54.5311	181.99	0.68729
12 23 4 8 1 o	121.2732	123.5565	1.05	0.68724
11 10 6 8 1 o	34.1537	34.6214	180.77	0.68700
11 25 4 8 1 o	2.6303	2.6650	180.64	0.68691
14 9 5 8 1 o	529.4220	535.7274	0.78	0.68686
5 28 5 8 1 o	629.7432	636.0003	180.99	0.68676
6 37 1 8 1 o	37.9629	38.1749	359.87	0.68661
8 25 5 8 1 o	165.5145	166.0415	0.79	0.68649
16 16 3 8 1 o	3.2927	3.3124	359.79	0.68645
17 11 3 8 1 o	7.5298	7.5700	0.86	0.68633
12 3 6 8 1 o	9.4527	9.4931	181.24	0.68622
19 6 1 8 1 o	97.5660	97.6037	180.99	0.68611
1 16 7 8 1 o	18.6093	18.4374	359.98	0.68612
7 20 6 8 1 o	35.2975	35.0311	0.09	0.68607
3 33 4 8 1 o	162.4276	160.9328	0.67	0.68605
13 14 5 8 1 o	272.6158	272.9936	180.92	0.68596
5 32 4 8 1 o	285.2487	282.0514	0.54	0.68589
10 30 3 8 1 o	3.1435	3.1131	2.76	0.68577
4 14 7 8 1 o	684.2827	673.4861	0.88	0.68575
3 15 7 8 1 o	895.8791	881.0864	0.72	0.68570
0 39 1 4 1 o	9.8324	9.7033	1.51	0.68570
11 32 1 8 1 o	20.8350	20.5662	180.09	0.68567
17 16 2 8 1 o	207.3732	206.0081	0.90	0.68547
17 19 0 4 1 o	111.1150	109.9228	1.84	0.68545
2 36 3 8 1 o	92.0254	90.4636	0.25	0.68542
6 36 2 8 1 o	2.2155	2.1789	179.55	0.68535
14 18 4 8 1 o	35.0362	34.8685	180.61	0.68532
0 38 2 4 1 o	1.0784	1.0600	180.31	0.68533
8 1 7 8 1 o	76.1177	74.8968	180.07	0.68527
15 25 0 4 1 o	222.6134	219.3414	180.48	0.68522
7 8 7 8 1 o	410.7791	402.4287	0.68	0.68496
10 22 5 8 1 o	57.4743	56.7899	0.06	0.68496
10 14 6 8 1 o	1.1132	1.1014	177.24	0.68484
1 39 1 8 1 o	109.8257	107.8411	1.20	0.68479
12 4 6 8 1 o	17.4925	17.4194	0.15	0.68467
8 2 7 8 1 o	2.6679	2.6233	4.98	0.68460
16 9 4 8 1 o	119.5163	119.3569	0.20	0.68455
11 20 5 8 1 o	392.7390	389.1401	0.47	0.68446
1 38 2 8 1 o	52.9690	52.0649	0.19	0.68442
18 14 1 8 1 o	289.3454	286.6253	180.92	0.68434



6 11 7 8 1 o	0.2093	0.2056 188.36 0.68417
13 21 4 8 1 o	2.2051	2.1928 182.56 0.68398
13 25 3 8 1 o	24.9907	24.7962 359.57 0.68390
16 20 2 8 1 o	707.6513	704.5123 180.66 0.68362
12 27 3 8 1 o	1517.2172	1507.8698 0.97 0.68362
5 13 7 8 1 o	74.4584	73.6702 0.90 0.68355
18 11 2 8 1 o	4.5429	4.5386 359.33 0.68353
8 3 7 8 1 o	6.1704	6.1245 1.12 0.68350
3 24 6 8 1 o	24.0406	23.8065 181.66 0.68349
2 16 7 8 1 o	169.1690	167.7579 180.61 0.68340
9 35 0 4 1 o	909.2305	903.4351 0.85 0.68337
3 39 0 4 1 o	84.3336	83.8528 1.00 0.68333
15 23 2 8 1 o	32.0094	31.9608 181.90 0.68326
19 7 1 8 1 o	141.0257	141.1690 180.88 0.68324
8 36 0 4 1 o	408.1454	407.0240 181.26 0.68312
10 27 4 8 1 o	0.4089	0.4094 355.89 0.68299
1 30 5 8 1 o	5.8466	5.8425 1.14 0.68292
15 20 3 8 1 o	0.0655	0.0659 5.63 0.68279
14 27 1 8 1 o	154.0333	154.5903 180.78 0.68278
12 5 6 8 1 o	94.9043	95.7568 180.45 0.68269
14 10 5 8 1 o	286.2702	289.2064 0.92 0.68267
13 29 1 8 1 o	11.6994	11.7860 182.53 0.68255
16 22 1 8 1 o	623.9574	629.9670 180.75 0.68245
11 11 6 8 1 o	182.5878	184.7902 180.52 0.68237
4 29 5 8 1 o	7.6885	7.7703 0.67 0.68235
11 31 2 8 1 o	56.2288	56.9815 0.58 0.68222
2 39 1 8 1 o	54.9654	55.8475 180.92 0.68209
5 35 3 8 1 o	100.0580	101.7188 0.21 0.68206
19 9 0 4 1 o	44.4414	45.2070 180.19 0.68198
8 4 7 8 1 o	52.6616	53.6240 1.51 0.68197
9 24 5 8 1 o	270.0290	275.1691 1.17 0.68190
2 38 2 8 1 o	432.7986	443.0472 0.46 0.68172
9 17 6 8 1 o	881.2534	902.6956 0.86 0.68157
10 34 0 4 1 o	633.6342	652.5699 0.53 0.68140
17 12 3 8 1 o	183.6605	188.0805 0.83 0.68127
7 9 7 8 1 o	519.8525	537.8721 180.74 0.68124
18 1 3 8 1 o	86.0345	88.1485 0.71 0.68110
8 19 6 8 1 o	88.1780	91.0737 180.94 0.68110
3 36 3 8 1 o	37.1140	38.5183 180.45 0.68092
15 15 4 8 1 o	33.2373	34.1109 179.74 0.68091
14 23 3 8 1 o	481.0620	495.9617 0.67 0.68064
7 37 0 4 1 o	1513.9674	1573.3419 180.83 0.68064
18 2 3 8 1 o	4.9436	5.0748 0.29 0.68045
12 18 5 8 1 o	16.4674	16.9441 180.59 0.68042
16 10 4 8 1 o	24.1723	24.8099 180.10 0.68040
12 6 6 8 1 o	1575.0177	1618.0350 0.57 0.68030
