

```

data_I
_shelx_title ' New: Pna21'
_shelx_refl_list_code 4
_shelx_F_calc_maximum 253.96
_exptl_crystal_F_000 1084.00
_reflns_d_resolution_high 0.8066

```

```

loop_
_space_group_symop_operation_xyz
'x, y, z'
'-x, -y, z+1/2'
'-x+1/2, y+1/2, z+1/2'
'x+1/2, -y+1/2, z'

```

```

_cell_length_a 26.0020
_cell_length_b 8.5752
_cell_length_c 9.3829
_cell_angle_alpha 90.000
_cell_angle_beta 90.000
_cell_angle_gamma 90.000

```

```

_shelx_F_squared_multiplier 1.000

```

```

loop_
_refln_index_h
_refln_index_k
_refln_index_l
_refln_F_squared_calc
_refln_F_squared_meas
_refln_F_squared_sigma
_refln_observed_status
  2  0 -11      425.06      380.59      138.00 o
  4  0 -11      296.09      303.91      166.05 o
  6  0 -11       80.15      118.34      164.41 o
  8  0 -11       81.72       96.91      119.92 o
 10  0 -11      159.21      126.77      108.98 o
  0  1 -11      176.22      119.07      136.33 o
  1  1 -11      144.93       88.51       96.49 o
  2  1 -11      183.87      148.16      103.41 o
  3  1 -11       16.94       -1.17       94.85 o
  4  1 -11       11.05       72.37      117.23 o
  5  1 -11       99.13      112.66       97.87 o
  6  1 -11      172.05      132.71      107.49 o
  7  1 -11       28.00       56.47      107.85 o
  8  1 -11       35.86      -32.09       98.69 o
  9  1 -11        9.63       51.71       92.32 o
 10  1 -11       28.61      -28.86       82.23 o
  1  2 -11       43.55       28.62      105.40 o
  2  2 -11       24.32       82.67       89.44 o
  3  2 -11      107.65      123.01       89.48 o
  4  2 -11      138.86       67.07       91.63 o
  5  2 -11       63.45       88.73      106.45 o
  6  2 -11       55.04       85.62      106.40 o
  7  2 -11       78.03       17.35      101.80 o
  8  2 -11       18.03       81.36       94.60 o
  0  3 -11       92.93      -57.11      138.47 o
  1  3 -11       83.64       57.82       99.01 o
  2  3 -11       45.09       49.27      109.20 o
  3  3 -11       31.21       29.16       99.30 o
  4  3 -11       53.06       73.57      100.75 o
  5  3 -11      160.87       85.92      101.38 o

```

0	0	-10	611.37	649.20	156.39 o
2	0	-10	183.17	134.96	147.25 o
4	0	-10	226.31	146.36	120.86 o
6	0	-10	935.85	837.87	110.67 o
8	0	-10	79.43	61.03	96.52 o
10	0	-10	63.31	70.75	98.87 o
12	0	-10	34.12	13.18	113.84 o
14	0	-10	140.28	132.43	121.54 o
16	0	-10	72.66	110.31	125.21 o
1	1	-10	242.14	289.74	86.82 o
2	1	-10	392.14	314.26	96.27 o
3	1	-10	491.87	505.83	96.59 o
4	1	-10	366.50	307.88	81.03 o
5	1	-10	49.58	173.00	79.15 o
6	1	-10	69.06	91.84	74.72 o
7	1	-10	57.33	8.48	76.58 o
8	1	-10	236.73	240.55	73.39 o
9	1	-10	63.61	11.27	73.53 o
10	1	-10	163.53	181.15	79.43 o
11	1	-10	86.83	78.59	86.55 o
12	1	-10	38.08	7.07	73.67 o
13	1	-10	86.72	80.22	78.26 o
14	1	-10	104.36	53.55	80.11 o
15	1	-10	6.19	-35.59	92.30 o
16	1	-10	26.80	-27.67	88.93 o
0	2	-10	63.06	36.76	122.76 o
1	2	-10	170.37	171.46	86.93 o
2	2	-10	97.04	64.87	104.68 o
3	2	-10	3.40	26.16	87.18 o
4	2	-10	14.76	6.95	81.75 o
5	2	-10	278.74	187.23	79.85 o
6	2	-10	33.52	51.69	73.40 o
7	2	-10	211.48	148.84	78.55 o
8	2	-10	68.12	34.63	70.25 o
9	2	-10	444.82	381.68	75.72 o
10	2	-10	88.44	63.62	86.20 o
11	2	-10	168.35	145.24	93.70 o
12	2	-10	64.74	48.66	77.02 o
13	2	-10	58.13	36.88	90.25 o
14	2	-10	46.23	15.42	80.36 o
15	2	-10	68.57	52.08	100.19 o
1	3	-10	122.97	106.48	82.97 o
2	3	-10	25.55	91.43	107.86 o
3	3	-10	328.55	314.95	98.92 o
4	3	-10	8.37	14.85	99.29 o
5	3	-10	48.63	75.50	84.72 o
6	3	-10	107.62	64.61	96.13 o
7	3	-10	50.85	86.04	86.86 o
8	3	-10	95.04	73.75	94.77 o
9	3	-10	114.04	37.52	88.06 o
10	3	-10	4.34	17.59	77.88 o
11	3	-10	6.61	68.11	90.26 o
12	3	-10	69.95	48.22	98.49 o
13	3	-10	61.06	91.09	81.60 o
0	4	-10	235.09	199.57	132.08 o
1	4	-10	79.81	106.98	100.97 o
2	4	-10	190.25	85.91	101.03 o
3	4	-10	7.35	-29.71	80.69 o
4	4	-10	83.94	84.70	94.43 o
5	4	-10	29.15	43.27	105.92 o
6	4	-10	297.33	288.91	85.56 o

7	4	-10	95.68	134.13	89.64	o
8	4	-10	22.08	35.35	91.08	o
9	4	-10	65.67	39.76	99.69	o
10	4	-10	84.98	82.29	103.26	o
11	4	-10	56.03	30.98	88.81	o
1	5	-10	49.70	-83.92	121.60	o
2	5	-10	115.83	144.49	122.04	o
3	5	-10	45.90	3.01	91.45	o
4	5	-10	49.03	39.83	100.00	o
5	5	-10	3.19	-31.73	110.56	o
6	5	-10	26.12	36.80	101.72	o
2	0	-9	816.42	819.64	116.89	o
4	0	-9	334.74	333.28	99.38	o
6	0	-9	156.00	59.93	112.49	o
8	0	-9	662.58	692.24	102.56	o
10	0	-9	1346.78	1606.27	125.60	o
12	0	-9	66.33	47.75	93.73	o
14	0	-9	242.20	241.38	97.81	o
16	0	-9	34.77	5.38	101.47	o
18	0	-9	45.43	10.09	117.97	o
20	0	-9	139.98	93.12	112.36	o
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3	1	-9	114.54	122.84	66.85	o
4	1	-9	288.96	315.68	78.73	o
5	1	-9	267.22	268.95	74.74	o
6	1	-9	443.37	477.29	70.78	o
7	1	-9	578.19	536.48	68.23	o
8	1	-9	105.92	18.10	66.47	o
9	1	-9	0.11	-21.32	70.35	o
10	1	-9	742.39	749.02	79.28	o
11	1	-9	135.82	104.55	73.80	o
12	1	-9	818.91	722.23	76.71	o
13	1	-9	8.41	6.06	71.96	o
14	1	-9	109.62	170.76	81.06	o
15	1	-9	67.54	52.16	73.53	o
16	1	-9	40.44	31.35	80.25	o
17	1	-9	42.52	36.19	72.93	o
18	1	-9	47.78	-4.02	80.07	o
19	1	-9	8.59	26.59	98.63	o
20	1	-9	21.48	73.61	94.47	o
1	2	-9	418.33	395.72	87.44	o
2	2	-9	180.36	114.77	87.63	o
3	2	-9	316.23	362.82	98.03	o
4	2	-9	257.61	206.33	69.90	o
5	2	-9	447.68	413.62	75.68	o
6	2	-9	249.67	218.94	70.90	o
7	2	-9	210.27	281.49	77.18	o
8	2	-9	416.68	438.04	62.81	o
9	2	-9	228.65	239.95	65.98	o
10	2	-9	104.74	113.36	69.32	o
11	2	-9	1.61	-31.53	74.35	o
12	2	-9	56.66	34.14	75.89	o
13	2	-9	596.64	558.75	70.55	o
14	2	-9	4.64	16.96	83.08	o
15	2	-9	327.89	251.61	85.99	o
16	2	-9	224.04	180.31	87.68	o
17	2	-9	20.75	42.31	88.28	o
18	2	-9	95.14	81.34	98.67	o
19	2	-9	97.56	75.85	87.41	o

0	3	-9	153.67	94.87	141.25 o
1	3	-9	242.99	288.65	77.01 o
2	3	-9	24.54	66.42	82.70 o
3	3	-9	1.06	81.17	88.99 o
4	3	-9	61.71	14.14	75.54 o
5	3	-9	280.18	320.34	79.35 o
6	3	-9	11.51	22.08	83.95 o
7	3	-9	447.25	474.39	76.70 o
8	3	-9	68.16	65.89	70.52 o
9	3	-9	6.23	4.59	70.20 o
10	3	-9	66.74	108.67	80.55 o
11	3	-9	342.45	327.69	77.70 o
12	3	-9	47.43	35.69	73.05 o
13	3	-9	79.66	62.37	78.36 o
14	3	-9	70.04	58.22	79.91 o
15	3	-9	149.14	139.57	82.35 o
16	3	-9	311.82	294.38	85.30 o
17	3	-9	134.92	58.05	81.94 o
18	3	-9	232.39	141.68	94.66 o
1	4	-9	153.86	98.02	83.73 o
2	4	-9	680.83	617.79	96.32 o
3	4	-9	310.48	286.16	87.30 o
4	4	-9	726.49	689.92	78.56 o
5	4	-9	39.03	31.53	76.88 o
6	4	-9	116.80	67.88	81.44 o
7	4	-9	42.98	27.78	75.98 o
8	4	-9	78.27	97.39	89.50 o
9	4	-9	44.92	21.60	78.44 o
10	4	-9	44.67	3.14	85.03 o
11	4	-9	25.39	28.62	80.53 o
12	4	-9	12.80	-32.31	81.45 o
13	4	-9	52.69	95.00	82.11 o
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5	5	-9	63.19	46.20	88.77 o
6	5	-9	256.29	259.34	81.70 o
7	5	-9	24.39	36.12	93.34 o
8	5	-9	23.16	59.58	93.22 o
9	5	-9	0.00	14.90	103.77 o
10	5	-9	13.60	24.36	83.07 o
11	5	-9	105.96	46.13	93.02 o
12	5	-9	88.98	88.18	81.09 o
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2	6	-9	270.54	220.90	83.91 o
3	6	-9	28.02	28.00	97.24 o
4	6	-9	104.31	60.21	107.93 o
5	6	-9	95.01	98.14	98.35 o
6	6	-9	6.54	44.07	101.79 o
7	6	-9	51.62	35.87	94.63 o
8	6	-9	21.83	21.18	103.23 o
9	6	-9	74.69	45.74	101.07 o
0	0	-8	1575.12	1892.56	185.85 o
2	0	-8	440.25	420.12	102.04 o
4	0	-8	591.79	639.44	91.00 o

6	0	-8	1509.64	1548.27	189.10	o
8	0	-8	413.05	500.70	95.23	o
10	0	-8	515.51	537.56	111.38	o
12	0	-8	1481.27	1555.69	102.15	o
14	0	-8	132.35	143.85	89.16	o
16	0	-8	61.33	90.03	119.09	o
18	0	-8	9.73	76.00	105.64	o
20	0	-8	60.69	145.75	131.07	o
22	0	-8	8.12	-55.92	139.75	o
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2	1	-8	448.48	467.84	68.41	o
3	1	-8	723.26	656.70	65.26	o
4	1	-8	637.18	547.25	64.45	o
5	1	-8	307.44	288.67	60.72	o
6	1	-8	788.50	762.46	67.05	o
7	1	-8	133.25	264.26	70.02	o
8	1	-8	1080.40	1142.20	77.37	o
9	1	-8	252.92	268.23	71.20	o
10	1	-8	348.06	376.96	64.17	o
11	1	-8	387.80	386.69	72.56	o
12	1	-8	173.82	227.87	73.64	o
13	1	-8	115.36	56.28	66.92	o
14	1	-8	640.74	737.78	77.64	o
15	1	-8	46.29	84.12	83.65	o
16	1	-8	452.60	477.18	80.60	o
17	1	-8	12.92	59.09	81.11	o
18	1	-8	0.38	32.76	88.63	o
19	1	-8	103.41	64.29	85.05	o
20	1	-8	30.35	10.54	81.19	o
21	1	-8	18.17	14.57	95.22	o
22	1	-8	47.60	37.02	98.92	o
23	1	-8	12.87	38.01	101.45	o
0	2	-8	442.89	412.72	109.44	o
1	2	-8	123.49	109.24	75.20	o
2	2	-8	205.43	206.42	69.01	o
3	2	-8	109.82	101.26	64.46	o
4	2	-8	191.03	213.56	65.38	o
5	2	-8	81.64	96.46	74.89	o
6	2	-8	75.43	9.06	61.57	o
7	2	-8	827.15	775.83	64.34	o
8	2	-8	20.16	-2.68	66.45	o
9	2	-8	203.13	188.17	67.54	o
10	2	-8	451.48	349.93	66.35	o
11	2	-8	1143.74	1103.85	66.47	o
12	2	-8	670.92	569.20	71.21	o
13	2	-8	115.98	114.33	67.56	o
14	2	-8	131.92	106.26	72.29	o
15	2	-8	168.89	242.11	85.06	o
16	2	-8	29.95	69.56	79.65	o
17	2	-8	705.97	605.32	74.44	o
18	2	-8	16.15	63.45	78.70	o
19	2	-8	51.10	26.09	91.66	o
20	2	-8	29.07	78.41	103.78	o
21	2	-8	40.22	21.70	105.83	o
22	2	-8	0.70	2.56	109.19	o
1	3	-8	587.90	535.95	86.09	o
2	3	-8	65.42	54.80	64.16	o
3	3	-8	975.15	988.36	80.70	o
4	3	-8	590.48	585.07	80.45	o
5	3	-8	336.94	344.41	68.68	o
6	3	-8	104.58	55.65	67.01	o

7	3	-8	460.38	447.17	78.04 o
8	3	-8	175.80	202.87	73.02 o
9	3	-8	361.25	396.88	69.46 o
10	3	-8	32.33	37.12	74.58 o
11	3	-8	82.22	93.16	70.48 o
12	3	-8	48.58	-7.43	63.74 o
13	3	-8	105.08	116.92	72.87 o
14	3	-8	348.05	337.15	70.01 o
15	3	-8	238.08	219.47	75.13 o
16	3	-8	21.70	12.14	75.88 o
17	3	-8	10.41	-3.38	77.21 o
18	3	-8	95.02	66.38	76.40 o
19	3	-8	259.27	283.67	96.26 o
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21	3	-8	75.52	-1.46	92.91 o
0	4	-8	2004.43	1860.81	240.75 o
1	4	-8	211.26	237.30	87.28 o
2	4	-8	637.41	724.97	87.29 o
3	4	-8	22.61	63.88	80.12 o
4	4	-8	30.01	52.08	68.49 o
5	4	-8	284.66	295.52	76.35 o
6	4	-8	905.17	1021.41	79.53 o
7	4	-8	350.07	350.95	82.85 o
8	4	-8	437.07	411.62	77.78 o
9	4	-8	3.07	-33.81	76.90 o
10	4	-8	6.06	-17.08	76.66 o
11	4	-8	134.78	129.68	73.28 o
12	4	-8	59.11	49.31	79.63 o
13	4	-8	37.25	14.58	67.55 o
14	4	-8	140.94	82.93	81.75 o
15	4	-8	17.19	32.74	90.26 o
16	4	-8	261.73	169.18	88.79 o
17	4	-8	89.92	72.44	95.90 o
18	4	-8	34.05	79.24	99.89 o
19	4	-8	51.38	53.92	112.41 o
20	4	-8	144.76	70.22	114.37 o
1	5	-8	202.51	208.11	93.16 o
2	5	-8	670.77	775.27	104.58 o
3	5	-8	116.89	85.10	83.48 o
4	5	-8	953.26	991.97	88.66 o
5	5	-8	196.11	194.55	93.55 o
6	5	-8	51.21	54.58	85.64 o
7	5	-8	260.01	270.24	95.25 o
8	5	-8	75.11	56.78	80.23 o
9	5	-8	15.20	-29.90	95.98 o
10	5	-8	11.69	-2.95	71.57 o
11	5	-8	128.25	115.20	78.87 o
12	5	-8	37.81	59.37	83.46 o
13	5	-8	26.20	-9.46	80.33 o
14	5	-8	173.16	114.77	86.69 o
15	5	-8	11.92	-8.26	103.90 o
16	5	-8	6.96	53.03	106.65 o
17	5	-8	62.65	-0.50	101.35 o
0	6	-8	635.92	470.12	131.14 o
1	6	-8	32.45	106.39	83.46 o
2	6	-8	199.43	171.67	97.93 o
3	6	-8	131.77	86.77	109.27 o
4	6	-8	66.62	139.61	97.94 o
5	6	-8	203.69	176.72	80.63 o
6	6	-8	129.86	136.05	79.98 o
7	6	-8	20.90	64.94	94.95 o

8	6	-8	9.93	23.20	101.55 o
9	6	-8	120.75	47.54	88.91 o
10	6	-8	140.09	121.78	104.13 o
11	6	-8	121.36	70.37	83.76 o
12	6	-8	38.75	115.41	123.98 o
13	6	-8	18.66	77.96	87.45 o
14	6	-8	49.65	52.35	95.20 o
1	7	-8	99.41	131.71	118.25 o
2	7	-8	132.58	111.50	118.41 o
3	7	-8	188.57	155.87	117.83 o
4	7	-8	248.40	145.30	108.12 o
5	7	-8	52.88	82.32	108.56 o
6	7	-8	55.88	33.44	95.43 o
7	7	-8	126.57	112.67	102.85 o
8	7	-8	27.07	-27.17	103.28 o
9	7	-8	148.76	109.20	129.85 o
2	0	-7	3907.52	4284.87	151.35 o
4	0	-7	3589.05	3438.08	85.41 o
6	0	-7	965.45	941.33	81.53 o
8	0	-7	1245.66	1195.51	105.04 o
10	0	-7	435.41	460.02	90.13 o
12	0	-7	23.56	86.74	102.37 o
14	0	-7	463.17	459.56	110.00 o
16	0	-7	337.35	269.76	114.11 o
18	0	-7	295.72	329.78	102.13 o
20	0	-7	136.80	171.37	148.03 o
22	0	-7	7.12	114.56	127.03 o
24	0	-7	28.39	61.92	162.61 o
0	1	-7	2894.04	2858.74	387.95 o
1	1	-7	1363.84	1409.26	72.13 o
2	1	-7	483.32	608.39	65.15 o
3	1	-7	1015.78	984.80	60.08 o
4	1	-7	645.19	703.14	62.26 o
5	1	-7	955.17	978.76	67.34 o
6	1	-7	336.03	387.95	58.64 o
7	1	-7	591.10	615.41	63.63 o
8	1	-7	118.22	142.91	62.88 o
9	1	-7	143.97	112.98	59.10 o
10	1	-7	542.92	543.23	60.27 o
11	1	-7	108.08	182.61	67.67 o
12	1	-7	906.26	963.67	70.82 o
13	1	-7	291.42	278.87	62.40 o
14	1	-7	308.34	223.65	66.98 o
15	1	-7	38.22	29.02	71.61 o
16	1	-7	732.34	791.72	71.69 o
17	1	-7	163.36	133.20	81.79 o
18	1	-7	570.80	626.48	69.05 o
19	1	-7	22.53	66.23	72.90 o
20	1	-7	7.36	29.99	105.71 o
21	1	-7	100.95	102.83	107.94 o
22	1	-7	79.67	23.60	91.20 o
23	1	-7	82.35	76.75	103.09 o
24	1	-7	47.82	133.75	106.20 o
25	1	-7	0.98	64.81	99.74 o
1	2	-7	823.02	874.42	63.83 o
2	2	-7	168.94	183.97	69.97 o
3	2	-7	864.20	929.38	62.87 o
4	2	-7	1.60	132.24	54.67 o
5	2	-7	1408.60	1497.52	79.15 o
6	2	-7	128.38	157.70	66.03 o
7	2	-7	1657.93	1832.66	95.40 o