2 30 5 8 1 o	0.0602	0.0628 178.74 0.68024
5 38 1 8 1 o	4.1453	4.2983 359.86 0.68007
8 5 7 8 1 o	0.6921	0.7164 177.92 0.68002
19 8 1 8 1 o	172.6401	177.4330 180.42 0.67998
1 25 6 8 1 o	126.0218	131.0224 0.56 0.67998
11 29 3 8 1 o	63.4285	65.3126 0.61 0.67980
0 17 7 4 1 o	427.0823	442.4201 180.36 0.67979
4 33 4 8 1 o	31.9458	33.0036 358.65 0.67976

17 19 1 8 1 o	65.5590	67.3322	0.98	0.67972
13 15 5 8 1 o	341.7713	349.8510	0.74	0.67961
15 25 1 8 1 o	323.2513	331.2116	0.72	0.67949
0 34 4 4 1 o	18.6055	19.1137	0.98	0.67948
5 23 6 8 1 o	1241.1918	1273.5104	0.78	0.67942
4 15 7 8 1 o	27.5011	28.2155	179.91	0.67942
6 22 6 8 1 o	62.2669	63.7814	179.14	0.67938
18 3 3 8 1 o	4.7159	4.8184	180.97	0.67937
5 37 2 8 1 o	666.8873	680.9000	0.90	0.67928
16 17 3 8 1 o	362.7287	369.8543	0.20	0.67923
6 12 7 8 1 o	304.3324	309.8802	0.94	0.67916
3 16 7 8 1 o	0.1283	0.1297	172.34	0.67893
1 17 7 8 1 o	14.9859	15.1383	180.38	0.67890
12 31 1 8 1 o	158.0211	159.4838	0.40	0.67880
1 34 4 8 1 o	184.4893	184.9277	0.27	0.67860
18 12 2 8 1 o	15.6112	15.7875	179.67	0.67854
10 15 6 8 1 o	1.5594	1.5725	186.28	0.67853
15 1 5 8 1 o	15.2851	15.5375	359.81	0.67831
17 17 2 8 1 o	1061.2205	1068.7247	0.77	0.67828
14 11 5 8 1 o	183.3061	185.7338	180.78	0.67812
7 31 4 8 1 o	14.4513	14.4024	179.82	0.67813
18 15 1 8 1 o	30.0577	30.1713	180.75	0.67804
8 30 4 8 1 o	7.6030	7.5759	1.31	0.67799
18 4 3 8 1 o	37.5219	37.9898	180.77	0.67786
13 28 2 8 1 o	4.4990	4.4882	180.21	0.67786
5 14 7 8 1 o	48.6844	48.0513	180.06	0.67770
9 35 1 8 1 o	113.7967	112.9353	180.27	0.67769
15 2 5 8 1 o	11.9415	12.1291	359.91	0.67766
8 6 7 8 1 o	244.6796	243.0844	181.20	0.67765
3 39 1 8 1 o	123.7994	122.8316	180.86	0.67765
12 7 6 8 1 o	142.9203	144.3688	0.45	0.67751
8 36 1 8 1 o	82.3563	81.7337	180.45	0.67745
11 12 6 8 1 o	68.7120	69.1714	1.00	0.67740
2 25 6 8 1 o	15.8584	15.6627	0.43	0.67733
3 38 2 8 1 o	203.5981	202.1759	180.34	0.67729
14 19 4 8 1 o	310.8164	313.5305	181.05	0.67728
4 24 6 8 1 o	332.2189	328.3048	0.80	0.67727
7 27 5 8 1 o	126.7495	126.0631	1.02	0.67726
11 33 0 4 1 o	714.2351	710.0159	0.85	0.67724
14 26 2 8 1 o	3.3754	3.3755	1.97	0.67723
7 10 7 8 1 o	227.8375	225.8686	0.54	0.67715
7 21 6 8 1 o	168.7800	167.8465	0.90	0.67714
18 16 0 4 1 o	119.4416	119.9918	179.70	0.67702
12 24 4 8 1 o	373.0321	375.3963	180.50	0.67699
6 28 5 8 1 o	735.2582	733.2452	0.81	0.67692
8 33 3 8 1 o	860.2924	861.2191	0.64	0.67684
19 0 2 4 1 o	239.8474	243.2342	0.86	0.67683
19 1 2 8 1 o	10.3642	10.5365	179.69	0.67661
15 3 5 8 1 o	49.4520	50.5436	359.62	0.67660
14 28 0 4 1 o	55.3599	55.7583	180.08	0.67657
19 9 1 8 1 o	37.5534	38.2318	181.92	0.67633
2 17 7 8 1 o	245.0312	247.9233	0.47	0.67627
6 32 4 8 1 o	15.5421	15.8407	180.56	0.67608
6 38 0 4 1 o	115.6394	118.0895	179.84	0.67601

19 2 2 8 1 o	2.2249	2.2828	5.98	0.67597
2 34 4 8 1 o	558.8011	571.1970	0.63	0.67597
18 5 3 8 1 o	964.6483	991.5290	180.81	0.67595
17 13 3 8 1 o	68.9526	70.8406	0.56	0.67590
16 11 4 8 1 o	101.9635	104.9077	180.25	0.67590
3 30 5 8 1 o	67.6929	69.4767	181.18	0.67584
11 26 4 8 1 o	40.4141	41.4945	180.53	0.67582
9 32 3 8 1 o	453.0127	465.1217	180.70	0.67581
8 35 2 8 1 o	764.7702	785.2469	0.73	0.67581
10 34 1 8 1 o	18.5351	19.0533	359.00	0.67576
7 34 3 8 1 o	540.4027	556.3647	0.64	0.67570
9 29 4 8 1 o	10.8719	11.1943	0.12	0.67568
9 34 2 8 1 o	496.4646	511.8984	0.35	0.67563
11 21 5 8 1 o	11.2348	11.5851	2.63	0.67559
8 26 5 8 1 o	196.2091	203.0544	181.03	0.67542
10 23 5 8 1 o	90.5209	93.8841	180.35	0.67523
15 4 5 8 1 o	501.6129	522.0388	0.74	0.67511
12 30 2 8 1 o	458.4258	476.7427	180.61	0.67503
7 37 1 8 1 o	141.8290	147.6053	359.84	0.67503
19 3 2 8 1 o	144.0600	149.9884	181.19	0.67492
8 7 7 8 1 o	267.7365	278.7935	0.71	0.67489
16 21 2 8 1 o	4.4391	4.6250	358.73	0.67479
4 36 3 8 1 o	3.2211	3.3561	180.63	0.67476
13 22 4 8 1 o	179.8030	187.5031	0.64	0.67472
5 29 5 8 1 o	145.2045	151.1456	180.47	0.67441
12 8 6 8 1 o	44.8424	46.9967	0.20	0.67432
0 40 0 2 1 o	23.1540	24.1186	179.03	0.67430
15 16 4 8 1 o	102.4472	107.4337	181.23	0.67428
9 18 6 8 1 o	566.5153	592.4571	180.63	0.67408
15 21 3 8 1 o	45.1228	47.3894	180.56	0.67399
6 13 7 8 1 o	31.1926	32.3950	180.45	0.67384
7 36 2 8 1 o	169.4800	176.8943	180.97	0.67383
18 6 3 8 1 o	111.4044	118.0353	0.73	0.67362
19 4 2 8 1 o	35.7657	37.9742	2.46	0.67344
19 11 0 4 1 o	4.8336	5.1204	181.54	0.67342
10 33 2 8 1 o	5.1096	5.3977	4.95	0.67330
14 12 5 8 1 o	17.6160	18.8019	1.77	0.67325
18 13 2 8 1 o	88.3453	94.1463	181.05	0.67323
0 37 3 4 1 o	587.4333	620.3160	180.25	0.67323
15 5 5 8 1 o	91.9839	98.3008	1.08	0.67322
15 24 2 8 1 o	7.8270	8.3288	2.86	0.67318
13 16 5 8 1 o	68.3745	73.3129	0.41	0.67302
3 25 6 8 1 o	0.3563	0.3793	192.90	0.67299
13 26 3 8 1 o	195.9697	210.0694	180.02	0.67295
16 23 1 8 1 o	91.2395	98.1895	180.95	0.67283
4 16 7 8 1 o	1.5865	1.7024	7.04	0.67283
17 0 4 4 1 o	165.3925	178.2291	180.00	0.67282
8 20 6 8 1 o	122.3628	131.8446	181.04	0.67278
7 11 7 8 1 o	95.2183	102.8909	180.73	0.67271
10 31 3 8 1 o	395.0800	428.4286	180.62	0.67264
17 1 4 8 1 o	280.2756	303.4532	0.79	0.67261
12 19 5 8 1 o	5.7112	6.2075	181.78	0.67254
6 35 3 8 1 o	9.2442	10.1337	359.40	0.67242
1 37 3 8 1 o	6.7733	7.4454	180.53	0.67237

19 10 1 8 1 o	2.2690	2.4836	1.05	0.67233
11 13 6 8 1 o	101.2413	111.4649	179.73	0.67212
17 2 4 8 1 o	375.9859	412.7283	180.83	0.67199
10 16 6 8 1 o	334.6972	370.9488	0.66	0.67197
3 17 7 8 1 o	157.9215	177.5754	180.15	0.67194
5 33 4 8 1 o	119.7303	134.2152	0.43	0.67191
12 28 3 8 1 o	13.2324	14.7563	180.20	0.67185
16 18 3 8 1 o	37.1562	41.2055	180.25	0.67182
8 8 7 8 1 o	606.1154	681.4616	0.89	0.67174
11 33 1 8 1 o	137.7151	155.0180	181.83	0.67171
3 34 4 8 1 o	96.7222	109.4505	180.39	0.67165
5 15 7 8 1 o	373.9121	425.0354	180.42	0.67158
4 39 1 8 1 o	6.1646	6.9674	179.72	0.67158
19 5 2 8 1 o	2.0217	2.2511	3.17	0.67156
18 16 1 8 1 o	134.7060	151.0120	359.94	0.67150
1 18 7 8 1 o	11.8675	13.5120	179.75	0.67150
9 25 5 8 1 o	9.3852	10.5743	181.80	0.67147
17 20 1 8 1 o	7.9967	8.9900	179.92	0.67146
10 28 4 8 1 o	88.8287	100.4095	0.13	0.67126
4 38 2 8 1 o	30.4063	34.5854	180.38	0.67123
16 12 4 8 1 o	30.7046	34.3486	180.38	0.67107
14 28 1 8 1 o	219.5571	249.5089	1.11	0.67106
12 32 0 4 1 o	108.9440	124.1157	0.54	0.67103
17 3 4 8 1 o	36.4357	40.6876	0.00	0.67095
15 6 5 8 1 o	0.0759	0.0848	352.67	0.67092
18 7 3 8 1 o	100.6201	112.8934	181.02	0.67091
17 18 2 8 1 o	110.3575	124.7687	0.16	0.67090
2 40 0 4 1 o	70.0958	80.0349	179.87	0.67086
0 31 5 4 1 o	307.1827	352.1807	0.41	0.67080
12 9 6 8 1 o	16.9936	19.1481	180.26	0.67077
14 24 3 8 1 o	0.3043	0.3455	182.56	0.67068
6 38 1 8 1 o	94.8928	108.7833	0.43	0.67051
9 1 7 8 1 o	18.9593	21.6962	180.80	0.67032
17 14 3 8 1 o	292.3337	331.4173	180.98	0.67024
0 26 6 4 1 o	529.7568	612.7446	0.38	0.67007
13 30 1 8 1 o	13.2985	15.3195	178.94	0.67001
1 31 5 8 1 o	22.1863	25.7132	179.56	0.66995
6 23 6 8 1 o	40.7982	47.2758	1.33	0.66988
4 30 5 8 1 o	9.9910	11.5951	0.38	0.66982
2 37 3 8 1 o	22.1944	25.7024	0.40	0.66981
6 37 2 8 1 o	708.7135	820.5500	180.86	0.66975
9 2 7 8 1 o	2.9022	3.3442	359.64	0.66970
5 24 6 8 1 o	38.1408	44.5057	0.62	0.66951
17 4 4 8 1 o	1299.6500	1469.1099	180.65	0.66950
5 39 0 4 1 o	1.7677	2.0543	186.44	0.66936
19 6 2 8 1 o	106.0623	120.9254	179.72	0.66928
1 26 6 8 1 o	27.0697	31.6705	180.71	0.66922
14 20 4 8 1 o	54.3798	62.0999	0.45	0.66911
2 18 7 8 1 o	24.7897	29.0043	180.23	0.66895
11 32 2 8 1 o	297.6377	344.5293	180.23	0.66888
15 26 1 8 1 o	2.6368	3.0407	0.06	0.66876
9 3 7 8 1 o	27.6887	31.8426	2.53	0.66867
16 24 0 4 1 o	78.0178	89.5966	0.67	0.66852
17 21 0 4 1 o	4.3649	4.9913	184.67	0.66840

15 7 5 8 1 o	62.7908	70.6259	1.02	0.66824