8	2	-7	231.71	291.28	66.95 o
9	2	-7	904.76	974.56	68.51 o
10	2	-7	103.29	110.82	59.96 o
11	2	-7	15.16	4.06	64.42 o
12	2	-7	184.78	234.55	61.91 o
13	2	-7	806.35	872.27	68.47 o
14	2	-7	25.08	46.53	71.79 o
15	2	-7	680.54	778.46	69.80 o
16	2	-7	141.81	198.73	65.83 o
17	2	-7	28.92	55.07	71.02 o
18	2	-7	134.13	167.10	78.26 o
19	2	-7	822.70	793.31	72.46 o
20	2	-7	227.36	174.30	96.89 o
21	2	-7	281.99	203.47	90.31 o
22	2	-7	80.65	71.60	91.07 o
23	2	-7	71.35	72.24	104.41 o
24	2	-7	12.19	57.54	119.63 o
25	2	-7	102.05	89.53	111.05 o
0	3	-7	2016.47	2003.99	199.54 o
1	3	-7	881.89	967.45	85.86 o
2	3	-7	539.87	624.36	74.46 o
3	3	-7	45.56	32.48	71.87 o
4	3	-7	267.75	258.00	67.21 o
5	3	-7	517.23	538.52	59.95 o
6	3	-7	126.17	163.47	58.84 o
7	3	-7	1205.16	1177.21	65.98 o
8	3	-7	79.79	150.48	63.13 o
9	3	-7	0.82	-3.69	68.04 o
10	3	-7	873.39	779.46	60.59 o
11	3	-7	803.19	818.07	64.73 o
12	3	-7	322.68	402.79	73.00 o
13	3	-7	225.55	201.28	61.48 o
14	3	-7	87.59	83.72	61.49 o
15	3	-7	51.44	67.68	81.40 o
16	3	-7	203.83	229.91	77.89 o
17	3	-7	257.70	221.13	79.66 o
18	3	-7	114.90	108.35	80.22 o
19	3	-7	14.20	-36.88	81.18 o
20	3	-7	17.26	-30.39	99.97 o
21	3	-7	96.30	3.64	85.90 o
22	3	-7	44.36	-30.03	88.20 o
23	3	-7	46.34	37.85	99.05 o
24	3	-7	95.18	129.20	110.99 o
1	4	-7	6.71	32.98	73.66 o
2	4	-7	890.14	1023.77	86.89 o
3	4	-7	604.55	683.07	83.74 o
4	4	-7	716.24	647.58	68.30 o
5	4	-7	520.76	483.36	83.27 o
6	4	-7	57.79	10.68	70.73 o
7	4	-7	213.34	262.03	71.45 o
8	4	-7	238.68	230.53	71.56 o
9	4	-7	480.75	496.55	72.83 o
10	4	-7	576.46	502.04	73.96 o
11	4	-7	77.18	103.27	80.21 o
12	4	-7	56.65	71.17	65.34 o
13	4	-7	77.79	37.69	67.40 o
14	4	-7	233.57	206.23	77.19 o
15	4	-7	55.98	29.40	78.03 o
16	4	-7	19.01	6.01	74.15 o
17	4	-7	4.03	28.25	89.58 o
18	4	-7	152.18	190.78	91.21 o



19	4	-7	17.21	-18.83	95.41 o
20	4	-7	236.80	313.94	103.68 o
21	4	-7	24.95	11.28	118.11 o
22	4	-7	17.03	97.46	100.43 o
0	5	-7	1928.36	1931.63	167.63 o
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2	5	-7	99.92	84.42	71.02 o
3	5	-7	610.02	586.17	83.02 o
4	5	-7	316.01	254.56	74.30 o
5	5	-7	147.49	153.95	80.51 o
6	5	-7	736.63	729.80	70.30 o
7	5	-7	86.07	96.67	76.95 o
8	5	-7	48.71	91.42	63.60 o
9	5	-7	208.03	190.70	71.29 o
10	5	-7	331.39	320.83	68.86 o
11	5	-7	182.72	200.84	78.27 o
12	5	-7	481.24	507.91	79.59 o
13	5	-7	11.82	-9.54	89.02 o
14	5	-7	72.49	76.96	87.68 o
15	5	-7	39.17	106.24	97.16 o
16	5	-7	193.78	148.94	92.64 o
17	5	-7	49.27	28.83	95.26 o
18	5	-7	45.98	104.38	97.24 o
19	5	-7	54.69	31.07	104.95 o
20	5	-7	42.36	-11.88	86.35 o
1	6	-7	336.36	293.26	84.53 o
2	6	-7	42.16	42.78	82.66 o
3	6	-7	10.61	41.22	75.36 o
4	6	-7	274.62	182.39	81.64 o
5	6	-7	162.46	205.48	78.99 o
6	6	-7	470.52	289.40	79.78 o
7	6	-7	176.94	205.77	87.00 o
8	6	-7	583.12	513.76	96.12 o
9	6	-7	173.98	155.87	80.62 o
10	6	-7	121.64	134.32	108.44 o
11	6	-7	1.86	45.69	84.56 o
12	6	-7	69.92	65.91	84.14 o
13	6	-7	176.11	171.43	106.31 o
14	6	-7	116.43	65.20	107.99 o
15	6	-7	135.74	81.59	90.69 o
16	6	-7	99.90	48.44	101.96 o
17	6	-7	25.11	6.83	95.91 o
18	6	-7	35.94	35.03	109.94 o
0	7	-7	58.62	117.17	127.82 o
1	7	-7	108.90	168.99	109.53 o
2	7	-7	135.72	120.73	110.30 o
3	7	-7	22.95	38.29	110.28 o
4	7	-7	51.75	44.13	112.28 o
5	7	-7	95.37	63.99	105.11 o
6	7	-7	198.77	133.35	94.93 o
7	7	-7	84.99	121.09	105.33 o
8	7	-7	118.65	63.33	104.86 o
9	7	-7	56.78	99.16	114.85 o
10	7	-7	1.63	5.60	97.89 o
11	7	-7	288.01	207.20	125.28 o
12	7	-7	69.31	102.70	113.36 o
13	7	-7	35.68	23.32	117.81 o
14	7	-7	28.17	47.99	97.03 o
1	8	-7	81.58	104.41	107.76 o
2	8	-7	82.70	72.26	124.44 o
3	8	-7	443.69	416.26	125.99 o

4	8	-7	26.19	-23.77	122.67	o
5	8	-7	205.45	141.64	109.16	o
6	8	-7	94.39	110.16	130.58	o
7	8	-7	49.32	-4.38	131.74	o
8	8	-7	85.38	51.47	116.67	o
0	0	-6	24544.55	26357.72	295.80	o
2	0	-6	11524.67	12082.50	137.34	o
4	0	-6	3864.40	3559.08	281.72	o
6	0	-6	5879.16	6203.64	116.83	o
8	0	-6	241.89	228.39	83.98	o
10	0	-6	858.83	873.46	86.80	o
12	0	-6	945.26	938.89	89.11	o
14	0	-6	45.25	43.59	76.96	o
16	0	-6	883.47	886.13	84.70	o
18	0	-6	714.72	666.09	135.20	o
20	0	-6	31.23	41.64	98.03	o
22	0	-6	560.99	562.14	122.69	o
24	0	-6	197.02	157.58	129.90	o
26	0	-6	12.94	40.71	166.31	o
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2	1	-6	1975.61	2192.26	71.56	o
3	1	-6	1313.99	1503.74	66.21	o
4	1	-6	2198.36	2291.64	68.13	o
5	1	-6	1137.15	1105.36	69.36	o
6	1	-6	1198.65	1291.04	66.08	o
7	1	-6	165.46	192.29	54.96	o
8	1	-6	309.88	429.03	64.09	o
9	1	-6	1078.07	1021.81	62.73	o
10	1	-6	178.73	205.18	57.36	o
11	1	-6	480.63	392.93	58.03	o
12	1	-6	792.73	842.04	67.26	o
13	1	-6	188.40	217.75	66.50	o
14	1	-6	474.14	543.71	68.61	o
15	1	-6	254.25	228.52	64.04	o
16	1	-6	291.16	281.89	75.43	o
17	1	-6	192.79	155.83	71.41	o
18	1	-6	732.37	734.25	70.47	o
19	1	-6	190.33	184.85	80.37	o
20	1	-6	1448.87	1474.15	81.03	o
21	1	-6	0.88	33.08	77.25	o
22	1	-6	445.04	491.97	93.75	o
23	1	-6	4.98	-38.77	107.53	o
24	1	-6	15.42	50.97	83.01	o
25	1	-6	100.90	42.80	101.31	o
26	1	-6	40.67	-37.65	94.58	o
27	1	-6	48.00	36.19	122.26	o
0	2	-6	1151.20	1191.58	89.97	o
1	2	-6	1190.88	1193.86	65.38	o
2	2	-6	650.20	670.14	59.54	o
3	2	-6	731.35	735.69	60.68	o
4	2	-6	698.67	726.53	65.02	o
5	2	-6	955.63	976.38	57.53	o
6	2	-6	45.99	56.84	57.87	o
7	2	-6	231.60	271.63	56.11	o
8	2	-6	568.67	539.58	70.33	o
9	2	-6	1208.56	1126.67	60.21	o
10	2	-6	356.80	306.63	66.57	o
11	2	-6	2352.19	2510.82	78.19	o
12	2	-6	158.19	260.94	67.78	o
13	2	-6	663.24	654.55	61.45	o
14	2	-6	468.95	361.83	60.38	o

15	2	-6	376.06	362.98	65.49 o
16	2	-6	339.92	318.84	73.46 o
17	2	-6	985.64	1058.50	75.86 o
18	2	-6	372.20	420.77	74.07 o
19	2	-6	379.12	329.27	81.18 o
20	2	-6	23.00	26.22	75.75 o
21	2	-6	131.43	177.33	85.34 o
22	2	-6	111.50	107.91	79.79 o
23	2	-6	372.22	325.03	99.79 o
24	2	-6	95.11	116.90	100.81 o
25	2	-6	20.16	37.82	86.69 o
26	2	-6	99.20	113.58	99.20 o
1	3	-6	359.74	399.89	61.02 o
2	3	-6	49.84	41.41	63.77 o
3	3	-6	2312.94	2441.38	104.20 o
4	3	-6	1784.41	1832.79	62.15 o
5	3	-6	744.75	908.01	71.67 o
6	3	-6	1778.20	1791.15	69.23 o
7	3	-6	1038.12	1098.10	68.15 o
8	3	-6	1577.45	1575.19	89.20 o
9	3	-6	1440.80	1442.03	75.53 o
10	3	-6	382.23	425.50	63.52 o
11	3	-6	215.03	239.88	72.43 o
12	3	-6	1319.19	1154.46	62.38 o
13	3	-6	173.88	248.13	64.53 o
14	3	-6	509.44	534.87	59.44 o
15	3	-6	148.62	208.23	73.22 o
16	3	-6	685.31	705.43	87.19 o
17	3	-6	75.05	42.93	80.51 o
18	3	-6	113.23	79.72	91.58 o
19	3	-6	436.15	489.52	91.53 o
20	3	-6	24.49	41.16	83.19 o
21	3	-6	182.91	160.53	87.50 o
22	3	-6	52.83	58.44	89.46 o
23	3	-6	34.93	24.08	89.41 o
24	3	-6	38.44	78.52	103.99 o
25	3	-6	61.25	44.26	99.05 o
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3	4	-6	60.98	103.70	71.36 o
4	4	-6	1267.72	1182.00	66.58 o
5	4	-6	235.33	266.37	62.62 o
6	4	-6	817.29	883.45	65.62 o
7	4	-6	358.29	341.25	64.14 o
8	4	-6	53.25	78.22	62.90 o
9	4	-6	43.53	86.28	72.41 o
10	4	-6	477.93	446.47	65.08 o
11	4	-6	207.09	208.10	69.53 o
12	4	-6	1196.15	1205.43	66.40 o
13	4	-6	197.04	276.76	72.40 o
14	4	-6	633.41	581.85	73.78 o
15	4	-6	88.17	56.85	70.74 o
16	4	-6	33.54	72.73	83.47 o
17	4	-6	149.44	168.42	73.10 o
18	4	-6	17.96	73.01	91.03 o
19	4	-6	7.25	45.42	103.81 o
20	4	-6	55.92	-63.51	94.33 o
21	4	-6	15.58	-26.26	98.85 o
22	4	-6	66.89	85.66	103.31 o

23	4	-6	27.38	28.55	97.33 o
24	4	-6	163.91	161.70	123.34 o
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2	5	-6	118.87	181.92	76.61 o
3	5	-6	187.85	259.81	78.44 o
4	5	-6	599.61	527.60	79.58 o
5	5	-6	83.83	52.39	85.82 o
6	5	-6	753.07	704.31	80.74 o
7	5	-6	215.27	390.37	64.72 o
8	5	-6	1982.59	1934.29	69.28 o
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10	5	-6	833.89	917.46	76.39 o
11	5	-6	128.23	209.15	88.84 o
12	5	-6	54.59	33.03	73.20 o
13	5	-6	182.20	161.24	91.85 o
14	5	-6	454.38	447.34	86.55 o
15	5	-6	199.43	226.75	85.42 o
16	5	-6	115.86	174.50	87.68 o
17	5	-6	21.39	39.50	102.01 o
18	5	-6	18.86	56.92	96.37 o
19	5	-6	67.03	129.05	111.10 o
20	5	-6	42.08	27.43	92.40 o
21	5	-6	51.77	44.25	95.37 o
22	5	-6	0.67	79.24	121.43 o
23	5	-6	21.21	-24.31	112.37 o
0	6	-6	8.01	-2.43	137.41 o
1	6	-6	295.17	308.66	79.83 o
2	6	-6	578.65	496.14	84.68 o
3	6	-6	274.59	263.49	83.16 o
4	6	-6	421.51	472.47	81.27 o
5	6	-6	152.36	165.33	73.67 o
6	6	-6	509.04	551.04	81.52 o
7	6	-6	42.77	33.79	69.06 o
8	6	-6	10.30	2.81	74.93 o
9	6	-6	170.26	203.50	91.44 o
10	6	-6	1080.27	1071.06	87.10 o
11	6	-6	185.77	238.92	89.11 o
12	6	-6	784.72	731.07	78.63 o
13	6	-6	130.83	179.09	98.02 o
14	6	-6	156.69	152.20	101.81 o
15	6	-6	89.16	118.34	93.37 o
16	6	-6	26.90	-0.82	90.84 o
17	6	-6	148.98	108.37	102.01 o
18	6	-6	123.30	128.97	103.72 o
19	6	-6	52.47	19.21	96.14 o
20	6	-6	7.02	-12.06	98.47 o
1	7	-6	267.93	222.65	84.18 o
2	7	-6	22.99	67.54	103.38 o
3	7	-6	87.33	39.62	87.83 o
4	7	-6	48.75	39.86	82.00 o
5	7	-6	504.36	482.72	99.72 o
6	7	-6	63.56	86.43	87.93 o
7	7	-6	223.62	173.76	113.81 o
8	7	-6	244.95	213.87	98.74 o
9	7	-6	500.32	482.51	102.69 o
10	7	-6	302.36	259.64	99.35 o
11	7	-6	2.07	10.19	111.90 o
12	7	-6	124.62	87.30	119.92 o
13	7	-6	175.50	161.05	107.44 o
14	7	-6	28.48	-38.26	110.62 o
15	7	-6	141.23	100.81	89.63 o

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2	8	-6	142.56	137.18	113.68	o
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4	8	-6	19.83	8.13	122.22	o
5	8	-6	190.98	190.63	124.01	o
6	8	-6	5.91	27.97	95.17	o
7	8	-6	293.85	215.79	124.75	o
8	8	-6	30.98	38.39	102.70	o
9	8	-6	68.02	75.37	124.52	o
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11	8	-6	117.99	75.45	113.10	o
12	8	-6	44.81	3.99	130.50	o
13	8	-6	61.48	77.62	110.36	o
1	9	-6	18.20	82.33	178.80	o
2	9	-6	147.79	68.63	144.75	o
3	9	-6	36.44	131.96	146.06	o
4	9	-6	297.27	189.37	182.25	o
2	0	-5	2468.68	2621.03	100.91	o
4	0	-5	8805.52	8903.72	295.65	o
6	0	-5	3075.07	2969.09	96.19	o
8	0	-5	3198.99	3035.65	127.76	o
10	0	-5	3001.01	3083.46	107.38	o
12	0	-5	36.00	67.62	96.40	o
14	0	-5	68.64	91.91	83.36	o
16	0	-5	455.77	473.03	88.81	o
18	0	-5	1030.48	1260.50	231.29	o
20	0	-5	1114.16	1333.73	140.56	o
22	0	-5	334.88	247.91	114.19	o
24	0	-5	120.17	105.06	118.09	o
26	0	-5	228.06	286.96	126.42	o
28	0	-5	101.72	45.71	167.16	o
0	1	-5	4789.67	4386.43	194.63	o
1	1	-5	2090.25	2301.10	155.36	o
2	1	-5	1054.70	1177.82	59.44	o
3	1	-5	462.84	505.52	53.84	o
4	1	-5	618.91	666.29	62.11	o
5	1	-5	1983.60	2105.03	88.93	o
6	1	-5	437.84	473.26	61.47	o
7	1	-5	6.79	-5.37	52.51	o
8	1	-5	2434.67	2308.71	134.32	o
9	1	-5	2283.26	2159.51	85.96	o
10	1	-5	217.34	340.95	62.26	o
11	1	-5	744.25	719.02	65.82	o
12	1	-5	718.73	800.86	64.24	o
13	1	-5	789.71	849.96	64.48	o
14	1	-5	1091.39	1152.25	67.11	o
15	1	-5	411.03	503.75	63.43	o
16	1	-5	1358.49	1414.02	100.31	o
17	1	-5	11.58	67.48	73.40	o
18	1	-5	1021.86	1003.14	83.36	o
19	1	-5	20.17	101.05	82.54	o
20	1	-5	178.94	187.23	93.76	o
21	1	-5	100.72	62.08	67.87	o
22	1	-5	773.06	799.66	77.79	o
23	1	-5	189.19	169.30	83.77	o
24	1	-5	619.45	750.11	96.28	o
25	1	-5	63.67	63.02	88.61	o
26	1	-5	37.68	18.27	99.66	o