6 14 7 8 1 o	528.4173	608.4626	180.91	0.66824
8 9 7 8 1 o	485.4101	555.2894	0.63	0.66823
7 22 6 8 1 o	37.4234	42.7482	0.41	0.66815
14 13 5 8 1 o	0.0443	0.0498	220.10	0.66806
1 39 2 8 1 o	138.5220	157.6538	180.45	0.66806
1 40 1 8 1 o	5.1383	5.8307	179.59	0.66800
19 11 1 8 1 o	13.5660	15.2938	182.53	0.66799
7 12 7 8 1 o	8.7713	9.9532	1.67	0.66795
18 8 3 8 1 o	32.0513	35.9083	180.76	0.66782
17 5 4 8 1 o	4.2317	4.7272	178.38	0.66765
18 14 2 8 1 o	282.2523	315.4693	0.72	0.66764
15 17 4 8 1 o	154.7519	172.2727	180.38	0.66743
2 31 5 8 1 o	55.6432	61.3044	0.27	0.66741
11 30 3 8 1 o	460.6983	510.1401	180.90	0.66741
9 4 7 8 1 o	52.0928	57.3730	0.47	0.66724
5 36 3 8 1 o	1.2829	1.3974	358.63	0.66709
4 25 6 8 1 o	129.5590	140.0297	0.07	0.66704
12 10 6 8 1 o	7.5048	8.2878	359.90	0.66686
12 25 4 8 1 o	462.2966	506.4367	180.29	0.66678
2 26 6 8 1 o	52.2441	55.8511	0.18	0.66670
11 22 5 8 1 o	69.1938	75.7977	180.55	0.66666
19 7 2 8 1 o	54.4982	60.0766	179.90	0.66662
11 14 6 8 1 o	2.2360	2.4563	181.60	0.66655
9 19 6 8 1 o	108.2236	117.7375	1.19	0.66642
13 0 6 4 1 o	476.5736	527.9627	0.84	0.66631
13 17 5 8 1 o	22.6803	25.0520	0.35	0.66621
14 27 2 8 1 o	6.7404	7.3485	180.96	0.66619
13 1 6 8 1 o	1.2150	1.3484	5.11	0.66611
4 17 7 8 1 o	1.7050	1.8332	180.63	0.66603
13 29 2 8 1 o	48.8362	53.3903	179.92	0.66597
16 13 4 8 1 o	143.6551	159.7316	1.40	0.66593
16 22 2 8 1 o	202.9369	223.7150	180.79	0.66589
7 28 5 8 1 o	344.1566	376.4796	0.90	0.66581
4 34 4 8 1 o	184.3968	201.6969	0.65	0.66574
12 32 1 8 1 o	83.1109	91.6229	181.13	0.66565
3 37 3 8 1 o	95.1501	104.8504	180.18	0.66561
2 39 2 8 1 o	68.4671	75.7459	0.44	0.66555
10 24 5 8 1 o	66.4493	74.1029	181.19	0.66550
13 2 6 8 1 o	99.1792	111.2210	180.82	0.66550
2 40 1 8 1 o	32.9420	36.5803	1.17	0.66548
13 23 4 8 1 o	13.6319	15.2810	181.93	0.66542
17 6 4 8 1 o	6.8536	7.7022	0.68	0.66541
9 5 7 8 1 o	75.9617	84.9450	0.81	0.66541
20 0 0 2 1 o	2090.5320	2350.2405	0.72	0.66534
8 31 4 8 1 o	98.0453	110.1440	0.85	0.66529
5 16 7 8 1 o	6.4949	7.3162	181.37	0.66522
10 17 6 8 1 o	2.2391	2.5298	177.39	0.66519
15 8 5 8 1 o	8.4120	9.4981	178.90	0.66518
15 22 3 8 1 o	567.4819	642.9081	180.78	0.66512
6 29 5 8 1 o	47.6686	54.1913	181.15	0.66508
7 32 4 8 1 o	4.7626	5.4340	182.75	0.66501
11 27 4 8 1 o	24.9827	28.6528	180.47	0.66485
3 18 7 8 1 o	0.0051	0.0059	141.27	0.66476

0 19 7 4 1 o	43.2044	50.2551	0.71	0.66476
18 17 1 8 1 o	1.2629	1.4533	179.85	0.66473
12 20 5 8 1 o	2.8003	3.2340	359.01	0.66454
20 2 0 4 1 o	302.9491	350.0638	0.56	0.66453
13 3 6 8 1 o	44.5108	51.1146	1.89	0.66449
8 27 5 8 1 o	768.8312	900.3710	0.81	0.66447
18 9 3 8 1 o	310.4917	357.9213	0.31	0.66436
8 10 7 8 1 o	768.0469	905.5081	0.78	0.66437
8 21 6 8 1 o	153.7111	180.8420	1.04	0.66436
17 15 3 8 1 o	39.4490	45.6500	180.43	0.66432
1 35 4 8 1 o	39.8552	47.4899	0.69	0.66425
16 19 3 8 1 o	53.5332	62.2642	1.01	0.66424
5 39 1 8 1 o	51.3207	61.3006	0.50	0.66402
1 19 7 8 1 o	57.6768	69.6211	180.25	0.66393
5 38 2 8 1 o	39.2780	47.1962	0.84	0.66368
19 8 2 8 1 o	508.5210	595.9878	180.38	0.66359
19 13 0 4 1 o	93.0091	110.0158	359.54	0.66357
9 30 4 8 1 o	42.3842	50.6732	1.48	0.66351
17 19 2 8 1 o	528.6988	625.3173	0.63	0.66335
19 12 1 8 1 o	88.4335	104.4917	180.86	0.66332
15 27 0 4 1 o	138.9792	166.3851	180.50	0.66332
3 31 5 8 1 o	51.4650	62.2911	0.15	0.66326
16 24 1 8 1 o	69.2862	82.6236	0.84	0.66320
9 6 7 8 1 o	42.1301	50.2559	180.81	0.66319
15 25 2 8 1 o	435.5244	518.1142	180.23	0.66314
17 21 1 8 1 o	19.0648	22.6690	179.96	0.66308
13 4 6 8 1 o	132.8332	154.9738	180.54	0.66308
8 34 3 8 1 o	8.3953	10.0553	0.67	0.66300
9 36 1 8 1 o	0.0339	0.0407	15.95	0.66300
18 18 0 4 1 o	22.8496	27.1310	180.26	0.66297
13 31 0 4 1 o	289.3354	346.4043	180.83	0.66293
7 13 7 8 1 o	83.6831	100.6579	180.97	0.66289
17 7 4 8 1 o	20.6756	24.0288	179.87	0.66280