27	1	-5	150.92	110.93	94.06	o
28	1	-5	0.33	111.68	119.93	o
1	2	-5	497.79	445.10	66.08	o
2	2	-5	1148.35	1123.74	63.52	o
3	2	-5	318.11	400.03	55.16	o
4	2	-5	1112.15	1159.41	73.70	o
5	2	-5	99.20	52.41	57.42	o
6	2	-5	134.94	101.87	53.20	o
7	2	-5	1482.97	1458.44	98.02	o
8	2	-5	1683.90	2093.47	73.41	o
9	2	-5	3081.12	2836.30	130.81	o
10	2	-5	45.05	122.69	57.32	o
11	2	-5	488.09	506.51	60.01	o
12	2	-5	236.92	310.21	69.55	o
13	2	-5	1366.15	1474.27	86.56	o
14	2	-5	324.10	383.07	71.23	o
15	2	-5	1512.43	1508.31	119.75	o
16	2	-5	56.92	108.07	66.29	o
17	2	-5	145.30	257.15	72.31	o
18	2	-5	187.11	170.67	75.05	o
19	2	-5	845.52	949.77	97.44	o
20	2	-5	884.40	849.31	89.82	o
21	2	-5	936.25	975.24	78.24	o
22	2	-5	245.97	304.71	83.01	o
23	2	-5	76.05	94.65	91.97	o
24	2	-5	7.82	-6.11	86.45	o
25	2	-5	93.08	21.48	82.37	o
26	2	-5	3.15	-28.25	101.02	o
27	2	-5	128.62	131.22	95.98	o
28	2	-5	20.70	-47.44	111.77	o
0	3	-5	1681.38	1803.85	148.52	o
1	3	-5	2846.02	2886.34	167.20	o
2	3	-5	420.31	474.65	73.99	o
3	3	-5	335.40	289.75	61.25	o
4	3	-5	1336.91	1373.74	65.52	o
5	3	-5	995.54	1006.14	59.85	o
6	3	-5	13.03	135.22	53.96	o
7	3	-5	1457.00	1569.21	94.34	o
8	3	-5	423.82	416.10	59.31	o
9	3	-5	137.18	172.41	57.64	o
10	3	-5	1278.43	1254.25	61.00	o
11	3	-5	2783.95	2798.85	110.47	o
12	3	-5	1849.87	2075.19	83.65	o
13	3	-5	915.76	936.18	69.08	o
14	3	-5	90.87	48.31	65.90	o
15	3	-5	1234.34	1198.19	86.12	o
16	3	-5	209.44	250.73	70.83	o
17	3	-5	569.75	761.40	94.00	o
18	3	-5	753.80	907.68	96.00	o
19	3	-5	70.29	42.28	77.60	o
20	3	-5	218.18	223.25	75.01	o
21	3	-5	85.16	119.91	100.93	o
22	3	-5	34.98	90.49	84.80	o
23	3	-5	419.19	439.54	87.24	o
24	3	-5	5.38	25.42	99.05	o
25	3	-5	18.08	51.67	101.29	o
26	3	-5	61.33	31.36	105.52	o
27	3	-5	102.30	46.53	109.54	o
1	4	-5	89.58	137.21	71.08	o
2	4	-5	1074.76	1124.41	74.73	o
3	4	-5	1685.67	1672.34	71.26	o

4	4	-5	1612.17	1695.77	108.81 o
5	4	-5	614.96	557.36	59.14 o
6	4	-5	608.44	690.92	66.01 o
7	4	-5	196.78	227.75	57.70 o
8	4	-5	2885.62	2683.26	135.69 o
9	4	-5	544.68	483.68	67.17 o
10	4	-5	549.22	589.31	68.08 o
11	4	-5	445.95	361.30	62.49 o
12	4	-5	259.42	235.35	62.50 o
13	4	-5	403.38	380.43	69.71 o
14	4	-5	137.26	144.68	65.96 o
15	4	-5	75.37	165.20	78.11 o
16	4	-5	1268.19	1278.95	83.90 o
17	4	-5	414.65	377.50	78.88 o
18	4	-5	72.74	103.65	96.24 o
19	4	-5	59.78	111.66	100.53 o
20	4	-5	132.64	155.77	103.95 o
21	4	-5	70.67	99.60	86.34 o
22	4	-5	223.25	188.85	90.46 o
23	4	-5	9.93	22.21	100.78 o
24	4	-5	146.56	76.58	103.17 o
25	4	-5	69.43	187.71	105.69 o
26	4	-5	85.26	22.54	122.62 o
0	5	-5	2008.08	2088.23	168.48 o
1	5	-5	468.36	600.14	84.56 o
2	5	-5	262.19	212.20	67.74 o
3	5	-5	360.87	370.39	75.06 o
4	5	-5	1738.92	1823.52	82.00 o
5	5	-5	412.90	454.12	64.96 o
6	5	-5	877.50	808.09	75.16 o
7	5	-5	312.94	215.92	62.67 o
8	5	-5	17.60	19.57	55.53 o
9	5	-5	345.62	364.62	67.87 o
10	5	-5	742.98	737.13	73.84 o
11	5	-5	114.95	141.08	76.78 o
12	5	-5	1282.72	1209.79	74.73 o
13	5	-5	72.16	81.14	87.04 o
14	5	-5	650.79	701.00	82.76 o
15	5	-5	175.52	190.24	93.32 o
16	5	-5	302.82	350.11	90.16 o
17	5	-5	228.84	225.74	92.86 o
18	5	-5	200.69	283.83	86.22 o
19	5	-5	70.29	69.37	75.02 o
20	5	-5	27.00	-15.89	96.40 o
21	5	-5	34.39	22.35	112.56 o
22	5	-5	87.78	93.13	93.58 o
23	5	-5	1.53	41.48	104.87 o
24	5	-5	67.36	60.63	109.38 o
1	6	-5	371.20	368.95	79.12 o
2	6	-5	150.55	198.28	86.25 o
3	6	-5	288.00	290.80	78.13 o
4	6	-5	3.03	51.20	65.75 o
5	6	-5	684.30	641.47	85.04 o
6	6	-5	926.24	852.61	100.02 o
7	6	-5	385.25	439.59	87.61 o
8	6	-5	1459.81	1352.39	92.25 o
9	6	-5	420.27	513.37	81.48 o
10	6	-5	481.32	544.18	77.13 o
11	6	-5	1.40	76.83	82.14 o
12	6	-5	262.96	314.76	91.99 o
13	6	-5	210.37	262.52	79.85 o

14	6	-5	898.24	1002.13	101.38 o
15	6	-5	225.24	170.34	86.57 o
16	6	-5	241.68	226.31	94.46 o
17	6	-5	2.73	47.09	106.74 o
18	6	-5	59.73	98.75	91.11 o
19	6	-5	193.92	114.09	112.60 o
20	6	-5	97.61	145.85	116.10 o
21	6	-5	27.74	43.00	89.50 o
22	6	-5	31.47	-30.70	111.63 o
0	7	-5	451.23	361.17	116.12 o
1	7	-5	432.53	411.49	82.78 o
2	7	-5	4.41	1.44	81.42 o
3	7	-5	135.99	120.16	90.58 o
4	7	-5	3.22	41.84	90.87 o
5	7	-5	192.42	224.85	101.72 o
6	7	-5	230.43	225.64	101.53 o
7	7	-5	276.24	293.66	103.06 o
8	7	-5	286.75	303.91	96.12 o
9	7	-5	121.34	116.36	92.11 o
10	7	-5	122.77	100.64	109.71 o
11	7	-5	630.31	653.41	113.20 o
12	7	-5	175.59	184.94	101.53 o
13	7	-5	179.36	171.58	103.84 o
14	7	-5	131.39	75.38	95.34 o
15	7	-5	66.35	88.81	111.87 o
16	7	-5	64.39	58.13	114.52 o
17	7	-5	202.22	129.18	116.49 o
18	7	-5	27.54	39.29	105.49 o
19	7	-5	26.26	39.64	99.04 o
1	8	-5	149.64	154.15	124.37 o
2	8	-5	157.12	151.37	144.10 o
3	8	-5	705.65	654.03	130.70 o
4	8	-5	441.66	300.55	119.33 o
5	8	-5	303.95	241.03	114.00 o
6	8	-5	54.35	45.96	127.66 o
7	8	-5	60.63	65.42	93.51 o
8	8	-5	21.96	61.53	112.85 o
9	8	-5	358.13	338.64	107.59 o
10	8	-5	112.42	97.92	105.25 o
11	8	-5	121.86	75.19	108.03 o
12	8	-5	16.13	34.41	95.18 o
13	8	-5	33.01	73.99	122.41 o
14	8	-5	15.48	57.09	119.37 o
15	8	-5	34.07	13.71	123.45 o
16	8	-5	9.58	22.93	100.93 o
0	9	-5	726.96	608.42	242.76 o
1	9	-5	6.30	107.40	169.23 o
2	9	-5	267.46	167.13	173.11 o
3	9	-5	58.89	45.51	149.51 o
4	9	-5	12.57	30.40	138.25 o
5	9	-5	109.03	105.10	115.18 o
6	9	-5	133.57	120.17	147.61 o
7	9	-5	65.72	34.95	130.11 o
8	9	-5	98.22	51.40	162.91 o
9	9	-5	90.62	102.93	129.19 o
10	9	-5	6.61	-16.53	122.59 o
0	0	-4	2785.62	2989.94	131.22 o
2	0	-4	3527.42	3608.81	220.98 o
4	0	-4	11571.06	12800.65	140.46 o
6	0	-4	11299.07	10383.94	778.84 o
8	0	-4	3524.89	3499.03	102.84 o



10	0	-4	520.62	579.28	83.74 o
12	0	-4	3018.41	2970.48	94.11 o
14	0	-4	1375.16	1394.44	98.85 o
16	0	-4	845.68	1006.98	153.79 o
18	0	-4	33.42	-6.99	120.32 o
20	0	-4	137.86	164.32	89.45 o
22	0	-4	1152.38	1284.71	260.21 o
24	0	-4	426.48	420.07	102.18 o
26	0	-4	482.56	595.47	126.07 o
28	0	-4	388.10	231.86	131.86 o
30	0	-4	46.68	116.09	172.88 o
1	1	-4	1311.88	1206.32	60.18 o
2	1	-4	1391.40	1509.61	62.21 o
3	1	-4	1774.30	1695.15	65.57 o
4	1	-4	6054.51	6320.60	453.58 o
5	1	-4	9463.74	9743.15	295.11 o
6	1	-4	2701.68	3076.77	90.50 o
7	1	-4	302.79	551.58	55.42 o
8	1	-4	6279.54	6150.96	292.90 o
9	1	-4	3291.97	3309.76	206.71 o
10	1	-4	1221.36	1060.00	82.28 o
11	1	-4	779.86	716.45	58.12 o
12	1	-4	479.46	446.91	68.54 o
13	1	-4	298.36	319.09	59.29 o
14	1	-4	1152.39	1116.36	90.65 o
15	1	-4	680.78	807.18	77.82 o
16	1	-4	1580.45	1439.46	70.96 o
17	1	-4	89.03	94.01	77.27 o
18	1	-4	54.20	95.19	86.74 o
19	1	-4	214.39	232.89	66.60 o
20	1	-4	1118.08	1220.28	85.64 o
21	1	-4	104.44	128.38	83.44 o
22	1	-4	58.22	59.52	84.37 o
23	1	-4	77.76	120.84	73.56 o
24	1	-4	412.08	417.80	92.02 o
25	1	-4	244.16	260.86	78.53 o
26	1	-4	132.27	123.46	88.01 o
27	1	-4	72.57	97.60	90.11 o
28	1	-4	82.02	91.67	85.69 o
29	1	-4	24.53	68.75	119.27 o
30	1	-4	5.08	-1.56	111.20 o
0	2	-4	1304.12	1374.92	88.12 o
1	2	-4	300.97	261.24	55.60 o
2	2	-4	1449.97	1539.35	62.46 o
3	2	-4	650.87	774.82	66.25 o
4	2	-4	965.79	971.46	58.96 o
5	2	-4	1828.84	1907.89	66.52 o
6	2	-4	86.68	116.40	60.92 o
7	2	-4	614.72	874.50	67.82 o
8	2	-4	1766.89	1882.12	69.25 o
9	2	-4	3172.29	3392.79	71.87 o
10	2	-4	1089.39	1068.21	56.66 o
11	2	-4	9854.77	9354.50	516.44 o
12	2	-4	870.96	1171.16	68.18 o
13	2	-4	1779.54	1726.19	66.04 o
14	2	-4	222.29	193.20	70.47 o
15	2	-4	6376.58	6299.78	573.39 o
16	2	-4	86.45	218.07	69.79 o
17	2	-4	1244.66	1224.46	99.00 o
18	2	-4	36.16	149.74	73.17 o
19	2	-4	670.16	713.91	83.86 o

20	2	-4	7.39	46.86	73.87	o
21	2	-4	288.58	283.19	77.58	o
22	2	-4	12.27	70.09	85.28	o
23	2	-4	992.21	1072.95	91.52	o
24	2	-4	89.62	65.74	77.82	o
25	2	-4	174.07	173.91	104.92	o
26	2	-4	55.11	53.18	109.60	o
27	2	-4	124.09	121.93	93.43	o
28	2	-4	39.92	39.48	117.77	o
29	2	-4	21.33	70.95	99.79	o
1	3	-4	1591.41	1620.12	109.52	o
2	3	-4	455.19	666.00	69.89	o
3	3	-4	4839.94	4238.49	137.51	o
4	3	-4	241.68	326.56	66.62	o
5	3	-4	391.74	437.40	61.92	o
6	3	-4	40.22	11.53	65.03	o
7	3	-4	937.73	942.13	68.73	o
8	3	-4	2490.76	2291.42	150.55	o
9	3	-4	1556.15	1491.71	85.51	o
10	3	-4	1281.81	1311.67	87.98	o
11	3	-4	248.60	439.03	71.35	o
12	3	-4	720.49	639.29	67.10	o
13	3	-4	1233.90	1193.21	73.70	o
14	3	-4	34.85	71.00	66.68	o
15	3	-4	731.37	786.97	73.90	o
16	3	-4	1094.47	1176.38	82.34	o
17	3	-4	259.96	231.56	79.49	o
18	3	-4	97.67	180.68	89.15	o
19	3	-4	555.94	560.65	77.25	o
20	3	-4	1312.67	1469.40	145.81	o
21	3	-4	258.94	310.61	98.73	o
22	3	-4	382.25	452.21	75.57	o
23	3	-4	124.95	160.67	103.97	o
24	3	-4	16.06	51.00	95.66	o
25	3	-4	144.85	213.88	89.33	o
26	3	-4	3.53	35.02	99.84	o
27	3	-4	127.04	113.33	94.23	o
28	3	-4	21.44	22.50	122.30	o
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1	4	-4	1855.64	1924.29	83.19	o
2	4	-4	1979.81	1981.80	80.87	o
3	4	-4	80.81	166.13	74.81	o
4	4	-4	326.91	343.84	61.42	o
5	4	-4	654.35	659.40	63.63	o
6	4	-4	2545.10	2674.69	104.31	o
7	4	-4	1299.45	1337.69	67.03	o
8	4	-4	1901.48	1815.84	88.26	o
9	4	-4	177.57	191.69	67.13	o
10	4	-4	184.82	209.01	70.42	o
11	4	-4	95.05	124.69	65.56	o
12	4	-4	1191.27	1061.13	70.20	o
13	4	-4	691.07	676.56	75.95	o
14	4	-4	45.67	59.07	68.58	o
15	4	-4	124.71	264.52	87.82	o
16	4	-4	165.25	213.55	79.63	o
17	4	-4	220.48	253.58	70.81	o
18	4	-4	199.48	201.21	77.33	o
19	4	-4	159.34	257.42	86.76	o
20	4	-4	179.77	102.06	81.56	o
21	4	-4	10.11	-3.69	90.79	o
22	4	-4	253.29	238.80	89.14	o

23	4	-4	85.88	145.30	111.86	o
24	4	-4	148.37	157.84	91.60	o
25	4	-4	12.10	42.95	113.83	o
26	4	-4	70.25	91.12	94.93	o
27	4	-4	59.25	57.73	100.75	o
1	5	-4	340.08	320.34	71.50	o
2	5	-4	837.91	866.41	74.41	o
3	5	-4	574.33	730.93	74.31	o
4	5	-4	3177.49	3002.70	190.41	o
5	5	-4	1102.02	1181.50	79.31	o
6	5	-4	622.39	556.93	63.39	o
7	5	-4	29.38	113.60	64.45	o
8	5	-4	1559.63	1723.38	118.78	o
9	5	-4	23.12	36.06	72.77	o
10	5	-4	217.23	242.22	81.35	o
11	5	-4	352.78	350.77	83.26	o
12	5	-4	447.03	510.71	84.48	o
13	5	-4	422.58	388.02	79.79	o
14	5	-4	449.94	436.28	84.17	o
15	5	-4	149.21	84.65	83.80	o
16	5	-4	1237.41	1232.02	90.34	o
17	5	-4	97.06	127.54	87.11	o
18	5	-4	230.15	206.11	101.21	o
19	5	-4	100.97	97.87	83.20	o
20	5	-4	1006.33	1298.56	108.32	o
21	5	-4	122.79	185.19	87.10	o
22	5	-4	87.58	93.05	110.13	o
23	5	-4	118.26	67.71	101.22	o
24	5	-4	52.78	3.25	115.94	o
25	5	-4	39.22	23.76	97.47	o
26	5	-4	97.59	78.04	97.11	o
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1	6	-4	335.04	282.66	70.68	o
2	6	-4	41.39	80.92	73.60	o
3	6	-4	476.52	495.68	80.84	o
4	6	-4	318.08	317.57	94.82	o
5	6	-4	204.80	284.72	94.27	o
6	6	-4	164.90	143.13	74.32	o
7	6	-4	61.09	78.11	89.05	o
8	6	-4	25.67	67.95	90.51	o
9	6	-4	133.32	211.30	75.10	o
10	6	-4	794.32	761.83	78.96	o
11	6	-4	569.76	590.25	88.65	o
12	6	-4	599.99	637.88	75.60	o
13	6	-4	174.11	211.21	81.56	o
14	6	-4	179.28	171.34	88.27	o
15	6	-4	282.55	309.59	83.12	o
16	6	-4	970.10	927.94	94.44	o
17	6	-4	288.68	416.20	94.30	o
18	6	-4	578.11	597.76	96.41	o
19	6	-4	13.62	24.10	96.01	o
20	6	-4	6.18	30.43	97.69	o
21	6	-4	78.59	65.13	113.66	o
22	6	-4	48.59	70.23	98.40	o
23	6	-4	85.29	15.20	121.54	o
24	6	-4	143.09	132.72	104.88	o
1	7	-4	95.61	116.84	106.05	o
2	7	-4	1092.06	1056.00	145.30	o
3	7	-4	439.00	499.93	118.92	o
4	7	-4	673.76	513.87	88.36	o
5	7	-4	19.62	76.13	99.76	o