6 33 4 8 1 o	355.4184	424.8913	0.81	0.66268
12 11 6 8 1 o	47.8435	56.0291	180.61	0.66262
14 14 5 8 1 o	354.5808	413.6585	0.76	0.66260
3 26 6 8 1 o	1.4673	1.7590	178.90	0.66255
12 31 2 8 1 o	77.0516	91.5661	180.91	0.66249
9 33 3 8 1 o	62.6710	74.4803	0.59	0.66243
6 15 7 8 1 o	25.6369	30.6463	0.16	0.66237
8 37 1 8 1 o	1.6410	1.9528	1.61	0.66237
5 30 5 8 1 o	63.6170	75.8245	1.52	0.66231
20 4 0 4 1 o	196.5216	230.1420	1.08	0.66212
13 27 3 8 1 o	76.2432	89.7704	0.99	0.66212
18 15 2 8 1 o	326.5608	380.4508	0.81	0.66179
2 35 4 8 1 o	611.3066	722.3542	180.68	0.66178
15 9 5 8 1 o	212.0835	244.6663	180.74	0.66177
10 35 1 8 1 o	25.9374	30.4504	0.60	0.66159
7 35 3 8 1 o	171.8040	201.3750	180.14	0.66153
2 19 7 8 1 o	0.1423	0.1673	359.03	0.66147
9 35 2 8 1 o	3.2825	3.8408	178.71	0.66146
3 39 2 8 1 o	46.6802	54.6219	0.71	0.66142
3 40 1 8 1 o	20.4687	23.9078	180.97	0.66136
13 5 6 8 1 o	76.7099	88.0542	1.41	0.66128

8 36 2 8 1 o	247.9113	288.4484	180.95	0.66123
9 26 5 8 1 o	35.9730	41.5792	359.71	0.66110
4 40 0 4 1 o	427.8912	492.5574	0.21	0.66086
14 21 4 8 1 o	94.2118	107.5702	180.66	0.66082
14 25 3 8 1 o	12.1850	13.9169	0.56	0.66074
11 15 6 8 1 o	890.5244	1015.3420	0.63	0.66073
9 7 7 8 1 o	26.2415	29.9006	0.74	0.66060
18 10 3 8 1 o	49.2546	55.8274	180.65	0.66057
16 14 4 8 1 o	7.7001	8.7179	1.98	0.66052
15 18 4 8 1 o	718.8849	812.4998	0.82	0.66040
6 24 6 8 1 o	162.1140	183.8047	0.45	0.66038
12 29 3 8 1 o	2.5303	2.8554	180.79	0.66028
19 9 2 8 1 o	40.0170	45.0493	359.95	0.66020
8 11 7 8 1 o	185.7025	208.9682	0.49	0.66017
20 1 1 8 1 o	72.3209	80.8834	180.44	0.65989
4 37 3 8 1 o	0.2247	0.2500	176.75	0.65986
10 32 3 8 1 o	10.2470	11.4078	359.83	0.65983
17 8 4 8 1 o	102.5624	114.7230	179.89	0.65981
10 29 4 8 1 o	134.9338	149.8125	180.64	0.65971
7 38 1 8 1 o	34.0861	37.7431	180.76	0.65971
10 34 2 8 1 o	196.0806	216.9885	180.74	0.65967
5 25 6 8 1 o	156.1855	171.9715	1.11	0.65962
14 29 1 8 1 o	1.8687	2.0610	179.19	0.65952
20 2 1 8 1 o	361.4526	399.9315	0.39	0.65930
13 18 5 8 1 o	118.6642	131.3127	180.48	0.65921
7 23 6 8 1 o	133.1928	145.0049	181.23	0.65911
13 6 6 8 1 o	68.7967	76.2488	1.07	0.65911
4 18 7 8 1 o	35.9213	38.8451	180.21	0.65903
7 37 2 8 1 o	258.1708	280.7994	180.75	0.65898
5 17 7 8 1 o	54.3898	58.6652	180.33	0.65864
9 20 6 8 1 o	6.2980	6.8861	1.59	0.65863
1 27 6 8 1 o	249.2183	269.0077	0.36	0.65856
19 13 1 8 1 o	87.7486	96.7153	181.74	0.65836
5 34 4 8 1 o	38.7627	42.2119	0.68	0.65836
20 3 1 8 1 o	34.7525	38.3875	0.63	0.65832
0 0 8 2 1 o	1765.1334	1915.9177	180.78	0.65830
10 18 6 8 1 o	1071.3710	1181.4534	1.20	0.65822
11 34 1 8 1 o	52.1363	57.1786	0.56	0.65817
20 6 0 4 1 o	42.2683	46.7484	1.63	0.65817
17 16 3 8 1 o	62.0542	68.7485	359.79	0.65816
15 27 1 8 1 o	423.3325	466.2882	180.94	0.65812
12 12 6 8 1 o	342.7411	380.1957	180.80	0.65807
6 36 3 8 1 o	0.1430	0.1574	2.63	0.65805
15 10 5 8 1 o	118.5486	131.6921	0.96	0.65802
18 18 1 8 1 o	0.8139	0.9074	179.01	0.65778
13 31 1 8 1 o	6.7076	7.4838	358.41	0.65774
3 35 4 8 1 o	325.8373	363.7150	0.78	0.65773
11 23 5 8 1 o	5.5181	6.1677	0.85	0.65768
9 8 7 8 1 o	227.5800	254.8287	0.70	0.65765
4 31 5 8 1 o	46.0497	51.8859	1.05	0.65756
7 14 7 8 1 o	56.4939	63.7121	0.40	0.65755
0 2 8 4 1 o	16.0619	18.1546	1.33	0.65752
1 0 8 4 1 o	891.0316	1008.4756	0.71	0.65750
3 19 7 8 1 o	23.6853	26.9480	0.09	0.65742

1 1 8 8 1 o	19.7451	22.6224	180.21	0.65730
1 32 5 8 1 o	18.4877	21.1924	359.77	0.65730
1 38 3 8 1 o	19.6361	22.4862	179.77	0.65723
1 41 0 4 1 o	130.7818	150.5939	0.98	0.65705
20 4 1 8 1 o	45.9356	52.0022	0.57	0.65695
16 23 2 8 1 o	345.9124	394.3935	0.94	0.65694
14 15 5 8 1 o	184.8967	208.1422	0.93	0.65688
4 26 6 8 1 o	18.9339	22.1623	0.81	0.65688
1 2 8 8 1 o	571.4035	671.8231	0.46	0.65672
12 26 4 8 1 o	52.3643	59.8544	180.66	0.65662
13 7 6 8 1 o	5.7157	6.4286	180.19	0.65656