6	7	-4	404.07	261.25	80.93	o
7	7	-4	195.65	160.17	100.21	o
8	7	-4	173.46	242.97	104.18	o
9	7	-4	600.44	587.50	83.32	o
10	7	-4	157.47	179.25	94.38	o
11	7	-4	138.30	130.20	81.11	o
12	7	-4	86.91	74.64	82.81	o
13	7	-4	370.71	315.59	89.43	o
14	7	-4	94.36	31.84	85.80	o
15	7	-4	389.88	334.49	106.99	o
16	7	-4	53.62	14.59	89.83	o
17	7	-4	16.96	-3.79	89.83	o
18	7	-4	53.91	24.88	106.59	o
19	7	-4	140.73	201.73	116.78	o
20	7	-4	17.53	11.47	106.88	o
21	7	-4	125.05	83.48	100.87	o
0	8	-4	364.89	301.16	151.74	o
1	8	-4	584.85	536.24	103.68	o
2	8	-4	1.86	-12.16	98.29	o
3	8	-4	54.31	65.89	107.52	o
4	8	-4	111.23	117.66	127.01	o
5	8	-4	302.68	233.09	112.15	o
6	8	-4	176.52	195.38	121.02	o
7	8	-4	722.16	674.61	131.50	o
8	8	-4	16.95	37.41	106.27	o
9	8	-4	82.51	56.55	109.17	o
10	8	-4	91.18	70.63	119.54	o
11	8	-4	200.81	225.18	122.71	o
12	8	-4	113.29	73.57	131.33	o
13	8	-4	85.38	52.25	141.03	o
14	8	-4	112.38	74.21	133.59	o
15	8	-4	6.82	-62.75	138.61	o
16	8	-4	14.79	70.77	117.43	o
17	8	-4	123.20	126.51	109.56	o
18	8	-4	8.12	-22.51	125.94	o
1	9	-4	26.47	31.52	98.37	o
2	9	-4	218.73	236.42	127.92	o
3	9	-4	52.45	12.77	125.05	o
4	9	-4	374.12	266.91	122.52	o
5	9	-4	40.78	53.00	126.29	o
6	9	-4	16.72	52.02	101.95	o
7	9	-4	179.02	184.35	122.41	o
8	9	-4	173.45	220.64	124.89	o
9	9	-4	63.56	96.42	110.93	o
10	9	-4	133.67	128.54	111.28	o
11	9	-4	23.56	-11.47	117.97	o
12	9	-4	23.97	20.87	118.91	o
13	9	-4	126.66	76.76	131.41	o
2	0	-3	2030.22	1969.15	181.02	o
4	0	-3	25867.46	23944.70	1337.12	o
6	0	-3	3246.97	3517.54	129.68	o
8	0	-3	38012.30	33206.05	1556.07	o
10	0	-3	6575.12	5918.57	163.40	o
12	0	-3	377.03	377.94	80.47	o
14	0	-3	745.25	825.63	191.36	o
16	0	-3	3751.96	3442.59	103.65	o
18	0	-3	2.58	-22.88	97.11	o
20	0	-3	610.03	555.14	123.87	o
22	0	-3	886.90	996.91	134.57	o
24	0	-3	1751.30	2093.83	378.14	o
26	0	-3	202.76	369.64	147.78	o

28	0	-3	72.59	76.25	153.53	o
30	0	-3	271.65	259.85	170.65	o
0	1	-3	1896.90	2656.35	100.74	o
1	1	-3	7108.68	7256.90	324.13	o
2	1	-3	1842.23	2204.42	98.88	o
3	1	-3	1127.86	1344.10	73.91	o
4	1	-3	8743.92	8232.26	425.45	o
5	1	-3	3595.13	3819.99	172.26	o
6	1	-3	7996.85	7511.16	235.02	o
7	1	-3	3632.64	3507.45	186.46	o
8	1	-3	253.45	352.64	53.95	o
9	1	-3	2635.04	2721.41	139.84	o
10	1	-3	6293.60	6190.25	274.12	o
11	1	-3	1077.56	1370.43	76.18	o
12	1	-3	7477.37	6897.03	551.63	o
13	1	-3	724.10	837.85	89.45	o
14	1	-3	318.19	245.43	72.65	o
15	1	-3	523.14	565.37	74.62	o
16	1	-3	85.86	67.85	62.76	o
17	1	-3	112.85	150.38	74.06	o
18	1	-3	33.70	51.29	63.62	o
19	1	-3	15.07	49.73	70.45	o
20	1	-3	97.62	65.49	73.25	o
21	1	-3	145.62	141.92	68.62	o
22	1	-3	99.04	169.11	82.85	o
23	1	-3	178.31	209.06	71.13	o
24	1	-3	335.33	413.33	87.07	o
25	1	-3	25.63	47.10	89.38	o
26	1	-3	161.16	194.63	92.89	o
27	1	-3	280.76	314.76	95.32	o
28	1	-3	454.91	378.71	94.17	o
29	1	-3	85.09	154.77	102.19	o
30	1	-3	64.70	60.14	120.79	o
31	1	-3	9.74	-16.38	99.52	o
1	2	-3	2014.81	1917.66	70.23	o
2	2	-3	150.22	350.68	60.21	o
3	2	-3	1955.53	1802.97	56.96	o
4	2	-3	435.19	520.84	62.31	o
5	2	-3	101.50	259.94	60.51	o
6	2	-3	7552.44	7105.91	502.09	o
7	2	-3	3231.58	3052.22	122.30	o
8	2	-3	393.57	577.33	61.74	o
9	2	-3	1878.08	1842.61	74.80	o
10	2	-3	1632.26	1554.44	72.17	o
11	2	-3	829.46	933.37	65.48	o
12	2	-3	1770.09	1721.52	96.14	o
13	2	-3	3170.53	2936.07	223.61	o
14	2	-3	999.57	1073.32	70.81	o
15	2	-3	5054.16	4824.49	237.28	o
16	2	-3	853.43	903.86	76.19	o
17	2	-3	357.67	399.71	84.65	o
18	2	-3	585.19	564.58	71.97	o
19	2	-3	1840.30	2045.69	162.06	o
20	2	-3	120.08	162.73	80.95	o
21	2	-3	431.33	470.03	76.88	o
22	2	-3	173.98	159.91	77.14	o
23	2	-3	42.77	63.54	85.18	o
24	2	-3	256.97	159.38	99.40	o
25	2	-3	112.97	156.01	83.40	o
26	2	-3	30.65	29.33	106.84	o
27	2	-3	250.23	293.80	109.37	o

28	2	-3	14.10	38.57	91.52	o
29	2	-3	23.67	53.13	104.33	o
30	2	-3	26.75	-45.73	107.63	o
0	3	-3	124.70	272.93	75.25	o
1	3	-3	1751.25	1595.80	92.27	o
2	3	-3	835.17	938.36	60.72	o
3	3	-3	655.28	729.50	70.65	o
4	3	-3	220.15	244.61	61.19	o
5	3	-3	2133.01	2026.61	107.39	o
6	3	-3	106.65	332.99	62.51	o
7	3	-3	4524.40	4294.61	169.54	o
8	3	-3	100.78	252.79	63.11	o
9	3	-3	550.39	492.84	58.51	o
10	3	-3	351.50	322.61	64.63	o
11	3	-3	4770.50	4377.52	292.96	o
12	3	-3	857.03	931.25	83.94	o
13	3	-3	1470.04	1523.51	100.50	o
14	3	-3	4099.20	3967.30	127.49	o
15	3	-3	3265.59	3275.67	441.14	o
16	3	-3	2210.24	2412.96	117.21	o
17	3	-3	278.39	310.25	71.20	o
18	3	-3	512.44	537.01	88.19	o
19	3	-3	120.25	139.60	73.28	o
20	3	-3	878.76	928.48	86.04	o
21	3	-3	49.50	35.46	78.51	o
22	3	-3	351.69	442.86	88.64	o
23	3	-3	499.94	572.36	101.40	o
24	3	-3	690.33	760.44	86.83	o
25	3	-3	96.74	7.93	94.01	o
26	3	-3	220.46	184.27	114.26	o
27	3	-3	233.42	294.01	102.68	o
28	3	-3	109.84	223.79	108.42	o
29	3	-3	101.73	110.26	121.85	o
1	4	-3	170.14	265.34	62.85	o
2	4	-3	4811.77	4648.69	268.13	o
3	4	-3	2503.93	2664.98	133.11	o
4	4	-3	9430.68	9846.33	458.66	o
5	4	-3	1070.44	1396.58	71.10	o
6	4	-3	1555.38	1607.22	72.00	o
7	4	-3	262.11	266.54	67.84	o
8	4	-3	1133.85	1229.70	79.53	o
9	4	-3	598.87	567.74	65.70	o
10	4	-3	516.00	605.90	72.51	o
11	4	-3	680.89	719.03	67.06	o
12	4	-3	84.20	99.22	73.92	o
13	4	-3	26.23	59.43	83.39	o
14	4	-3	796.91	851.38	87.17	o
15	4	-3	88.97	88.45	65.59	o
16	4	-3	1326.00	1405.35	93.47	o
17	4	-3	71.06	32.65	80.33	o
18	4	-3	175.58	176.94	82.76	o
19	4	-3	116.90	169.49	83.48	o
20	4	-3	2100.55	2268.88	123.88	o
21	4	-3	8.20	32.63	81.37	o
22	4	-3	41.60	67.49	100.08	o
23	4	-3	126.43	105.57	97.09	o
24	4	-3	57.50	63.56	95.54	o
25	4	-3	115.37	122.59	89.77	o
26	4	-3	31.27	43.07	103.17	o
27	4	-3	42.63	53.31	105.13	o
28	4	-3	43.41	43.35	112.74	o

0	5	-3	5698.08	5367.19	677.18 o
1	5	-3	830.86	1025.58	77.15 o
2	5	-3	1178.54	1180.10	85.59 o
3	5	-3	417.23	354.39	83.07 o
4	5	-3	175.91	167.89	69.95 o
5	5	-3	357.23	357.08	83.67 o
6	5	-3	1072.97	1014.67	76.59 o
7	5	-3	588.87	654.33	65.93 o
8	5	-3	456.19	490.02	71.50 o
9	5	-3	578.40	627.62	67.02 o
10	5	-3	69.33	96.69	78.42 o
11	5	-3	375.63	374.43	68.35 o
12	5	-3	115.55	176.43	78.45 o
13	5	-3	97.78	108.66	88.79 o
14	5	-3	267.44	277.23	82.06 o
15	5	-3	132.23	172.77	74.61 o
16	5	-3	1569.54	1806.07	110.83 o
17	5	-3	168.79	195.29	96.02 o
18	5	-3	797.67	941.19	102.37 o
19	5	-3	108.79	72.12	90.58 o
20	5	-3	0.31	17.33	99.55 o
21	5	-3	8.79	-26.35	83.36 o
22	5	-3	515.22	577.91	99.01 o
23	5	-3	10.05	105.59	100.85 o
24	5	-3	527.74	508.93	89.11 o
25	5	-3	39.73	97.96	97.05 o
26	5	-3	30.53	6.78	110.68 o
27	5	-3	58.60	18.22	114.37 o
1	6	-3	180.14	228.95	87.28 o
2	6	-3	2122.02	2088.96	108.94 o
3	6	-3	107.57	168.47	73.73 o
4	6	-3	391.60	354.33	81.89 o
5	6	-3	309.11	370.96	78.50 o
6	6	-3	157.27	136.16	90.64 o
7	6	-3	358.97	397.99	88.77 o
8	6	-3	42.86	30.22	74.36 o
9	6	-3	265.13	281.42	82.84 o
10	6	-3	212.10	177.55	75.29 o
11	6	-3	116.16	224.20	78.41 o
12	6	-3	576.75	570.13	82.72 o
13	6	-3	505.98	423.60	70.37 o
14	6	-3	1312.05	1352.21	85.61 o
15	6	-3	389.95	480.23	101.99 o
16	6	-3	243.98	277.24	86.68 o
17	6	-3	45.01	62.56	99.84 o
18	6	-3	326.60	303.99	94.02 o
19	6	-3	242.08	280.74	97.11 o
20	6	-3	1003.08	1066.89	102.31 o
21	6	-3	115.17	196.80	112.97 o
22	6	-3	336.05	270.82	105.82 o
23	6	-3	0.59	-29.44	97.38 o
24	6	-3	25.49	18.81	125.44 o
25	6	-3	3.68	-31.99	114.96 o
0	7	-3	2029.66	1933.42	157.81 o
1	7	-3	352.15	415.57	82.25 o
2	7	-3	1405.72	1356.94	126.06 o
3	7	-3	622.20	644.50	96.46 o
4	7	-3	182.07	197.70	94.05 o
5	7	-3	169.49	175.02	102.74 o
6	7	-3	192.24	136.97	88.24 o
7	7	-3	287.38	311.45	96.77 o

8	7	-3	632.25	466.96	86.41	o
9	7	-3	124.53	140.32	87.58	o
10	7	-3	389.15	293.23	88.18	o
11	7	-3	1109.03	1105.17	78.88	o
12	7	-3	106.84	138.96	95.51	o
13	7	-3	274.96	277.37	106.98	o
14	7	-3	28.79	38.42	86.22	o
15	7	-3	365.26	392.92	95.51	o
16	7	-3	30.78	50.15	105.86	o
17	7	-3	265.03	309.80	96.06	o
18	7	-3	91.44	118.77	107.63	o
19	7	-3	48.46	57.52	98.89	o
20	7	-3	69.15	51.66	129.99	o
21	7	-3	23.45	-8.79	114.78	o
22	7	-3	8.62	19.71	139.41	o
1	8	-3	648.06	613.81	92.29	o
2	8	-3	1.65	109.86	82.10	o
3	8	-3	1240.15	1106.17	94.95	o
4	8	-3	35.59	44.31	93.47	o
5	8	-3	117.37	130.99	104.99	o
6	8	-3	306.55	165.67	95.09	o
7	8	-3	23.05	62.56	100.99	o
8	8	-3	455.40	406.37	94.42	o
9	8	-3	159.91	225.63	98.16	o
10	8	-3	85.66	86.87	100.97	o
11	8	-3	134.08	105.02	119.95	o
12	8	-3	22.55	-21.30	126.34	o
13	8	-3	57.46	86.60	116.96	o
14	8	-3	3.54	15.04	111.49	o
15	8	-3	47.25	13.78	115.01	o
16	8	-3	145.16	76.14	133.89	o
17	8	-3	2.36	40.58	115.74	o
18	8	-3	39.05	-44.42	119.84	o
19	8	-3	62.78	125.45	108.20	o
0	9	-3	220.69	176.67	120.64	o
1	9	-3	24.41	36.56	86.66	o
2	9	-3	23.34	-22.78	77.49	o
3	9	-3	38.78	33.31	90.63	o
4	9	-3	199.27	211.00	95.80	o
5	9	-3	119.54	124.21	92.27	o
6	9	-3	277.64	215.70	103.48	o
7	9	-3	40.31	78.48	97.78	o
8	9	-3	63.66	44.99	102.22	o
9	9	-3	242.75	168.55	106.42	o
10	9	-3	35.53	41.07	103.16	o
11	9	-3	161.55	169.34	113.85	o
12	9	-3	212.58	142.47	119.87	o
13	9	-3	0.14	47.01	148.44	o
14	9	-3	123.36	115.95	172.82	o
15	9	-3	60.84	9.15	125.61	o
1	10	-3	3.17	48.84	96.24	o
2	10	-3	33.37	59.60	87.59	o
3	10	-3	0.04	9.43	91.18	o
4	10	-3	28.94	25.01	97.14	o
5	10	-3	7.34	-29.65	107.44	o
6	10	-3	253.13	214.22	116.95	o
7	10	-3	6.93	21.12	114.22	o
0	0	-2	22689.73	24900.94	288.60	o
2	0	-2	1320.83	1405.93	88.56	o
4	0	-2	7348.30	7182.93	432.76	o
6	0	-2	10443.23	10311.37	352.94	o



8	0	-2	7603.38	6296.22	530.34 o
10	0	-2	4915.48	4629.30	747.40 o
12	0	-2	2238.87	2347.91	125.08 o
14	0	-2	2600.59	2751.53	184.26 o
16	0	-2	32.73	25.17	92.51 o
18	0	-2	13.93	50.53	117.55 o
20	0	-2	121.65	54.27	119.65 o
22	0	-2	157.78	150.24	127.95 o
24	0	-2	448.74	540.73	110.63 o
26	0	-2	979.48	1122.14	176.01 o
28	0	-2	1002.84	1170.30	126.26 o
30	0	-2	66.72	36.84	165.10 o
1	1	-2	3877.80	4593.90	185.54 o
2	1	-2	5057.64	5994.90	254.59 o
3	1	-2	1990.19	1942.89	85.22 o
4	1	-2	2105.96	2156.65	87.59 o
5	1	-2	19329.17	18187.39	615.78 o
6	1	-2	13671.07	14686.86	788.02 o
7	1	-2	732.72	736.04	57.24 o
8	1	-2	9476.64	8744.71	398.25 o
9	1	-2	5088.65	5561.59	287.59 o
10	1	-2	324.62	356.16	65.81 o
11	1	-2	314.03	318.89	70.76 o
12	1	-2	33.53	29.98	71.74 o
13	1	-2	65.12	62.10	79.69 o
14	1	-2	4096.27	3917.07	393.74 o
15	1	-2	322.55	413.40	62.81 o
16	1	-2	2954.10	3230.08	134.43 o
17	1	-2	201.40	210.34	82.60 o
18	1	-2	469.86	467.14	64.76 o
19	1	-2	588.56	614.67	77.71 o
20	1	-2	1049.07	1061.00	111.90 o
21	1	-2	146.06	131.33	71.37 o
22	1	-2	8.67	-10.63	71.71 o
23	1	-2	207.73	227.61	83.26 o
24	1	-2	258.46	327.43	96.31 o
25	1	-2	10.00	39.24	78.24 o
26	1	-2	90.15	112.34	91.34 o
27	1	-2	227.60	284.09	106.31 o
28	1	-2	142.83	214.20	90.31 o
29	1	-2	8.62	-13.67	111.06 o
30	1	-2	81.88	111.12	104.56 o
31	1	-2	298.32	288.82	110.90 o
0	2	-2	5966.09	5694.75	545.74 o
1	2	-2	380.27	402.89	67.04 o
2	2	-2	1873.97	2128.40	113.72 o
3	2	-2	234.96	207.76	61.13 o
4	2	-2	1813.85	1742.53	61.41 o
5	2	-2	1473.76	1549.59	118.89 o
6	2	-2	548.59	605.60	61.24 o
7	2	-2	1440.72	1300.58	98.58 o
8	2	-2	744.50	938.21	71.43 o
9	2	-2	631.40	663.38	64.64 o
10	2	-2	2926.23	3205.37	92.79 o
11	2	-2	12290.93	10596.63	288.37 o
12	2	-2	1863.32	2296.65	121.65 o
13	2	-2	1862.45	1831.47	90.10 o
14	2	-2	658.36	653.62	66.79 o
15	2	-2	5668.66	5837.58	452.83 o
16	2	-2	23.92	119.35	72.78 o
17	2	-2	1381.09	1329.50	115.39 o

18	2	-2	249.29	217.81	69.80	o
19	2	-2	304.63	321.06	71.09	o
20	2	-2	14.40	21.45	79.30	o
21	2	-2	223.06	274.69	79.94	o
22	2	-2	1.98	13.94	91.62	o
23	2	-2	1373.12	1653.95	92.64	o
24	2	-2	59.03	30.90	79.06	o
25	2	-2	664.91	779.03	86.55	o
26	2	-2	13.52	41.03	104.86	o
27	2	-2	84.79	61.56	95.66	o
28	2	-2	186.56	186.07	92.84	o
29	2	-2	138.60	103.25	96.62	o
30	2	-2	32.05	81.17	98.77	o
31	2	-2	33.47	23.84	112.95	o
1	3	-2	1821.60	1815.92	112.43	o
2	3	-2	181.34	385.92	59.46	o
3	3	-2	6803.86	6351.07	452.60	o
4	3	-2	365.08	498.14	65.37	o
5	3	-2	1965.23	1977.96	117.42	o
6	3	-2	2388.67	2074.91	100.09	o
7	3	-2	3325.15	3162.84	205.88	o
8	3	-2	83.03	197.24	63.50	o
9	3	-2	4059.40	3617.93	197.97	o
10	3	-2	1134.98	976.84	68.25	o
11	3	-2	220.52	157.58	60.34	o
12	3	-2	846.76	834.85	67.16	o
13	3	-2	382.68	373.61	58.60	o
14	3	-2	1272.63	1264.84	70.50	o
15	3	-2	2070.76	2087.18	92.16	o
16	3	-2	471.54	578.54	71.13	o
17	3	-2	168.99	171.43	69.45	o
18	3	-2	253.18	214.06	72.12	o
19	3	-2	1796.42	2088.72	113.92	o
20	3	-2	1456.03	1392.78	79.18	o
21	3	-2	116.14	120.79	69.45	o
22	3	-2	301.08	318.57	77.83	o
23	3	-2	225.55	231.68	79.62	o
24	3	-2	190.91	192.74	89.20	o
25	3	-2	115.14	223.11	91.45	o
26	3	-2	25.23	70.84	97.50	o
27	3	-2	146.16	53.84	98.68	o
28	3	-2	153.42	118.94	91.34	o
29	3	-2	10.42	45.01	90.58	o
30	3	-2	3.36	-26.54	92.64	o
0	4	-2	10449.06	11332.97	705.76	o
1	4	-2	2691.78	2910.43	190.55	o
2	4	-2	4127.86	4041.56	248.92	o
3	4	-2	86.31	75.88	66.20	o
4	4	-2	63.95	216.85	66.49	o
5	4	-2	3944.49	4049.43	243.33	o
6	4	-2	2046.63	1953.05	95.26	o
7	4	-2	916.88	991.30	71.77	o
8	4	-2	5350.11	5304.13	273.95	o
9	4	-2	4.41	130.52	65.57	o
10	4	-2	550.05	491.96	64.78	o
11	4	-2	46.31	60.89	67.51	o
12	4	-2	1371.09	1326.76	75.12	o
13	4	-2	543.17	565.28	66.23	o
14	4	-2	698.37	650.44	79.31	o
15	4	-2	387.69	318.21	65.47	o
16	4	-2	460.69	387.19	67.43	o

17	4	-2	611.83	646.14	78.63	o
18	4	-2	157.49	138.61	76.65	o
19	4	-2	58.71	110.01	67.86	o
20	4	-2	194.90	190.61	73.00	o
21	4	-2	234.62	173.92	72.90	o
22	4	-2	379.95	355.10	78.07	o
23	4	-2	176.04	176.90	85.62	o
24	4	-2	538.07	506.63	111.92	o
25	4	-2	64.16	37.54	113.06	o
26	4	-2	59.65	37.90	93.63	o
27	4	-2	96.29	124.13	99.47	o
28	4	-2	94.12	81.74	113.87	o
29	4	-2	83.65	46.01	117.20	o
1	5	-2	27.05	158.06	94.14	o
2	5	-2	4305.35	4547.33	220.62	o
3	5	-2	1370.90	1377.18	89.40	o
4	5	-2	3824.46	3958.39	193.47	o
5	5	-2	1946.09	1792.06	94.91	o
6	5	-2	904.37	962.47	71.06	o
7	5	-2	98.58	146.84	68.94	o
8	5	-2	1756.15	1763.29	99.20	o
9	5	-2	296.24	232.93	56.95	o
10	5	-2	23.67	23.23	70.43	o
11	5	-2	93.90	43.83	63.30	o
12	5	-2	417.80	396.02	71.33	o
13	5	-2	721.13	804.13	82.83	o
14	5	-2	144.04	198.61	67.67	o
15	5	-2	197.72	187.98	73.41	o
16	5	-2	595.80	578.77	78.16	o
17	5	-2	131.65	100.30	69.21	o
18	5	-2	676.08	648.63	82.29	o
19	5	-2	75.65	34.00	80.52	o
20	5	-2	1669.39	1583.06	81.53	o
21	5	-2	174.72	268.13	87.13	o
22	5	-2	109.97	88.32	98.44	o
23	5	-2	106.97	148.89	91.13	o
24	5	-2	237.58	187.92	105.14	o
25	5	-2	2.98	35.36	100.38	o
26	5	-2	129.88	48.53	133.67	o
27	5	-2	1.69	24.10	137.40	o
0	6	-2	2344.08	2813.47	139.22	o
1	6	-2	579.76	557.61	91.57	o
2	6	-2	522.10	585.73	106.83	o
3	6	-2	1049.49	923.60	81.03	o
4	6	-2	763.63	681.44	81.38	o
5	6	-2	6.07	102.59	75.96	o
6	6	-2	537.14	422.18	73.30	o
7	6	-2	91.97	33.24	73.63	o
8	6	-2	389.02	350.51	63.02	o
9	6	-2	40.87	138.02	75.11	o
10	6	-2	464.84	450.31	80.38	o
11	6	-2	1340.48	1171.19	73.29	o
12	6	-2	432.97	441.41	79.54	o
13	6	-2	138.99	153.91	84.09	o
14	6	-2	155.46	133.02	82.64	o
15	6	-2	466.72	427.73	81.49	o
16	6	-2	1296.87	1393.30	122.66	o
17	6	-2	285.24	239.11	86.56	o
18	6	-2	918.71	829.66	84.95	o
19	6	-2	79.98	137.22	102.07	o
20	6	-2	31.96	78.17	103.52	o

21	6	-2	0.18	-78.67	93.81	o
22	6	-2	305.48	248.21	84.35	o
23	6	-2	178.65	119.00	100.90	o
24	6	-2	212.11	162.53	103.66	o
25	6	-2	42.65	24.20	98.30	o
26	6	-2	54.22	15.45	111.26	o
1	7	-2	218.31	177.25	79.50	o
2	7	-2	1431.12	1691.26	116.77	o
3	7	-2	997.13	1041.93	99.14	o
4	7	-2	604.96	617.75	96.85	o
5	7	-2	29.29	43.65	77.40	o
6	7	-2	475.18	418.88	78.82	o
7	7	-2	571.46	589.57	79.66	o
8	7	-2	411.45	447.07	90.58	o
9	7	-2	303.57	394.92	87.88	o
10	7	-2	79.51	98.03	84.03	o
11	7	-2	135.50	93.11	71.47	o
12	7	-2	156.47	189.18	78.71	o
13	7	-2	375.64	372.66	91.03	o
14	7	-2	22.17	92.33	103.63	o
15	7	-2	671.34	603.73	87.43	o
16	7	-2	136.12	86.47	94.17	o
17	7	-2	29.09	3.94	84.96	o
18	7	-2	57.33	47.30	106.71	o
19	7	-2	200.27	210.04	115.60	o
20	7	-2	64.84	58.64	99.09	o
21	7	-2	254.73	197.74	115.95	o
22	7	-2	77.27	74.48	107.36	o
23	7	-2	28.99	19.94	110.43	o
0	8	-2	306.18	467.02	140.37	o
1	8	-2	1332.43	1479.53	97.37	o
2	8	-2	39.58	72.61	80.53	o
3	8	-2	54.02	115.00	72.58	o
4	8	-2	557.92	533.87	88.74	o
5	8	-2	488.35	523.52	84.99	o
6	8	-2	65.70	116.17	82.63	o
7	8	-2	1111.98	1124.16	91.27	o
8	8	-2	3.64	60.12	83.40	o
9	8	-2	138.23	178.90	98.05	o
10	8	-2	59.36	67.22	98.68	o
11	8	-2	204.73	236.84	94.34	o
12	8	-2	420.05	332.71	100.09	o
13	8	-2	73.18	113.21	101.41	o
14	8	-2	31.91	-40.49	112.69	o
15	8	-2	62.27	41.14	104.07	o
16	8	-2	12.62	-26.32	100.09	o
17	8	-2	88.84	61.24	118.73	o
18	8	-2	66.82	100.05	88.29	o
19	8	-2	21.99	5.40	107.52	o
20	8	-2	16.32	54.67	128.90	o
1	9	-2	55.34	97.76	89.69	o
2	9	-2	536.50	511.71	80.40	o
3	9	-2	34.54	67.26	78.14	o
4	9	-2	248.31	155.61	84.52	o
5	9	-2	54.63	9.68	91.03	o
6	9	-2	107.10	80.21	101.45	o
7	9	-2	66.45	25.79	101.43	o
8	9	-2	322.85	309.95	108.05	o
9	9	-2	96.10	86.45	108.60	o
10	9	-2	154.38	74.23	105.29	o
11	9	-2	34.36	-18.00	94.29	o

12	9	-2	20.23	26.55	118.17	o
13	9	-2	351.17	224.83	130.32	o
14	9	-2	6.76	35.24	124.17	o
15	9	-2	54.70	76.27	151.62	o
16	9	-2	138.02	40.95	113.39	o
0	10	-2	12.37	10.26	105.96	o
1	10	-2	22.72	24.97	87.94	o
2	10	-2	50.36	24.49	80.40	o
3	10	-2	15.07	4.19	87.23	o
4	10	-2	164.08	150.16	93.72	o
5	10	-2	6.02	49.96	86.94	o
6	10	-2	50.69	40.70	87.40	o
7	10	-2	3.09	27.57	89.32	o
8	10	-2	45.77	-39.01	96.47	o
9	10	-2	18.00	20.28	108.24	o
2	0	-1	16419.16	16518.21	1480.36	o
4	0	-1	41713.71	39245.87	1959.47	o
6	0	-1	4180.46	4165.65	795.74	o
8	0	-1	2519.43	2467.54	138.81	o
10	0	-1	8311.87	8617.42	502.16	o
12	0	-1	24.84	59.62	92.19	o
14	0	-1	1970.99	2057.61	172.17	o
16	0	-1	24.04	49.97	95.25	o
18	0	-1	1285.68	1056.49	191.01	o
20	0	-1	2031.21	1969.20	231.71	o
22	0	-1	111.59	109.60	100.85	o
24	0	-1	116.23	139.08	131.95	o
26	0	-1	148.88	110.35	141.16	o
28	0	-1	158.40	160.97	125.36	o
30	0	-1	463.28	580.88	166.58	o
32	0	-1	136.21	187.08	143.69	o
0	1	-1	64497.16	68509.48	7785.04	o
1	1	-1	12881.69	14961.04	856.38	o
2	1	-1	682.42	522.76	80.22	o
3	1	-1	11448.17	10984.50	482.75	o
4	1	-1	4343.79	4287.78	212.98	o
5	1	-1	1655.76	1439.59	83.88	o
6	1	-1	2058.70	2201.93	98.06	o
7	1	-1	2875.47	2656.25	80.80	o
8	1	-1	206.82	264.33	71.51	o
9	1	-1	1769.75	1579.27	80.81	o
10	1	-1	3304.30	3391.22	111.69	o
11	1	-1	12.22	49.61	59.81	o
12	1	-1	1292.33	1148.46	105.73	o
13	1	-1	956.65	1077.27	69.36	o
14	1	-1	800.39	757.07	67.21	o
15	1	-1	137.01	183.06	60.78	o
16	1	-1	2319.43	2069.38	172.47	o
17	1	-1	383.98	368.74	68.37	o
18	1	-1	2550.57	2536.43	91.79	o
19	1	-1	39.63	85.56	63.75	o
20	1	-1	362.64	412.85	66.45	o
21	1	-1	10.90	15.41	78.16	o
22	1	-1	406.71	462.23	79.32	o
23	1	-1	695.46	751.35	93.77	o
24	1	-1	1584.71	1891.56	191.78	o
25	1	-1	10.55	30.98	87.59	o
26	1	-1	399.13	428.50	82.70	o
27	1	-1	348.37	363.37	96.00	o
28	1	-1	139.91	126.06	95.56	o
29	1	-1	58.50	95.43	114.92	o

30	1	-1	21.83	-5.02	95.61	o
31	1	-1	21.67	-58.80	107.69	o
1	2	-1	8305.08	9170.37	544.69	o
2	2	-1	520.42	687.91	67.26	o
3	2	-1	1260.84	1151.31	78.21	o
4	2	-1	1489.98	1644.82	77.77	o
5	2	-1	3332.41	2906.53	200.58	o
6	2	-1	936.00	1139.29	76.56	o
7	2	-1	14933.55	13843.42	695.15	o
8	2	-1	88.52	321.50	66.94	o
9	2	-1	6197.56	5699.51	220.55	o
10	2	-1	722.64	761.19	72.81	o
11	2	-1	106.41	84.89	64.35	o
12	2	-1	287.68	250.03	58.87	o
13	2	-1	2330.70	2359.46	75.38	o
14	2	-1	1078.76	1208.52	107.40	o
15	2	-1	4445.64	4282.96	296.27	o
16	2	-1	82.84	197.57	61.73	o
17	2	-1	126.04	126.53	62.57	o
18	2	-1	738.50	730.28	68.06	o
19	2	-1	4432.79	4361.96	302.56	o
20	2	-1	886.65	893.75	69.00	o
21	2	-1	813.87	911.43	77.46	o
22	2	-1	503.10	529.93	66.88	o
23	2	-1	14.20	50.05	64.59	o
24	2	-1	69.50	98.89	80.07	o
25	2	-1	56.27	71.44	80.59	o
26	2	-1	3.77	-7.23	91.22	o
27	2	-1	440.19	555.02	89.28	o
28	2	-1	15.63	49.22	101.31	o
29	2	-1	72.80	64.71	103.32	o
30	2	-1	21.80	36.51	116.42	o
31	2	-1	223.97	134.69	96.46	o
0	3	-1	2061.92	2812.20	197.71	o
1	3	-1	10324.21	9980.38	754.79	o
2	3	-1	3636.00	3835.08	156.23	o
3	3	-1	231.12	504.92	69.29	o
4	3	-1	1328.61	1486.01	113.94	o
5	3	-1	8103.77	7755.06	278.22	o
6	3	-1	594.76	874.26	67.16	o
7	3	-1	2762.21	2623.83	90.50	o
8	3	-1	2141.09	2374.24	86.59	o
9	3	-1	493.68	505.06	62.40	o
10	3	-1	1022.86	1012.59	65.99	o
11	3	-1	4062.07	3795.97	296.62	o
12	3	-1	5250.09	5014.08	241.13	o
13	3	-1	1371.09	1492.16	91.27	o
14	3	-1	371.65	395.37	67.68	o
15	3	-1	942.32	949.38	78.67	o
16	3	-1	1065.30	992.76	68.37	o
17	3	-1	409.00	454.88	71.50	o
18	3	-1	85.17	78.82	62.03	o
19	3	-1	191.53	97.91	67.54	o
20	3	-1	464.61	446.41	64.07	o
21	3	-1	100.88	158.15	76.43	o
22	3	-1	251.57	254.68	87.20	o
23	3	-1	523.36	469.83	75.79	o
24	3	-1	243.09	310.70	84.11	o
25	3	-1	41.76	57.77	78.82	o
26	3	-1	71.22	84.83	88.00	o
27	3	-1	253.25	260.71	101.29	o

28	3	-1	45.82	42.74	90.07	o
29	3	-1	125.88	186.90	116.80	o
30	3	-1	8.65	-30.75	99.19	o
1	4	-1	2757.96	2820.33	205.66	o
2	4	-1	3943.19	3973.39	126.22	o
3	4	-1	59.50	325.52	99.89	o
4	4	-1	2167.61	2087.83	116.95	o
5	4	-1	3460.30	3312.53	142.38	o
6	4	-1	1590.80	1801.18	109.06	o
7	4	-1	1119.24	1140.74	62.58	o
8	4	-1	3001.27	2842.04	76.91	o
9	4	-1	8033.20	7639.31	339.72	o
10	4	-1	886.97	748.92	70.60	o
11	4	-1	291.93	452.65	68.58	o
12	4	-1	1277.66	1286.15	73.66	o
13	4	-1	277.87	299.60	65.25	o
14	4	-1	207.97	134.99	76.00	o
15	4	-1	39.19	137.89	69.84	o
16	4	-1	1459.63	1421.18	71.99	o
17	4	-1	189.25	93.31	62.58	o
18	4	-1	304.24	268.33	69.53	o
19	4	-1	213.27	173.90	70.62	o
20	4	-1	380.64	343.93	73.13	o
21	4	-1	7.47	52.11	74.12	o
22	4	-1	134.26	131.24	76.48	o
23	4	-1	120.93	119.06	88.75	o
24	4	-1	231.23	261.07	101.39	o
25	4	-1	159.05	136.51	104.01	o
26	4	-1	243.10	291.41	82.33	o
27	4	-1	37.97	8.70	91.90	o
28	4	-1	13.87	13.51	86.64	o
29	4	-1	8.99	24.76	84.35	o
0	5	-1	8664.20	8777.88	938.99	o
1	5	-1	1707.68	1541.07	90.29	o
2	5	-1	449.07	469.25	81.44	o
3	5	-1	363.70	462.39	94.52	o
4	5	-1	5869.61	5833.46	236.24	o
5	5	-1	481.08	624.66	74.70	o
6	5	-1	740.83	783.01	76.84	o
7	5	-1	1613.47	1526.79	112.23	o
8	5	-1	49.82	196.39	71.53	o
9	5	-1	2279.20	2306.34	75.61	o
10	5	-1	829.69	851.42	76.32	o
11	5	-1	87.65	187.04	71.08	o
12	5	-1	4342.86	4429.15	257.29	o
13	5	-1	3.16	43.69	76.39	o
14	5	-1	71.66	148.99	70.61	o
15	5	-1	42.13	4.29	78.11	o
16	5	-1	353.46	321.63	74.90	o
17	5	-1	288.51	271.71	68.23	o
18	5	-1	247.84	337.23	82.92	o
19	5	-1	455.58	450.13	78.17	o
20	5	-1	22.36	51.13	85.73	o
21	5	-1	18.93	-23.19	89.41	o
22	5	-1	402.51	417.26	85.83	o
23	5	-1	29.84	22.91	94.50	o
24	5	-1	220.35	163.09	81.94	o
25	5	-1	41.85	54.54	98.34	o
26	5	-1	208.48	171.13	93.90	o
27	5	-1	82.65	64.05	90.29	o
28	5	-1	315.95	253.50	95.66	o

1	6	-1	724.96	624.23	83.91 o
2	6	-1	96.96	108.77	70.67 o
3	6	-1	276.37	272.10	74.66 o
4	6	-1	238.32	371.54	75.25 o
5	6	-1	539.09	683.47	89.54 o
6	6	-1	1221.08	1065.00	89.52 o
7	6	-1	2154.37	2121.74	104.26 o
8	6	-1	3843.66	3796.08	105.77 o
9	6	-1	554.32	642.51	75.12 o
10	6	-1	692.48	690.17	74.88 o
11	6	-1	171.76	196.23	71.50 o
12	6	-1	389.48	334.00	71.40 o
13	6	-1	236.43	192.56	90.29 o
14	6	-1	1286.63	1475.19	97.03 o
15	6	-1	450.46	327.97	84.57 o
16	6	-1	460.51	286.13	78.79 o
17	6	-1	4.56	-9.63	85.79 o
18	6	-1	130.11	77.95	88.17 o
19	6	-1	356.75	353.88	100.64 o
20	6	-1	267.82	336.10	101.96 o
21	6	-1	201.19	183.01	87.85 o
22	6	-1	158.38	78.02	109.77 o
23	6	-1	1.62	4.68	101.78 o
24	6	-1	75.62	117.82	94.45 o
25	6	-1	2.96	-39.80	96.51 o
26	6	-1	59.80	-17.56	122.04 o
0	7	-1	231.24	179.87	100.24 o
1	7	-1	187.73	198.38	78.57 o
2	7	-1	254.53	202.22	72.77 o
3	7	-1	53.88	75.99	88.02 o
4	7	-1	79.32	127.61	89.35 o
5	7	-1	598.01	660.27	97.27 o
6	7	-1	1360.49	1583.91	90.26 o
7	7	-1	303.05	304.85	90.82 o
8	7	-1	208.71	199.82	74.04 o
9	7	-1	215.73	155.38	71.64 o
10	7	-1	15.54	51.54	83.07 o
11	7	-1	1046.87	953.09	85.67 o
12	7	-1	95.17	78.41	76.19 o
13	7	-1	310.07	307.97	90.24 o
14	7	-1	360.61	339.08	88.75 o
15	7	-1	182.52	189.32	82.37 o
16	7	-1	181.75	154.37	102.70 o
17	7	-1	401.41	403.96	93.84 o
18	7	-1	43.14	-13.06	84.91 o
19	7	-1	140.29	90.78	108.08 o
20	7	-1	73.59	113.23	99.46 o
21	7	-1	20.93	-26.12	113.26 o
22	7	-1	14.50	21.37	118.14 o
23	7	-1	138.22	115.60	109.21 o
24	7	-1	47.17	22.74	102.52 o
1	8	-1	223.45	178.61	68.20 o
2	8	-1	284.89	248.38	73.01 o
3	8	-1	1790.99	1851.88	127.78 o
4	8	-1	797.95	815.98	81.73 o
5	8	-1	843.30	901.61	89.93 o
6	8	-1	108.30	144.25	102.20 o
7	8	-1	90.09	79.25	88.79 o
8	8	-1	128.74	157.98	90.58 o
9	8	-1	558.58	690.10	94.19 o
10	8	-1	50.03	93.68	82.67 o