16 20 3 8 1 o	66.9271	75.9677	0.35	0.65652
17 9 4 8 1 o	50.6479	56.7664	0.38	0.65648
19 10 2 8 1 o	9.7408	11.0222	2.04	0.65647
18 11 3 8 1 o	220.7418	248.5543	181.12	0.65645
12 21 5 8 1 o	155.2077	176.3165	1.08	0.65642
6 16 7 8 1 o	423.5776	497.6187	180.66	0.65626
1 20 7 8 1 o	6.6730	7.8313	0.24	0.65622
15 23 3 8 1 o	19.9093	22.6175	0.77	0.65620
2 27 6 8 1 o	13.5018	15.8133	180.36	0.65616
13 24 4 8 1 o	1803.8711	2045.1365	180.59	0.65610
11 33 2 8 1 o	0.0777	0.0889	167.71	0.65590
8 22 6 8 1 o	113.4634	129.6483	359.58	0.65586
10 25 5 8 1 o	381.7901	432.0813	0.62	0.65579
4 39 2 8 1 o	16.4784	18.8296	181.28	0.65578
1 3 8 8 1 o	14.9155	17.1352	179.99	0.65575
4 40 1 8 1 o	219.0198	249.5001	180.79	0.65572
18 16 2 8 1 o	288.6683	323.4476	0.79	0.65570
8 12 7 8 1 o	144.9155	164.5938	181.42	0.65567
17 20 2 8 1 o	615.5859	690.7690	0.67	0.65566
14 28 2 8 1 o	28.9536	32.1946	179.98	0.65529
11 31 3 8 1 o	3.0647	3.4094	179.56	0.65529
20 5 1 8 1 o	102.9183	113.4534	0.91	0.65520
0 4 8 4 1 o	26.6683	29.6501	0.58	0.65519
2 0 8 4 1 o	1893.3342	2095.7520	1.00	0.65510
6 39 1 8 1 o	82.0050	90.6707	0.14	0.65510
2 1 8 8 1 o	223.7954	245.4585	0.70	0.65491
2 32 5 8 1 o	61.4350	67.3575	1.16	0.65490
16 15 4 8 1 o	19.2799	20.9618	181.62	0.65485
2 38 3 8 1 o	97.0040	106.0710	180.23	0.65484
6 38 2 8 1 o	43.3529	47.2855	1.04	0.65478
10 1 7 8 1 o	128.6126	139.7619	180.55	0.65472
11 16 6 8 1 o	1.3249	1.4360	184.67	0.65467
17 22 1 8 1 o	61.5048	66.6695	0.86	0.65463
7 29 5 8 1 o	244.7617	264.7375	0.57	0.65454
1 4 8 8 1 o	110.9258	119.4912	0.55	0.65440
9 9 7 8 1 o	1966.8529	2112.9290	0.79	0.65435
2 2 8 8 1 o	54.7182	58.8392	180.71	0.65433
13 30 2 8 1 o	743.5333	797.8644	0.49	0.65431
10 2 7 8 1 o	4.0782	4.3487	357.47	0.65415
11 28 4 8 1 o	69.5011	73.8076	0.63	0.65401
15 11 5 8 1 o	0.0239	0.0253	54.93	0.65395
2 20 7 8 1 o	2.6100	2.7654	1.56	0.65384
9 37 0 4 1 o	63.5027	67.1102	1.12	0.65382



13 8 6 8 1 o	1.4217	1.4920	358.25	0.65367
8 28 5 8 1 o	279.7624	293.4440	180.83	0.65365
16 25 1 8 1 o	42.5921	44.5419	0.44	0.65359
6 30 5 8 1 o	29.9783	31.2177	180.79	0.65347
2 3 8 8 1 o	78.4080	81.3570	0.52	0.65337
12 13 6 8 1 o	33.1596	34.2512	0.63	0.65323
0 40 2 4 1 o	80.2186	82.5092	180.58	0.65322
15 19 4 8 1 o	324.6175	334.9482	0.51	0.65319
10 3 7 8 1 o	162.3434	166.9891	0.25	0.65319
14 30 0 4 1 o	88.2847	90.5201	1.26	0.65316
15 26 2 8 1 o	98.1935	100.7346	180.27	0.65314
19 14 1 8 1 o	1.5124	1.5533	178.95	0.65313
20 6 1 8 1 o	606.9753	623.0805	181.05	0.65309
8 32 4 8 1 o	11.4289	11.5639	1.09	0.65290
12 33 1 8 1 o	226.3733	228.4010	0.91	0.65285
10 36 0 4 1 o	1333.2339	1344.1827	1.06	0.65285
8 38 0 4 1 o	131.8184	132.7559	180.89	0.65283
17 10 4 8 1 o	0.7140	0.7309	186.68	0.65282
0 41 1 4 1 o	68.8027	69.1021	180.49	0.65278
20 8 0 4 1 o	215.2342	217.8987	180.71	0.65275
5 37 3 8 1 o	0.0318	0.0318	2.80	0.65267
1 5 8 8 1 o	4.7023	4.6735	358.77	0.65267
19 15 0 4 1 o	423.1342	425.0570	1.14	0.65260
16 1 5 8 1 o	79.1582	80.7079	0.07	0.65253
14 22 4 8 1 o	1.1956	1.2003	182.81	0.65245
1 40 2 8 1 o	43.0050	42.4283	180.54	0.65244
19 11 2 8 1 o	53.9426	54.2142	180.43	0.65243
7 33 4 8 1 o	79.6090	78.0677	0.69	0.65225
3 27 6 8 1 o	4.0023	3.8820	1.02	0.65220
4 35 4 8 1 o	509.5095	496.2085	1.14	0.65217
13 19 5 8 1 o	67.8341	67.5721	180.31	0.65205
2 4 8 8 1 o	23.3229	22.4865	181.07	0.65203
18 12 3 8 1 o	274.1791	274.1447	0.56	0.65202
1 41 1 8 1 o	55.2633	53.7044	180.56	0.65200
16 2 5 8 1 o	33.1205	33.4032	180.57	0.65196
7 15 7 8 1 o	97.0994	93.6823	180.92	0.65195
5 18 7 8 1 o	207.0784	198.8719	0.28	0.65188
4 19 7 8 1 o	1.0717	1.0292	178.07	0.65187
10 4 7 8 1 o	16.6617	16.3922	180.29	0.65185
17 17 3 8 1 o	28.4174	28.2072	0.02	0.65179
9 31 4 8 1 o	11.0924	10.7823	180.24	0.65159
13 28 3 8 1 o	355.1313	347.2542	0.96	0.65141
0 6 8 4 1 o	396.5604	380.4235	181.05	0.65136