11	8	-1	197.60	193.80	95.31 o
12	8	-1	17.46	77.72	91.61 o
13	8	-1	39.08	43.04	92.58 o
14	8	-1	1.23	37.22	98.63 o
15	8	-1	23.11	32.24	106.77 o
16	8	-1	68.52	33.94	108.68 o
17	8	-1	2.31	34.34	99.15 o
18	8	-1	89.31	78.29	107.27 o
19	8	-1	19.89	72.38	106.46 o
20	8	-1	88.11	53.43	108.40 o
21	8	-1	32.07	3.33	100.46 o
0	9	-1	1139.06	1248.96	108.58 o
1	9	-1	34.42	70.91	88.68 o
2	9	-1	361.35	291.51	88.00 o
3	9	-1	27.11	-3.36	82.47 o
4	9	-1	71.22	106.76	87.19 o
5	9	-1	85.16	144.98	86.22 o
6	9	-1	151.74	171.11	98.34 o
7	9	-1	4.21	-1.97	76.49 o
8	9	-1	210.08	134.01	77.25 o
9	9	-1	277.59	267.53	92.60 o
10	9	-1	41.67	51.82	86.69 o
11	9	-1	136.45	91.50	93.70 o
12	9	-1	146.13	107.54	102.81 o
13	9	-1	40.11	67.54	93.63 o
14	9	-1	78.30	79.04	99.35 o
15	9	-1	29.08	5.60	111.88 o
16	9	-1	109.55	60.95	123.81 o
1	10	-1	1.34	-3.55	94.85 o
2	10	-1	58.57	81.05	90.60 o
3	10	-1	3.96	28.91	88.98 o
4	10	-1	21.33	7.28	88.14 o
5	10	-1	62.29	72.83	81.60 o
6	10	-1	52.85	26.68	75.42 o
7	10	-1	21.90	42.03	80.85 o
8	10	-1	205.90	221.53	87.55 o
9	10	-1	19.82	2.32	92.91 o
10	10	-1	114.81	77.25	105.13 o
2	0	0	601.90	811.02	258.27 o
4	0	0	37700.14	33848.22	2682.50 o
6	0	0	14646.38	14361.64	280.02 o
8	0	0	14852.89	12874.72	1243.35 o
10	0	0	705.73	845.79	99.90 o
12	0	0	847.66	999.18	93.52 o
14	0	0	430.31	304.66	71.44 o
16	0	0	1948.34	1889.88	100.19 o
18	0	0	1399.41	1536.51	101.38 o
20	0	0	1.11	54.36	75.24 o
22	0	0	903.52	971.37	105.21 o
24	0	0	1850.61	1743.58	142.19 o
26	0	0	738.69	805.08	149.27 o
28	0	0	332.71	483.30	127.97 o
30	0	0	162.08	147.22	132.99 o
32	0	0	6.35	-26.12	143.62 o
1	1	0	101.39	144.86	126.82 o
2	1	0	7806.91	7885.02	199.72 o
3	1	0	5422.50	5674.37	209.67 o
4	1	0	18307.85	17006.51	738.37 o
5	1	0	3437.76	3084.92	86.84 o
6	1	0	65.65	152.75	72.81 o
7	1	0	683.13	560.30	68.51 o

8	1	0	477.98	662.95	69.78	o
9	1	0	4469.40	3897.64	176.05	o
10	1	0	161.48	156.49	57.69	o
11	1	0	1951.09	1703.72	125.83	o
12	1	0	777.30	691.55	54.93	o
13	1	0	230.54	201.32	59.91	o
14	1	0	5849.59	4996.28	295.91	o
15	1	0	59.30	99.82	50.41	o
16	1	0	11.63	51.33	69.46	o
17	1	0	0.05	23.83	60.76	o
18	1	0	2239.97	1983.28	182.14	o
19	1	0	1232.84	1172.80	73.17	o
20	1	0	4564.50	4493.37	389.59	o
21	1	0	21.17	57.04	74.41	o
22	1	0	738.90	758.94	66.66	o
23	1	0	340.53	353.95	75.87	o
24	1	0	26.33	34.26	75.36	o
25	1	0	0.88	35.33	73.18	o
26	1	0	15.70	-36.92	88.30	o
27	1	0	195.93	203.32	88.68	o
28	1	0	169.07	249.14	90.76	o
29	1	0	31.61	95.67	91.36	o
30	1	0	15.79	63.38	96.90	o
31	1	0	247.19	295.57	102.00	o
32	1	0	0.59	32.90	94.74	o
1	2	0	8118.33	8218.27	290.14	o
2	2	0	5220.16	5453.63	183.89	o
3	2	0	5183.30	5205.49	199.55	o
4	2	0	3680.08	3272.91	270.29	o
5	2	0	5977.35	5279.41	171.81	o
6	2	0	68.63	174.33	81.72	o
7	2	0	89.84	123.64	74.39	o
8	2	0	649.48	639.15	66.59	o
9	2	0	3294.41	3149.15	200.81	o
10	2	0	97.75	140.61	64.40	o
11	2	0	3190.98	3110.09	145.69	o
12	2	0	867.13	890.68	61.10	o
13	2	0	1481.45	1512.44	78.75	o
14	2	0	3209.97	3007.40	79.38	o
15	2	0	1045.33	962.22	69.40	o
16	2	0	358.92	320.34	68.57	o
17	2	0	3329.37	3076.65	223.17	o
18	2	0	1399.51	1414.04	83.56	o
19	2	0	974.31	902.27	75.31	o
20	2	0	126.27	199.50	66.63	o
21	2	0	50.96	87.11	63.53	o
22	2	0	137.82	155.34	84.59	o
23	2	0	1906.76	2061.82	127.68	o
24	2	0	407.68	455.80	70.38	o
25	2	0	44.03	45.67	78.58	o
26	2	0	493.60	560.51	79.34	o
27	2	0	122.97	101.93	80.99	o
28	2	0	2.24	3.59	79.12	o
29	2	0	3.05	7.29	97.52	o
30	2	0	39.97	33.26	76.69	o
31	2	0	18.59	16.65	90.67	o
1	3	0	788.95	710.18	122.98	o
2	3	0	392.07	482.14	120.86	o
3	3	0	3853.51	3272.29	520.74	o
4	3	0	668.34	991.21	100.12	o
5	3	0	12948.45	11650.50	829.98	o

6	3	0	39928.78	38957.53	1640.75 o
7	3	0	2271.41	2572.72	227.22 o
8	3	0	2068.64	2549.19	98.62 o
9	3	0	13484.71	12817.50	319.47 o
10	3	0	769.40	784.80	74.94 o
11	3	0	17.80	42.47	67.21 o
12	3	0	126.48	128.56	64.92 o
13	3	0	3.33	3.08	79.69 o
14	3	0	1551.15	1390.62	92.76 o
15	3	0	1114.54	1120.99	77.47 o
16	3	0	3831.26	3488.31	239.19 o
17	3	0	3.52	42.91	71.74 o
18	3	0	19.41	17.26	66.56 o
19	3	0	1866.38	1901.37	150.08 o
20	3	0	318.50	357.98	75.60 o
21	3	0	26.43	57.95	70.49 o
22	3	0	194.75	146.18	79.16 o
23	3	0	69.89	187.27	81.05 o
24	3	0	8.77	17.93	81.97 o
25	3	0	14.14	-23.66	87.37 o
26	3	0	55.90	40.04	85.48 o
27	3	0	88.62	59.96	79.44 o
28	3	0	36.96	106.41	110.93 o
29	3	0	0.39	-82.52	95.08 o
30	3	0	80.22	36.48	79.48 o
0	4	0	7718.66	7355.38	217.56 o
1	4	0	6076.11	5430.32	1065.99 o
2	4	0	84.60	212.61	92.78 o
3	4	0	286.73	377.31	118.49 o
4	4	0	7684.84	7217.00	487.97 o
5	4	0	424.64	503.01	83.77 o
6	4	0	296.65	287.44	83.53 o
7	4	0	47.25	118.38	80.99 o
8	4	0	20.69	38.91	71.06 o
9	4	0	1102.90	1136.66	72.51 o
10	4	0	52.39	39.84	72.95 o
11	4	0	311.33	358.14	70.21 o
12	4	0	8460.74	7678.82	715.94 o
13	4	0	128.37	175.95	74.23 o
14	4	0	1212.42	1231.35	72.20 o
15	4	0	34.67	9.50	67.14 o
16	4	0	12.80	30.25	83.71 o
17	4	0	2.03	26.65	84.73 o
18	4	0	68.62	9.90	76.89 o
19	4	0	103.78	165.47	79.10 o
20	4	0	16.53	-24.73	74.21 o
21	4	0	65.25	42.12	93.42 o
22	4	0	113.89	102.98	86.65 o
23	4	0	63.31	52.89	80.92 o
24	4	0	43.96	-17.82	101.12 o
25	4	0	2.00	26.56	92.70 o
26	4	0	765.04	717.53	99.07 o
27	4	0	96.70	114.85	99.76 o
28	4	0	699.63	877.20	84.15 o
29	4	0	142.21	91.50	85.30 o
1	5	0	78.98	154.11	91.09 o
2	5	0	210.49	186.21	79.56 o
3	5	0	3582.77	3433.68	149.48 o
4	5	0	42.90	278.15	93.17 o
5	5	0	495.98	430.13	81.16 o
6	5	0	6.45	83.28	79.14 o

7	5	0	1423.82	1378.33	90.00 o
8	5	0	11095.70	10760.80	405.06 o
9	5	0	369.80	748.27	89.90 o
10	5	0	2998.84	2879.66	127.86 o
11	5	0	343.37	269.89	83.56 o
12	5	0	105.37	115.35	75.03 o
13	5	0	1705.02	1536.44	67.00 o
14	5	0	686.64	645.76	79.43 o
15	5	0	10.79	52.95	77.67 o
16	5	0	432.21	431.31	73.48 o
17	5	0	0.87	8.89	70.92 o
18	5	0	39.98	35.28	81.42 o
19	5	0	31.53	55.69	93.61 o
20	5	0	6.53	66.37	85.23 o
21	5	0	124.75	170.23	98.99 o
22	5	0	5.96	100.51	99.50 o
23	5	0	258.02	193.05	93.27 o
24	5	0	166.65	263.29	107.68 o
25	5	0	0.11	60.35	91.70 o
26	5	0	334.94	443.70	104.73 o
27	5	0	12.28	13.08	90.72 o
28	5	0	10.94	15.28	87.09 o
0	6	0	1455.21	1520.59	129.82 o
1	6	0	1.17	31.73	62.28 o
2	6	0	2.96	33.50	74.54 o
3	6	0	782.82	746.49	65.12 o
4	6	0	1638.78	1626.34	73.14 o
5	6	0	4.93	156.72	69.66 o
6	6	0	2301.99	2298.10	87.47 o
7	6	0	14.00	63.06	86.38 o
8	6	0	706.14	610.49	87.14 o
9	6	0	28.82	38.63	66.71 o
10	6	0	2048.27	1907.59	76.73 o
11	6	0	1585.25	1477.39	77.49 o
12	6	0	2552.99	2768.24	95.09 o
13	6	0	167.69	162.81	81.71 o
14	6	0	238.19	317.63	85.70 o
15	6	0	222.02	300.10	92.80 o
16	6	0	75.83	150.32	83.77 o
17	6	0	451.99	497.50	94.16 o
18	6	0	241.83	370.70	97.70 o
19	6	0	115.20	166.92	89.56 o
20	6	0	81.66	86.52	103.49 o
21	6	0	69.94	31.30	95.40 o
22	6	0	97.41	217.95	109.77 o
23	6	0	146.51	148.83	85.15 o
24	6	0	28.36	78.62	93.98 o
25	6	0	55.28	14.96	89.59 o
26	6	0	21.60	55.74	99.47 o
1	7	0	1400.97	1431.54	70.54 o
2	7	0	43.54	103.29	70.86 o
3	7	0	74.43	49.16	80.50 o
4	7	0	3.88	60.53	73.10 o
5	7	0	1075.50	1122.99	79.55 o
6	7	0	16.94	47.05	73.75 o
7	7	0	2215.16	2154.05	82.52 o
8	7	0	661.59	695.42	81.28 o
9	7	0	728.18	659.24	72.52 o
10	7	0	1281.46	1290.13	90.98 o
11	7	0	21.94	90.14	80.60 o
12	7	0	131.58	131.16	69.27 o

13	7	0	254.52	316.56	67.98 o
14	7	0	23.00	43.73	65.17 o
15	7	0	597.07	606.73	74.39 o
16	7	0	6.57	-19.34	81.84 o
17	7	0	8.85	62.59	71.42 o
18	7	0	111.23	127.11	93.46 o
19	7	0	256.43	299.16	87.45 o
20	7	0	133.08	44.42	82.90 o
21	7	0	233.63	225.36	87.54 o
22	7	0	45.93	-13.01	96.92 o
23	7	0	0.11	30.49	80.66 o
24	7	0	143.81	88.08	102.02 o
0	8	0	1114.31	1245.96	101.90 o
1	8	0	1200.04	1279.54	91.34 o
2	8	0	576.49	607.62	68.53 o
3	8	0	489.16	403.27	77.38 o
4	8	0	0.09	4.27	70.99 o
5	8	0	530.69	505.12	74.86 o
6	8	0	13.15	44.77	79.71 o
7	8	0	1273.03	1183.08	84.82 o
8	8	0	93.18	63.91	89.54 o
9	8	0	4.74	-1.18	81.06 o
10	8	0	83.54	42.76	85.71 o
11	8	0	159.27	144.93	95.20 o
12	8	0	15.22	11.27	76.71 o
13	8	0	123.96	122.20	82.94 o
14	8	0	190.47	180.46	84.54 o
15	8	0	4.75	64.39	75.65 o
16	8	0	143.73	128.59	97.26 o
17	8	0	73.54	32.23	78.45 o
18	8	0	0.94	31.72	101.71 o
19	8	0	20.70	7.17	87.83 o
20	8	0	13.38	51.27	96.49 o
21	8	0	40.22	-0.84	86.72 o
1	9	0	56.12	77.08	84.73 o
2	9	0	353.33	250.75	86.91 o
3	9	0	59.53	118.53	87.03 o
4	9	0	580.12	588.80	88.60 o
5	9	0	104.68	124.77	79.54 o
6	9	0	301.10	295.16	79.93 o
7	9	0	135.42	73.12	99.66 o
8	9	0	40.14	70.89	88.78 o
9	9	0	123.87	73.70	96.73 o
10	9	0	24.52	27.26	90.20 o
11	9	0	1.02	8.02	85.42 o
12	9	0	25.57	60.42	84.10 o
13	9	0	574.35	532.31	102.67 o
14	9	0	1.38	-9.08	93.70 o
15	9	0	76.62	79.74	101.17 o
16	9	0	4.75	-25.64	110.09 o
17	9	0	12.59	-20.26	102.32 o
0	10	0	75.75	94.87	132.71 o
1	10	0	7.08	21.65	81.91 o
2	10	0	29.96	24.22	89.29 o
3	10	0	3.41	38.55	95.64 o
4	10	0	27.52	33.45	88.26 o
5	10	0	30.80	113.02	88.53 o
6	10	0	37.65	26.77	84.30 o
7	10	0	31.83	78.29	98.22 o
8	10	0	32.15	65.41	98.54 o
9	10	0	41.65	33.35	96.65 o

10	10	0	80.45	46.77	101.83	o
2	0	1	16100.99	17189.93	743.52	o
4	0	1	40794.41	41405.92	5065.51	o
6	0	1	4071.18	3946.05	241.12	o
8	0	1	2139.37	1752.60	163.92	o
10	0	1	8056.79	7467.44	542.91	o
12	0	1	17.37	100.52	77.85	o
14	0	1	1967.76	1897.11	87.92	o
16	0	1	49.51	48.05	65.25	o
18	0	1	1347.61	1207.47	89.44	o
20	0	1	2081.61	2048.41	95.82	o
22	0	1	130.38	151.83	79.66	o
24	0	1	111.09	115.38	77.44	o
26	0	1	135.32	237.87	90.32	o
28	0	1	171.18	103.58	96.23	o
30	0	1	444.42	649.23	136.75	o
32	0	1	136.48	129.42	146.25	o
0	1	1	63578.10	65973.70	3986.90	o
1	1	1	12840.61	13775.22	919.25	o
2	1	1	667.59	558.44	79.22	o
3	1	1	11458.34	11139.03	504.73	o
4	1	1	4349.24	4175.45	283.63	o
5	1	1	1659.28	1657.72	80.12	o
6	1	1	2154.73	2098.56	135.22	o
7	1	1	2899.00	2779.19	126.23	o
8	1	1	242.97	294.74	62.26	o
9	1	1	1782.72	1542.38	73.85	o
10	1	1	3322.38	2967.67	159.16	o
11	1	1	37.96	83.36	53.56	o
12	1	1	1099.53	962.25	49.94	o
13	1	1	929.72	910.32	48.99	o
14	1	1	786.02	797.72	56.87	o
15	1	1	118.05	189.20	51.33	o
16	1	1	2354.19	2191.29	61.13	o
17	1	1	356.76	360.25	53.05	o
18	1	1	2571.39	2388.65	84.63	o
19	1	1	40.73	29.65	50.94	o
20	1	1	358.07	409.08	59.28	o
21	1	1	17.51	31.80	61.74	o
22	1	1	401.37	430.61	54.35	o
23	1	1	649.39	582.89	60.31	o
24	1	1	1598.11	1722.83	68.60	o
25	1	1	12.45	47.23	65.36	o
26	1	1	391.72	415.07	69.46	o
27	1	1	336.14	304.75	81.38	o
28	1	1	138.51	126.19	83.77	o
29	1	1	73.69	124.49	85.97	o
30	1	1	18.67	-17.03	83.28	o
31	1	1	21.64	29.80	77.47	o
1	2	1	8398.75	9010.58	485.03	o
2	2	1	593.31	717.89	76.79	o
3	2	1	1195.09	1110.60	73.23	o
4	2	1	1592.03	1744.16	77.16	o
5	2	1	3228.79	2818.61	148.42	o
6	2	1	913.56	1041.24	74.82	o
7	2	1	14801.52	14996.50	584.15	o
8	2	1	69.49	327.28	81.93	o
9	2	1	5786.99	5608.66	210.68	o
10	2	1	671.11	690.38	66.31	o
11	2	1	108.67	119.88	52.18	o
12	2	1	312.08	261.49	50.21	o