3 0 8 4 1 o	578.5050	556.8459	180.65	0.65117
0 36 4 4 1 o	252.8671	244.1210	180.74	0.65117
10 19 6 8 1 o	80.2432	78.7735	0.64	0.65109
17 23 0 4 1 o	217.6202	212.9499	1.20	0.65104
16 3 5 8 1 o	4.3264	4.3384	183.01	0.65101
3 1 8 8 1 o	579.5841	560.6356	1.05	0.65098
3 32 5 8 1 o	292.6614	283.2831	1.07	0.65097
14 16 5 8 1 o	218.2228	217.1049	0.38	0.65092
3 38 3 8 1 o	14.4468	14.0641	0.38	0.65091
6 25 6 8 1 o	26.1388	25.4037	0.66	0.65089
8 13 7 8 1 o	31.7722	31.0020	0.85	0.65088

14 26 3 8 1 o	5.2403	5.1614	0.78	0.65086
9 27 5 8 1 o	663.8505	651.2836	180.90	0.65082
3 41 0 4 1 o	459.7062	450.0089	180.90	0.65073
9 10 7 8 1 o	54.6785	53.7561	0.71	0.65072
9 21 6 8 1 o	751.7612	739.3723	180.77	0.65072
18 19 1 8 1 o	124.6284	123.0999	180.64	0.65066
20 7 1 8 1 o	14.5784	14.4701	180.15	0.65061
1 6 8 8 1 o	10.2856	10.0798	2.86	0.65058
5 31 5 8 1 o	140.3746	138.2519	180.51	0.65045
13 9 6 8 1 o	134.7106	134.6824	180.23	0.65043
3 2 8 8 1 o	10.0173	9.8696	359.16	0.65041
1 36 4 8 1 o	3352.4207	3307.3042	180.81	0.65039
2 5 8 8 1 o	0.0287	0.0283	28.39	0.65033
19 1 3 8 1 o	239.6280	240.2208	0.38	0.65031
12 32 2 8 1 o	25.1189	24.9192	179.84	0.65025
10 5 7 8 1 o	0.8585	0.8557	185.26	0.65014
2 40 2 8 1 o	586.2266	583.0012	180.33	0.65010
7 24 6 8 1 o	2.1885	2.1783	1.54	0.65005
11 35 0 4 1 o	185.5599	185.0762	0.50	0.64995
6 17 7 8 1 o	10.6561	10.6276	0.18	0.64994
3 20 7 8 1 o	13.8799	13.8462	359.60	0.64993
7 39 0 4 1 o	683.8755	682.4915	0.81	0.64991
5 26 6 8 1 o	0.2567	0.2567	0.32	0.64979
19 2 3 8 1 o	158.8923	160.1354	0.44	0.64974
16 4 5 8 1 o	277.9220	280.9536	180.78	0.64969
6 34 4 8 1 o	329.7106	330.1656	0.49	0.64968
2 41 1 8 1 o	79.7716	79.8985	180.27	0.64966
8 35 3 8 1 o	4.1888	4.1991	181.26	0.64959
15 12 5 8 1 o	122.2183	123.4152	0.15	0.64957
3 3 8 8 1 o	64.5077	64.6940	181.50	0.64947
9 34 3 8 1 o	5.3342	5.3562	356.23	0.64944
18 17 2 8 1 o	211.5843	213.1667	180.97	0.64940
0 21 7 4 1 o	17.3859	17.4571	359.89	0.64917
16 16 4 8 1 o	348.9009	353.9949	180.30	0.64895
12 30 3 8 1 o	84.7801	85.6014	0.03	0.64890
16 26 0 4 1 o	163.2858	164.7924	180.36	0.64889
17 11 4 8 1 o	0.0038	0.0038	336.47	0.64884
9 37 1 8 1 o	119.7378	120.7027	0.66	0.64884
19 3 3 8 1 o	6.7519	6.8673	180.36	0.64880
0 28 6 4 1 o	4.1084	4.1335	0.64	0.64879
5 39 2 8 1 o	72.4591	73.1221	181.31	0.64873
16 21 3 8 1 o	94.1020	95.5257	179.93	0.64869
11 24 5 8 1 o	36.9733	37.4803	181.42	0.64868
5 40 1 8 1 o	59.6522	60.2410	0.79	0.64867
1 21 7 8 1 o	230.5898	233.2614	1.12	0.64840
11 17 6 8 1 o	418.2822	426.0517	0.60	0.64840
10 30 4 8 1 o	3.7165	3.7773	359.61	0.64837
18 20 0 4 1 o	292.7946	298.4415	1.14	0.64825
2 6 8 8 1 o	309.3911	313.9273	1.09	0.64826
12 22 5 8 1 o	13.8932	14.1930	1.78	0.64821
14 30 1 8 1 o	46.6016	47.4835	0.93	0.64819
3 4 8 8 1 o	359.7743	365.9320	180.27	0.64816
1 7 8 8 1 o	61.8652	62.9630	180.45	0.64813
12 14 6 8 1 o	2.7834	2.8510	0.58	0.64812

19 12 2 8 1 o	24.3760	24.9773	359.39	0.64808
10 6 7 8 1 o	362.5565	370.9349	0.99	0.64808
2 36 4 8 1 o	100.0560	102.0464	0.93	0.64807
1 28 6 8 1 o	7.9668	8.1305	179.65	0.64802
16 5 5 8 1 o	323.3325	332.6062	0.90	0.64800
16 24 2 8 1 o	2.8787	2.9505	3.23	0.64797
10 36 1 8 1 o	125.2935	128.4215	0.50	0.64789
8 38 1 8 1 o	116.2145	119.1595	359.90	0.64788
17 21 2 8 1 o	516.7468	530.9390	180.65	0.64786
7 36 3 8 1 o	14.1031	14.4750	181.04	0.64784
20 8 1 8 1 o	90.0531	92.6830	0.89	0.64779
9 36 2 8 1 o	1095.8583	1126.3593	0.84	0.64778
19 15 1 8 1 o	44.9611	46.3773	181.08	0.64765
15 28 1 8 1 o	130.9319	135.1107	181.07	0.64760
19 4 3 8 1 o	36.6228	37.9206	1.40	0.64749
10 33 3 8 1 o	468.4247	485.6789	181.19	0.64736
18 13 3 8 1 o	465.1998	482.8207	181.01	0.64731
8 23 6 8 1 o	66.3137	68.8343	180.89	0.64731
15 24 3 8 1 o	6.8291	7.0911	180.94	0.64726
8 37 2 8 1 o	348.9685	363.1012	0.87	0.64719
13 10 6 8 1 o	139.4549	145.6480	180.06	0.64686
13 25 4 8 1 o	62.1786	65.0154	180.54	0.64679
4 27 6 8 1 o	54.3484	56.9486	180.08	0.64679
9 11 7 8 1 o	222.1532	232.4524	0.42	0.64678
12 27 4 8 1 o	17.7066	18.5815	179.57	0.64655
3 5 8 8 1 o	161.2564	169.5942	1.15	0.64648
10 35 2 8 1 o	47.7594	50.2155	180.97	0.64646
3 40 2 8 1 o	205.1664	216.3945	0.18	0.64625
17 23 1 8 1 o	243.1075	256.7655	181.11	0.64612
7 16 7 8 1 o	8.5123	8.9962	179.39	0.64613
10 26 5 8 1 o	37.6194	39.7336	179.68	0.64612
2 21 7 8 1 o	153.4847	162.2656	180.29	0.64610
0 8 8 4 1 o	47.4740	50.1917	180.07	0.64610
20 10 0 4 1 o	940.4507	995.1096	0.54	0.64597
16 6 5 8 1 o	11.1310	11.7631	180.17	0.64595
15 20 4 8 1 o	135.7713	143.8603	181.26	0.64585
2 7 8 8 1 o	25.8917	27.5062	0.90	0.64584
8 14 7 8 1 o	6.2169	6.6037	4.41	0.64582
19 5 3 8 1 o	38.2944	40.5622	180.57	0.64582
3 41 1 8 1 o	23.9975	25.4922	179.51	0.64582
4 0 8 4 1 o	4.4584	4.7417	356.80	0.64578
13 32 1 8 1 o	329.1302	349.9924	0.69	0.64576
2 28 6 8 1 o	20.7157	22.0548	0.42	0.64573
0 33 5 4 1 o	1409.5959	1500.9478	180.66	0.64572
10 7 7 8 1 o	48.1739	51.2570	180.74	0.64566
4 1 8 8 1 o	37.2379	39.7605	182.15	0.64560
4 32 5 8 1 o	452.7953	483.4502	180.78	0.64559
4 38 3 8 1 o	0.0514	0.0549	1.44	0.64553
1 8 8 8 1 o	114.3745	122.8105	0.53	0.64534
5 35 4 8 1 o	31.1325	33.4658	359.96	0.64523
17 18 3 8 1 o	50.1836	53.6837	0.52	0.64523
12 34 0 4 1 o	95.1435	102.3132	1.19	0.64519
6 40 0 4 1 o	217.5964	234.2768	0.91	0.64514
20 0 2 4 1 o	9.5986	10.2854	0.68	0.64507

11 35 1 8 1 o	99.3697	107.1278	0.35	0.64506
4 2 8 8 1 o	55.7604	60.2543	0.81	0.64504
7 39 1 8 1 o	38.8968	41.9708	0.66	0.64502
1 33 5 8 1 o	242.3086	262.2279	1.14	0.64496
5 19 7 8 1 o	16.5015	17.8653	179.72	0.64494
15 13 5 8 1 o	67.9647	72.8781	1.19	0.64491
20 1 2 8 1 o	75.6954	81.3143	180.73	0.64488
14 0 6 4 1 o	2226.9600	2388.6099	180.78	0.64484
14 17 5 8 1 o	4.6335	4.9845	359.24	0.64475
13 20 5 8 1 o	46.6680	50.2834	359.76	0.64474
7 38 2 8 1 o	79.9013	86.6659	180.80	0.64471
14 1 6 8 1 o	1.1927	1.2820	2.78	0.64466
20 9 1 8 1 o	80.2657	86.6641	180.20	0.64464
18 0 4 4 1 o	666.6691	716.5372	0.65	0.64460
4 20 7 8 1 o	26.8399	29.2412	180.96	0.64457
17 12 4 8 1 o	144.3934	155.4662	180.32	0.64456
14 29 2 8 1 o	36.3099	39.4070	359.76	0.64454
3 6 8 8 1 o	3.1087	3.3931	357.26	0.64444
18 1 4 8 1 o	539.8009	581.3193	0.77	0.64442
20 2 2 8 1 o	5.0704	5.4843	179.42	0.64433
3 36 4 8 1 o	762.5035	833.3129	1.05	0.64427
6 37 3 8 1 o	269.0590	293.9743	0.02	0.64421
4 3 8 8 1 o	0.1687	0.1850	351.43	0.64412
14 2 6 8 1 o	1.3777	1.4896	6.06	0.64410
14 23 4 8 1 o	470.8108	512.1763	180.92	0.64403
16 26 1 8 1 o	606.0262	662.2867	180.78	0.64402
18 2 4 8 1 o	197.9004	214.2616	0.59	0.64387
10 20 6 8 1 o	41.3399	45.2243	180.08	0.64381
19 6 3 8 1 o	789.2352	856.9359	180.90	0.64379
16 7 5 8 1 o	24.6921	26.8047	1.35	0.64356
19 13 2 8 1 o	72.8800	79.7363	180.71	0.64345
7 30 5 8 1 o	191.2449	211.2601	181.21	0.64346
0 39 3 4 1 o	219.8147	243.0908	0.95	0.64346
6 18 7 8 1 o	3.1798	3.5261	179.96	0.64344
11 32 3 8 1 o	1.1169	1.2313	354.28	0.64343
20 3 2 8 1 o	375.9748	410.7061	1.10	0.64341
18 20 1 8 1 o	2.5122	2.7628	179.63	0.64340
11 29 4 8 1 o	4.5411	5.0059	179.27	0.64332
11 34 2 8 1 o	154.3689	170.8457	180.24	0.64328
15 27 2 8 1 o	49.9243	55.1142	0.42	0.64322
14 3 6 8 1 o	14.1994	15.4789	359.60	0.64319
2 8 8 8 1 o	52.8679	59.0840	180.35	0.64308
13 11 6 8 1 o	9.0296	9.8879	0.83	0.64299
8 29 5 8 1 o	0.3488	0.3879	357.70	0.64298
18 3 4 8 1 o	1047.2896	1142.1023	180.69	0.64295
18 18 2 8 1 o	220.5688	243.2191	0.70	0.64291
10 8 7 8 1 o	20.8586	23.0723	358.89	0.64290
13 31 2 8 1 o	0.2744	0.3051	192.03	0.64287
16 17 4 8 1 o	500.8951	549.3189	0.89	0.64284
4 4 8 8 1 o	0.6195	0.6963	4.68	0.64284
12 15 6 8 1 o	22.9179	25.2289	0.75	0.64276

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