13	2	1	2375.05	2269.47	84.39	o
14	2	1	1067.17	1051.88	55.14	o
15	2	1	4716.22	4200.55	198.74	o
16	2	1	93.64	180.81	58.90	o
17	2	1	128.58	122.84	58.62	o
18	2	1	739.18	677.41	65.98	o
19	2	1	4390.99	4481.39	139.55	o
20	2	1	910.42	831.23	64.28	o
21	2	1	771.95	870.17	61.73	o
22	2	1	483.77	498.67	64.69	o
23	2	1	13.88	35.67	64.52	o
24	2	1	64.65	70.36	71.18	o
25	2	1	64.24	56.10	73.79	o
26	2	1	6.49	36.45	70.55	o
27	2	1	455.00	532.25	81.25	o
28	2	1	15.86	36.96	82.73	o
29	2	1	72.46	55.46	85.88	o
30	2	1	19.61	18.78	78.42	o
31	2	1	224.84	120.67	93.24	o
0	3	1	1946.97	1994.87	102.41	o
1	3	1	9973.84	10070.76	845.03	o
2	3	1	3623.24	4242.36	347.57	o
3	3	1	245.45	695.44	99.14	o
4	3	1	1381.41	1547.28	88.76	o
5	3	1	8028.65	6882.76	301.49	o
6	3	1	590.53	739.30	74.98	o
7	3	1	2935.39	2962.21	97.14	o
8	3	1	2102.21	2165.30	89.56	o
9	3	1	520.77	546.70	82.66	o
10	3	1	954.15	857.68	86.86	o
11	3	1	4175.76	3962.84	114.42	o
12	3	1	5277.48	4947.64	141.48	o
13	3	1	1340.10	1435.08	71.91	o
14	3	1	358.79	383.90	75.02	o
15	3	1	944.07	855.57	66.56	o
16	3	1	1072.75	1227.49	79.71	o
17	3	1	456.79	426.38	80.49	o
18	3	1	65.06	37.57	65.53	o
19	3	1	171.74	152.77	68.58	o
20	3	1	462.06	456.96	64.09	o
21	3	1	95.92	144.41	69.17	o
22	3	1	227.98	266.27	76.99	o
23	3	1	507.66	500.58	73.51	o
24	3	1	245.01	274.77	74.80	o
25	3	1	52.32	41.20	91.14	o
26	3	1	66.75	6.95	93.31	o
27	3	1	252.68	269.69	77.21	o
28	3	1	52.06	11.06	84.83	o
29	3	1	138.13	189.40	94.97	o
30	3	1	9.22	22.84	98.68	o
1	4	1	2725.21	2473.89	194.55	o
2	4	1	3985.55	3626.59	374.61	o
3	4	1	120.36	244.14	70.92	o
4	4	1	2253.83	2280.54	101.30	o
5	4	1	3471.54	3510.35	281.80	o
6	4	1	1594.44	1772.24	119.62	o
7	4	1	1197.78	1237.38	85.96	o
8	4	1	2907.91	2545.76	120.93	o
9	4	1	8079.81	7005.23	397.85	o
10	4	1	1020.31	897.89	84.35	o
11	4	1	274.05	446.43	87.11	o

12	4	1	1244.90	1135.55	86.49	o
13	4	1	266.49	305.08	64.58	o
14	4	1	289.27	168.95	63.23	o
15	4	1	26.78	67.89	60.39	o
16	4	1	1432.14	1420.55	88.59	o
17	4	1	191.73	120.79	59.08	o
18	4	1	273.72	220.16	66.11	o
19	4	1	230.82	208.91	63.28	o
20	4	1	314.21	292.50	75.32	o
21	4	1	12.84	30.38	71.01	o
22	4	1	124.47	104.28	72.40	o
23	4	1	128.79	187.69	89.41	o
24	4	1	247.72	265.07	77.95	o
25	4	1	160.88	227.02	85.42	o
26	4	1	239.15	268.17	89.23	o
27	4	1	34.40	-0.64	101.03	o
28	4	1	11.97	-3.27	91.33	o
29	4	1	9.12	9.95	90.41	o
0	5	1	8438.58	8771.10	1770.75	o
1	5	1	1729.41	1783.53	86.05	o
2	5	1	399.62	386.52	80.29	o
3	5	1	369.75	363.11	81.16	o
4	5	1	5816.30	5639.13	285.74	o
5	5	1	484.17	619.95	95.67	o
6	5	1	929.48	1002.04	96.93	o
7	5	1	1600.78	1579.85	102.25	o
8	5	1	57.36	221.76	77.58	o
9	5	1	2301.09	2180.90	105.93	o
10	5	1	984.20	978.56	87.49	o
11	5	1	91.97	192.37	86.27	o
12	5	1	4364.24	4135.91	94.05	o
13	5	1	3.01	92.14	78.90	o
14	5	1	69.13	104.24	79.22	o
15	5	1	41.08	-2.55	68.26	o
16	5	1	320.18	337.50	68.99	o
17	5	1	284.56	330.73	70.95	o
18	5	1	218.94	256.48	74.14	o
19	5	1	457.99	409.34	72.75	o
20	5	1	22.71	24.08	78.08	o
21	5	1	18.28	7.44	80.51	o
22	5	1	406.36	395.96	77.36	o
23	5	1	29.65	29.57	85.87	o
24	5	1	208.09	175.89	96.61	o
25	5	1	41.38	65.64	82.86	o
26	5	1	208.05	204.17	102.90	o
27	5	1	81.50	69.73	90.44	o
28	5	1	311.75	273.24	94.45	o
1	6	1	746.68	791.90	86.09	o
2	6	1	97.64	121.05	74.97	o
3	6	1	346.91	262.79	75.47	o
4	6	1	194.25	294.80	96.39	o
5	6	1	545.99	644.74	96.80	o
6	6	1	1233.12	1284.89	100.69	o
7	6	1	2111.26	2138.50	107.02	o
8	6	1	3861.55	3385.66	255.45	o
9	6	1	523.56	612.56	102.45	o
10	6	1	658.53	500.73	67.71	o
11	6	1	171.29	219.76	78.40	o
12	6	1	404.01	370.38	82.10	o
13	6	1	261.18	225.80	64.94	o
14	6	1	1298.71	1361.11	78.46	o



15	6	1	447.40	426.73	69.24 o
16	6	1	508.55	397.10	70.79 o
17	6	1	3.81	-2.03	71.14 o
18	6	1	119.02	116.07	79.76 o
19	6	1	345.03	280.49	77.47 o
20	6	1	254.27	309.82	85.27 o
21	6	1	202.33	253.32	87.68 o
22	6	1	150.04	225.86	90.48 o
23	6	1	1.81	3.39	101.21 o
24	6	1	83.24	43.67	81.91 o
25	6	1	5.02	77.02	97.38 o
26	6	1	66.17	50.75	92.60 o
0	7	1	192.93	99.80	123.35 o
1	7	1	216.21	245.27	65.82 o
2	7	1	262.87	276.01	88.26 o
3	7	1	47.99	93.33	87.57 o
4	7	1	92.41	83.65	91.49 o
5	7	1	650.93	671.77	95.41 o
6	7	1	1369.10	1356.93	87.12 o
7	7	1	333.36	375.30	79.65 o
8	7	1	200.30	264.07	79.37 o
9	7	1	201.99	159.25	74.63 o
10	7	1	15.66	19.46	82.61 o
11	7	1	1043.14	909.47	74.01 o
12	7	1	110.05	127.08	85.49 o
13	7	1	301.60	295.36	98.77 o
14	7	1	363.83	301.74	90.54 o
15	7	1	206.29	262.99	74.03 o
16	7	1	172.69	153.01	76.70 o
17	7	1	385.63	363.79	76.08 o
18	7	1	37.49	52.09	79.26 o
19	7	1	137.70	155.12	88.25 o
20	7	1	72.02	51.88	84.87 o
21	7	1	16.35	56.62	86.66 o
22	7	1	12.14	12.59	90.06 o
23	7	1	150.41	218.36	107.56 o
24	7	1	43.91	81.95	103.07 o
1	8	1	243.97	250.61	72.39 o
2	8	1	292.56	304.29	78.66 o
3	8	1	1821.16	2040.36	97.12 o
4	8	1	794.81	780.76	74.49 o
5	8	1	842.15	967.67	81.17 o
6	8	1	109.93	120.27	85.06 o
7	8	1	85.24	132.20	98.84 o
8	8	1	119.93	163.83	75.18 o
9	8	1	534.37	653.84	103.24 o
10	8	1	44.60	42.59	87.46 o
11	8	1	191.25	196.99	93.28 o
12	8	1	19.75	85.29	77.89 o
13	8	1	27.29	42.04	80.59 o
14	8	1	2.74	-5.01	96.38 o
15	8	1	15.65	70.69	87.93 o
16	8	1	65.10	92.73	97.54 o
17	8	1	2.33	18.96	102.43 o
18	8	1	92.07	43.82	93.44 o
19	8	1	20.43	31.61	104.19 o
20	8	1	88.18	86.70	90.37 o
21	8	1	43.72	77.51	101.08 o
0	9	1	1165.56	1192.09	100.73 o
1	9	1	30.71	74.06	67.16 o
2	9	1	385.58	302.69	86.13 o

3	9	1	26.70	108.38	84.98	o
4	9	1	62.11	69.01	69.48	o
5	9	1	86.18	198.46	80.06	o
6	9	1	169.02	134.74	75.67	o
7	9	1	3.13	21.06	82.46	o
8	9	1	215.31	141.27	84.20	o
9	9	1	271.98	210.83	97.12	o
10	9	1	29.62	16.02	101.96	o
11	9	1	130.75	139.87	93.80	o
12	9	1	128.70	64.20	100.31	o
13	9	1	36.22	39.35	111.45	o
14	9	1	75.34	64.38	94.57	o
15	9	1	31.81	-51.96	90.61	o
16	9	1	106.93	65.68	100.46	o
1	10	1	1.52	111.88	83.01	o
2	10	1	78.41	85.28	82.06	o
3	10	1	3.86	-44.95	81.56	o
4	10	1	36.88	27.63	88.84	o
5	10	1	62.27	38.38	83.79	o
6	10	1	48.02	55.90	84.63	o
7	10	1	22.78	31.50	91.29	o
8	10	1	182.24	139.93	86.12	o
9	10	1	19.34	-0.45	92.74	o
10	10	1	99.43	41.19	101.84	o
0	0	2	21662.67	23555.54	282.78	o
2	0	2	1465.94	1808.59	225.90	o
4	0	2	7470.09	7721.91	140.06	o
6	0	2	10929.09	10556.24	527.05	o
8	0	2	7892.14	6255.54	728.69	o
10	0	2	4973.80	4382.04	243.02	o
12	0	2	2289.46	2128.89	81.56	o
14	0	2	2520.20	2453.55	170.85	o
16	0	2	14.66	-2.58	70.38	o
18	0	2	33.98	74.31	67.27	o
20	0	2	123.36	103.13	69.91	o
22	0	2	182.28	188.66	64.30	o
24	0	2	430.88	432.01	97.82	o
26	0	2	937.13	1018.43	85.93	o
28	0	2	1012.81	1178.76	115.57	o
30	0	2	76.23	101.71	109.29	o
1	1	2	4042.52	4636.30	259.16	o
2	1	2	5410.91	5867.07	202.63	o
3	1	2	2341.15	2306.34	129.38	o
4	1	2	2057.93	2203.68	91.12	o
5	1	2	19437.70	17934.43	678.14	o
6	1	2	13591.26	14883.12	1062.12	o
7	1	2	627.14	651.27	56.83	o
8	1	2	9402.84	8775.07	456.56	o
9	1	2	5038.01	4991.44	246.34	o
10	1	2	352.99	347.10	54.87	o
11	1	2	335.79	223.35	52.47	o
12	1	2	46.52	28.99	47.23	o
13	1	2	87.71	127.56	55.93	o
14	1	2	4147.33	4017.63	191.52	o
15	1	2	384.99	458.16	52.20	o
16	1	2	2984.26	2736.44	89.64	o
17	1	2	199.17	173.76	43.47	o
18	1	2	518.30	509.35	46.05	o
19	1	2	537.62	542.18	51.63	o
20	1	2	1032.26	983.21	53.06	o
21	1	2	123.00	118.15	51.58	o

22	1	2	15.22	38.46	55.21	o
23	1	2	215.35	226.65	57.39	o
24	1	2	243.43	277.33	61.58	o
25	1	2	21.12	-5.63	68.80	o
26	1	2	100.16	142.16	71.02	o
27	1	2	219.55	251.45	68.28	o
28	1	2	144.90	136.09	71.96	o
29	1	2	6.28	25.61	76.83	o
30	1	2	78.70	30.40	79.63	o
31	1	2	310.19	302.43	91.46	o
0	2	2	6134.56	6154.70	555.34	o
1	2	2	299.21	382.04	61.74	o
2	2	2	1919.84	1952.04	132.19	o
3	2	2	277.88	280.54	68.61	o
4	2	2	1817.99	1759.71	116.47	o
5	2	2	1356.31	1567.23	94.53	o
6	2	2	574.30	582.93	55.72	o
7	2	2	1539.83	1441.87	90.26	o
8	2	2	751.69	834.78	54.91	o
9	2	2	673.51	780.16	64.69	o
10	2	2	2897.95	2861.38	113.49	o
11	2	2	12459.84	11641.29	369.00	o
12	2	2	1786.01	1871.72	60.55	o
13	2	2	1813.85	1687.03	104.14	o
14	2	2	693.23	708.24	56.26	o
15	2	2	5650.95	5095.66	166.50	o
16	2	2	35.00	134.75	52.70	o
17	2	2	1505.34	1435.82	54.59	o
18	2	2	240.97	220.68	54.02	o
19	2	2	264.03	301.95	55.52	o
20	2	2	14.48	92.49	55.16	o
21	2	2	240.55	232.51	48.60	o
22	2	2	3.32	-3.68	54.72	o
23	2	2	1268.13	1411.64	67.15	o
24	2	2	64.60	36.42	59.09	o
25	2	2	695.88	728.52	68.98	o
26	2	2	13.39	8.98	69.91	o
27	2	2	82.81	56.57	89.09	o
28	2	2	187.90	176.73	74.83	o
29	2	2	166.47	166.78	89.35	o
30	2	2	28.89	33.47	82.86	o
31	2	2	30.55	6.67	93.97	o
1	3	2	1774.30	1766.01	64.19	o
2	3	2	162.59	387.29	66.81	o
3	3	2	6866.14	6830.05	235.34	o
4	3	2	352.33	524.67	72.41	o
5	3	2	1891.79	1915.74	110.91	o
6	3	2	2434.60	2217.17	113.10	o
7	3	2	3279.53	3109.63	159.45	o
8	3	2	98.47	218.26	64.25	o
9	3	2	3808.28	3508.09	157.06	o
10	3	2	1166.34	1114.45	74.33	o
11	3	2	249.59	224.30	65.50	o
12	3	2	817.87	869.05	76.41	o
13	3	2	441.85	449.57	68.78	o
14	3	2	1375.30	1494.01	77.37	o
15	3	2	2127.83	2230.60	69.78	o
16	3	2	436.45	461.37	70.23	o
17	3	2	174.54	152.97	70.16	o
18	3	2	267.03	270.30	62.72	o
19	3	2	1764.71	1769.40	125.85	o

20	3	2	1399.88	1354.56	65.20 o
21	3	2	105.98	120.05	61.14 o
22	3	2	313.92	321.04	72.25 o
23	3	2	228.43	264.59	66.79 o
24	3	2	198.65	231.36	83.79 o
25	3	2	128.43	98.53	66.31 o
26	3	2	29.98	108.97	80.41 o
27	3	2	152.84	175.27	90.61 o
28	3	2	154.86	183.95	81.04 o
29	3	2	13.02	9.65	97.61 o
30	3	2	4.23	53.45	93.78 o
0	4	2	10254.04	9602.13	262.08 o
1	4	2	2634.67	2932.88	216.59 o
2	4	2	4015.29	4019.65	198.01 o
3	4	2	85.01	125.91	67.36 o
4	4	2	67.44	123.98	68.72 o
5	4	2	3969.81	3845.51	263.30 o
6	4	2	2227.31	1909.26	146.20 o
7	4	2	1036.42	956.56	69.26 o
8	4	2	5462.36	5665.18	114.47 o
9	4	2	4.75	154.69	67.58 o
10	4	2	623.16	667.77	85.12 o
11	4	2	22.08	65.28	72.12 o
12	4	2	1375.75	1284.33	87.33 o
13	4	2	506.27	523.40	75.33 o
14	4	2	725.63	584.18	86.58 o
15	4	2	362.01	353.91	86.97 o
16	4	2	463.34	381.03	66.75 o
17	4	2	551.55	611.02	67.48 o
18	4	2	113.80	37.97	71.07 o
19	4	2	69.08	132.39	75.23 o
20	4	2	201.12	207.45	66.97 o
21	4	2	238.13	211.13	69.13 o
22	4	2	343.34	323.13	76.90 o
23	4	2	196.14	151.33	73.70 o
24	4	2	538.47	548.83	80.86 o
25	4	2	57.38	106.38	79.74 o
26	4	2	58.46	64.88	83.46 o
27	4	2	96.50	123.80	80.62 o
28	4	2	97.13	94.78	96.81 o
29	4	2	79.31	150.19	101.15 o
1	5	2	29.43	143.53	68.71 o
2	5	2	4270.85	4586.63	230.09 o
3	5	2	1371.46	1532.54	86.98 o
4	5	2	3791.19	3833.71	165.67 o
5	5	2	1929.54	1826.36	81.85 o
6	5	2	928.28	844.96	86.23 o
7	5	2	100.48	140.49	81.87 o
8	5	2	1666.83	1506.42	105.82 o
9	5	2	296.25	243.65	76.01 o
10	5	2	41.99	33.71	88.65 o
11	5	2	96.07	71.83	88.48 o
12	5	2	414.46	392.03	80.80 o
13	5	2	693.19	732.27	83.01 o
14	5	2	181.93	242.71	92.54 o
15	5	2	193.69	183.42	83.42 o
16	5	2	610.26	652.60	83.04 o
17	5	2	131.45	117.18	70.98 o
18	5	2	626.49	608.25	75.59 o
19	5	2	75.48	158.38	75.26 o
20	5	2	1688.23	1816.47	89.43 o

21	5	2	172.98	161.71	68.94	o
22	5	2	103.26	117.19	71.12	o
23	5	2	103.79	91.51	84.46	o
24	5	2	259.01	258.68	89.79	o
25	5	2	3.26	10.08	79.24	o
26	5	2	126.14	109.25	87.71	o
27	5	2	1.63	27.03	90.67	o
0	6	2	2205.50	2544.40	455.79	o
1	6	2	574.41	530.43	71.58	o
2	6	2	510.24	506.04	70.37	o
3	6	2	1038.14	1041.12	79.10	o
4	6	2	761.44	652.44	71.56	o
5	6	2	2.61	24.49	74.70	o
6	6	2	527.69	577.26	98.09	o
7	6	2	100.56	78.67	76.40	o
8	6	2	368.46	302.44	86.92	o
9	6	2	46.95	133.94	86.47	o
10	6	2	484.99	526.10	103.00	o
11	6	2	1319.41	1222.66	101.61	o
12	6	2	459.25	491.61	80.89	o
13	6	2	125.57	171.34	81.68	o
14	6	2	161.86	169.31	75.45	o
15	6	2	473.99	484.49	72.82	o
16	6	2	1286.70	1412.28	91.57	o
17	6	2	292.74	361.85	73.47	o
18	6	2	924.76	978.67	70.37	o
19	6	2	86.82	94.72	86.66	o
20	6	2	33.08	80.28	92.77	o
21	6	2	0.83	23.50	74.11	o
22	6	2	305.87	307.19	81.36	o
23	6	2	182.14	157.82	102.44	o
24	6	2	214.99	225.11	88.64	o
25	6	2	41.48	80.14	97.77	o
26	6	2	55.71	37.87	111.58	o
1	7	2	251.61	236.40	80.34	o
2	7	2	1441.84	1551.62	98.75	o
3	7	2	1023.57	1152.69	79.42	o
4	7	2	628.28	776.25	81.72	o
5	7	2	23.25	66.39	103.43	o
6	7	2	486.17	388.79	90.02	o
7	7	2	554.54	611.64	90.51	o
8	7	2	434.06	488.02	107.91	o
9	7	2	250.07	375.83	108.14	o
10	7	2	72.75	76.61	83.64	o
11	7	2	129.66	72.94	95.36	o
12	7	2	152.17	121.07	86.04	o
13	7	2	348.21	236.42	75.77	o
14	7	2	17.66	60.27	80.10	o
15	7	2	687.81	756.17	93.35	o
16	7	2	138.88	98.87	84.90	o
17	7	2	31.06	-13.86	70.39	o
18	7	2	55.28	69.92	85.68	o
19	7	2	208.41	230.87	75.69	o
20	7	2	57.35	23.66	77.81	o
21	7	2	260.36	159.76	98.44	o
22	7	2	73.82	64.82	97.99	o
23	7	2	27.59	61.20	94.55	o
0	8	2	296.75	475.78	138.87	o
1	8	2	1285.98	1408.70	91.97	o
2	8	2	44.23	106.05	96.01	o
3	8	2	54.38	134.20	96.60	o

4	8	2	557.70	546.11	75.38	o
5	8	2	544.08	654.90	89.14	o
6	8	2	62.96	82.25	79.48	o
7	8	2	1095.73	1024.31	86.65	o
8	8	2	4.91	39.75	102.52	o
9	8	2	133.42	66.26	101.38	o
10	8	2	53.27	136.54	101.39	o
11	8	2	181.84	217.95	91.37	o
12	8	2	409.23	363.92	85.63	o
13	8	2	68.60	130.58	104.40	o
14	8	2	31.10	-39.97	108.19	o
15	8	2	72.19	4.05	114.80	o
16	8	2	15.92	-47.08	94.29	o
17	8	2	73.19	114.16	94.56	o
18	8	2	72.78	30.91	84.06	o
19	8	2	26.42	-23.04	96.24	o
20	8	2	16.48	30.84	90.44	o
1	9	2	54.27	122.71	89.04	o
2	9	2	552.79	514.59	96.75	o
3	9	2	30.96	109.09	87.14	o
4	9	2	274.79	217.53	81.60	o
5	9	2	54.99	40.13	97.17	o
6	9	2	103.84	125.12	89.67	o
7	9	2	64.84	87.04	97.21	o
8	9	2	298.79	367.60	99.75	o
9	9	2	92.85	105.92	111.78	o
10	9	2	135.69	66.97	93.40	o
11	9	2	32.07	30.98	102.58	o
12	9	2	21.48	56.48	115.63	o
13	9	2	353.54	285.31	107.96	o
14	9	2	1.44	-54.96	104.28	o
15	9	2	51.53	64.65	103.08	o
16	9	2	140.12	114.52	99.08	o
0	10	2	24.98	0.92	119.12	o
1	10	2	21.90	34.24	84.08	o
2	10	2	57.32	83.37	88.21	o
3	10	2	15.28	-0.73	89.22	o
4	10	2	155.66	172.51	91.18	o
5	10	2	5.85	-8.22	91.12	o
6	10	2	47.96	76.46	91.97	o
7	10	2	3.36	-5.46	92.59	o
8	10	2	46.07	16.82	81.86	o
9	10	2	17.57	59.03	93.07	o
2	0	3	2449.82	2427.16	100.88	o
4	0	3	25279.23	23865.00	2871.70	o
6	0	3	3160.05	3313.02	102.68	o
8	0	3	37785.60	40526.96	3101.21	o
10	0	3	7193.07	6359.37	110.78	o
12	0	3	379.47	331.71	70.52	o
14	0	3	957.88	1000.55	76.43	o
16	0	3	3671.92	3700.32	143.51	o
18	0	3	7.82	72.35	67.93	o
20	0	3	512.02	417.78	67.51	o
22	0	3	883.34	951.92	86.40	o
24	0	3	1749.95	1957.78	87.41	o
26	0	3	206.03	244.52	93.92	o
28	0	3	65.56	22.29	97.41	o
30	0	3	270.28	210.87	120.51	o
0	1	3	1936.71	2703.14	183.41	o
1	1	3	7315.68	7540.02	257.72	o
2	1	3	1811.00	2335.47	103.09	o

3	1	3	1104.64	1330.84	69.67	o
4	1	3	8918.33	8258.21	343.10	o
5	1	3	3669.59	3985.33	276.87	o
6	1	3	7973.73	7370.40	333.31	o
7	1	3	3640.77	3580.83	257.29	o
8	1	3	235.81	314.83	54.37	o
9	1	3	2645.66	2727.62	163.29	o
10	1	3	6268.90	5727.39	364.87	o
11	1	3	1093.98	1189.41	55.77	o
12	1	3	7446.17	7069.14	280.78	o
13	1	3	685.08	764.60	56.59	o
14	1	3	327.45	313.27	56.90	o
15	1	3	509.41	523.80	53.82	o
16	1	3	55.96	64.46	49.87	o
17	1	3	90.68	90.73	50.86	o
18	1	3	57.85	77.11	49.59	o
19	1	3	18.67	43.02	49.58	o
20	1	3	97.85	101.21	57.20	o
21	1	3	169.09	145.95	51.08	o
22	1	3	95.18	110.02	50.70	o
23	1	3	160.09	185.38	60.64	o
24	1	3	327.29	302.20	58.42	o
25	1	3	22.10	7.75	56.59	o
26	1	3	157.47	179.04	67.32	o
27	1	3	278.09	339.22	71.78	o
28	1	3	465.02	422.23	71.94	o
29	1	3	95.23	93.39	70.34	o
30	1	3	65.40	39.13	77.51	o
31	1	3	8.83	4.27	80.23	o
1	2	3	1990.92	2041.06	125.87	o
2	2	3	130.90	355.66	51.22	o
3	2	3	1905.11	1769.93	82.15	o
4	2	3	418.52	432.59	55.85	o
5	2	3	72.55	231.87	57.77	o
6	2	3	7448.29	7746.82	375.33	o
7	2	3	3235.06	3214.04	134.65	o
8	2	3	472.66	664.98	56.84	o
9	2	3	1871.75	1684.89	93.51	o
10	2	3	1656.15	1462.79	71.58	o
11	2	3	832.67	830.29	54.78	o
12	2	3	1785.09	1901.01	62.63	o
13	2	3	3281.81	2990.07	115.23	o
14	2	3	974.26	1023.18	58.91	o
15	2	3	5122.40	5105.25	249.36	o
16	2	3	863.57	844.74	59.35	o
17	2	3	353.49	339.08	53.73	o
18	2	3	581.22	506.37	55.11	o
19	2	3	1796.27	1776.04	56.41	o
20	2	3	110.66	144.62	53.23	o
21	2	3	441.84	440.56	49.53	o
22	2	3	170.17	218.34	56.78	o
23	2	3	42.15	57.00	61.10	o
24	2	3	249.83	171.90	60.68	o
25	2	3	135.36	123.31	69.16	o
26	2	3	34.67	15.82	71.57	o
27	2	3	247.26	268.04	70.19	o
28	2	3	12.87	52.19	77.41	o
29	2	3	25.43	12.71	89.66	o
30	2	3	28.27	19.24	108.67	o
0	3	3	101.26	375.79	77.73	o
1	3	3	1895.39	1690.26	58.10	o

2	3	3	813.39	902.94	58.56	o
3	3	3	678.37	756.09	62.21	o
4	3	3	202.54	248.20	60.83	o
5	3	3	2091.36	1972.81	107.18	o
6	3	3	118.71	352.67	61.69	o
7	3	3	4515.54	4377.14	218.05	o
8	3	3	105.03	244.68	55.00	o
9	3	3	578.40	545.41	57.01	o
10	3	3	381.55	385.77	60.51	o
11	3	3	4620.81	4372.68	260.18	o
12	3	3	823.15	897.58	63.62	o
13	3	3	1429.46	1346.72	65.86	o
14	3	3	4072.56	3910.43	101.66	o
15	3	3	3189.29	3111.59	180.81	o
16	3	3	2255.18	2137.25	144.77	o
17	3	3	334.26	343.28	58.48	o
18	3	3	547.47	592.45	63.74	o
19	3	3	129.50	169.51	59.09	o
20	3	3	868.52	953.44	68.84	o
21	3	3	66.43	40.30	57.42	o
22	3	3	337.01	412.74	68.49	o
23	3	3	497.13	443.85	73.14	o
24	3	3	690.80	760.16	81.79	o
25	3	3	98.97	127.17	87.32	o
26	3	3	221.78	237.09	82.68	o
27	3	3	236.73	169.29	81.65	o
28	3	3	109.30	123.84	87.82	o
29	3	3	100.24	84.21	82.36	o
1	4	3	181.21	319.17	59.55	o
2	4	3	4819.94	4706.90	223.28	o
3	4	3	2495.96	2682.37	148.83	o
4	4	3	9596.92	8883.32	432.20	o
5	4	3	1068.82	1264.53	70.09	o
6	4	3	1522.93	1665.49	76.41	o
7	4	3	221.99	206.41	56.02	o
8	4	3	996.56	943.32	84.87	o
9	4	3	618.21	606.89	67.31	o
10	4	3	575.68	607.87	65.26	o
11	4	3	702.70	669.20	61.52	o
12	4	3	72.50	139.82	59.99	o
13	4	3	24.53	42.96	59.06	o
14	4	3	876.84	868.47	74.10	o
15	4	3	63.74	59.69	70.68	o
16	4	3	1263.88	1279.71	82.87	o
17	4	3	72.05	95.05	80.22	o
18	4	3	166.94	119.71	75.07	o
19	4	3	103.34	160.97	77.42	o
20	4	3	2065.43	2099.64	85.87	o
21	4	3	8.88	10.76	65.79	o
22	4	3	52.33	56.13	67.81	o
23	4	3	128.51	77.18	69.55	o
24	4	3	65.82	86.86	80.29	o
25	4	3	113.22	123.17	83.67	o
26	4	3	35.62	61.25	86.33	o
27	4	3	38.68	32.94	89.06	o
28	4	3	42.74	-6.73	92.59	o
0	5	3	5663.06	6000.13	458.99	o
1	5	3	817.03	987.55	57.31	o
2	5	3	1167.34	1138.69	104.90	o
3	5	3	416.63	314.44	58.11	o
4	5	3	145.15	243.85	81.34	o



5	5	3	366.05	344.63	63.05	o
6	5	3	1078.12	1069.09	81.42	o
7	5	3	578.17	660.09	76.13	o
8	5	3	464.67	606.51	84.98	o
9	5	3	564.97	523.67	70.11	o
10	5	3	73.20	137.29	84.10	o
11	5	3	385.39	350.81	67.47	o
12	5	3	68.35	96.32	80.76	o
13	5	3	98.31	86.39	83.68	o
14	5	3	264.81	330.14	95.45	o
15	5	3	137.37	233.83	76.92	o
16	5	3	1557.47	1678.94	139.50	o
17	5	3	162.59	230.41	90.97	o
18	5	3	807.13	936.06	104.48	o
19	5	3	109.08	125.02	82.65	o
20	5	3	0.47	23.38	81.86	o
21	5	3	9.04	27.79	78.45	o
22	5	3	534.97	494.35	90.15	o
23	5	3	9.82	-24.92	78.00	o
24	5	3	530.09	564.45	88.74	o
25	5	3	40.78	37.54	97.07	o
26	5	3	29.91	3.87	86.56	o
27	5	3	56.92	72.02	95.05	o
1	6	3	201.84	250.93	60.38	o
2	6	3	2064.78	2342.99	150.20	o
3	6	3	122.19	259.65	77.41	o
4	6	3	377.66	412.33	79.56	o
5	6	3	296.54	323.66	78.11	o
6	6	3	150.52	98.12	86.43	o
7	6	3	350.85	350.05	102.44	o
8	6	3	59.83	129.00	101.99	o
9	6	3	231.15	209.72	103.25	o
10	6	3	182.54	104.57	79.26	o
11	6	3	116.47	150.45	81.65	o
12	6	3	586.29	551.05	108.86	o
13	6	3	501.84	479.43	98.08	o
14	6	3	1300.67	1341.47	157.82	o
15	6	3	383.10	447.12	94.38	o
16	6	3	261.99	289.40	93.74	o
17	6	3	47.77	62.95	89.13	o
18	6	3	335.80	335.03	96.76	o
19	6	3	239.36	263.10	71.80	o
20	6	3	1006.01	1106.94	78.52	o
21	6	3	126.32	111.28	85.00	o
22	6	3	337.90	395.52	95.54	o
23	6	3	0.38	32.89	84.14	o
24	6	3	19.34	18.21	85.93	o
25	6	3	8.05	78.67	85.43	o
0	7	3	2042.67	2029.86	118.04	o
1	7	3	313.77	528.24	77.70	o
2	7	3	1423.07	1652.71	108.06	o
3	7	3	611.07	647.12	78.12	o
4	7	3	180.12	286.47	92.63	o
5	7	3	240.90	226.54	83.15	o
6	7	3	195.79	187.39	75.38	o
7	7	3	270.07	349.57	93.28	o
8	7	3	627.62	570.03	94.67	o
9	7	3	141.17	233.80	108.92	o
10	7	3	380.30	318.29	111.83	o
11	7	3	1060.66	1098.18	138.39	o
12	7	3	104.58	150.43	99.19	o

13	7	3	278.71	339.69	100.18	o
14	7	3	27.64	-30.20	117.51	o
15	7	3	357.14	337.59	105.78	o
16	7	3	31.74	111.78	129.52	o
17	7	3	282.87	238.29	83.68	o
18	7	3	84.28	100.55	84.35	o
19	7	3	54.56	40.28	78.70	o
20	7	3	68.60	50.47	89.64	o
21	7	3	31.68	34.73	86.37	o
22	7	3	9.09	17.83	88.09	o
1	8	3	635.95	648.86	90.73	o
2	8	3	1.38	142.21	89.20	o
3	8	3	1229.47	1436.23	103.91	o
4	8	3	28.34	77.01	81.69	o
5	8	3	138.97	101.53	100.85	o
6	8	3	303.13	192.76	100.24	o
7	8	3	28.31	73.45	101.57	o
8	8	3	453.58	511.31	106.75	o
9	8	3	167.55	272.95	123.25	o
10	8	3	83.97	27.01	104.84	o
11	8	3	128.42	154.39	122.76	o
12	8	3	22.59	64.74	93.76	o
13	8	3	43.06	114.25	125.12	o
14	8	3	6.07	-67.89	107.91	o
15	8	3	48.61	53.05	90.82	o
16	8	3	148.28	106.15	101.97	o
17	8	3	2.09	60.52	115.31	o
18	8	3	38.36	35.48	106.86	o
19	8	3	65.74	120.98	113.49	o
0	9	3	197.74	291.48	153.82	o
1	9	3	16.73	15.63	96.20	o
2	9	3	30.95	44.92	107.60	o
3	9	3	37.87	65.74	88.96	o
4	9	3	194.30	211.26	98.28	o
5	9	3	117.84	146.04	110.37	o
6	9	3	288.58	228.79	89.65	o
7	9	3	35.74	35.68	90.37	o
8	9	3	63.58	58.16	92.56	o
9	9	3	239.36	224.75	115.79	o
10	9	3	31.60	41.10	103.67	o
11	9	3	170.65	146.55	105.86	o
12	9	3	221.27	157.28	107.77	o
13	9	3	1.24	2.62	91.92	o
14	9	3	122.04	78.46	104.53	o
15	9	3	66.50	42.30	101.94	o
1	10	3	3.36	40.27	108.61	o
2	10	3	25.33	93.67	97.48	o
3	10	3	0.10	28.34	122.06	o
4	10	3	24.30	47.11	109.68	o
5	10	3	6.73	32.32	121.46	o
6	10	3	252.04	162.44	102.02	o
7	10	3	6.78	32.21	112.38	o
0	0	4	2987.09	3253.73	274.13	o
2	0	4	3583.00	3486.06	204.34	o
4	0	4	11760.30	12347.79	403.94	o
6	0	4	10945.05	10508.42	124.71	o
8	0	4	3248.77	3104.63	248.41	o
10	0	4	403.24	389.76	67.21	o
12	0	4	2975.85	2909.33	386.09	o
14	0	4	1423.61	1386.86	101.12	o
16	0	4	695.14	672.54	76.88	o

18	0	4	42.48	76.49	70.09	o
20	0	4	131.99	147.07	90.44	o
22	0	4	1182.50	1333.55	99.73	o
24	0	4	390.08	364.29	77.61	o
26	0	4	488.50	577.93	90.37	o
28	0	4	393.03	366.12	107.15	o
30	0	4	59.13	29.81	93.94	o
1	1	4	1346.72	1126.93	49.43	o
2	1	4	1218.14	1270.98	84.39	o
3	1	4	1878.53	1707.97	82.80	o
4	1	4	5690.77	6045.33	278.48	o
5	1	4	9293.68	9411.43	287.00	o
6	1	4	2581.57	2633.10	182.00	o
7	1	4	243.17	491.52	54.97	o
8	1	4	6384.19	5566.88	305.70	o
9	1	4	3184.14	3267.20	144.81	o
10	1	4	1392.58	1345.46	64.80	o
11	1	4	827.76	673.34	58.15	o
12	1	4	540.72	531.72	57.82	o
13	1	4	312.53	285.77	58.84	o
14	1	4	1250.07	1101.30	71.22	o
15	1	4	619.49	668.95	59.23	o
16	1	4	1566.85	1574.16	60.86	o
17	1	4	90.42	184.87	61.12	o
18	1	4	52.74	102.32	61.81	o
19	1	4	188.73	176.21	53.71	o
20	1	4	1067.21	1083.49	63.10	o
21	1	4	127.98	105.28	56.36	o
22	1	4	63.14	70.09	58.11	o
23	1	4	78.07	41.49	53.89	o
24	1	4	396.83	357.81	59.42	o
25	1	4	258.10	283.91	64.65	o
26	1	4	146.74	160.35	63.28	o
27	1	4	60.67	58.91	67.25	o
28	1	4	74.33	65.05	60.89	o
29	1	4	25.34	29.58	73.32	o
30	1	4	4.54	45.33	86.01	o
0	2	4	1248.86	1453.61	105.97	o
1	2	4	368.89	320.25	54.81	o
2	2	4	1382.71	1467.02	86.56	o
3	2	4	694.94	753.15	55.29	o
4	2	4	1038.12	1042.39	75.20	o
5	2	4	1880.12	1959.27	90.27	o
6	2	4	93.16	118.96	58.30	o
7	2	4	489.56	617.74	58.69	o
8	2	4	1768.29	1648.15	117.75	o
9	2	4	3338.07	3215.24	192.84	o
10	2	4	1109.57	1027.21	80.99	o
11	2	4	9455.13	9172.03	265.28	o
12	2	4	897.40	1081.99	67.15	o
13	2	4	1719.28	1720.02	115.64	o
14	2	4	212.14	133.46	56.60	o
15	2	4	6182.14	5856.80	290.92	o
16	2	4	90.53	144.50	66.85	o
17	2	4	1427.65	1239.56	60.19	o
18	2	4	27.84	102.79	60.21	o
19	2	4	740.06	711.03	59.71	o
20	2	4	7.26	35.10	51.99	o
21	2	4	334.67	396.78	63.23	o
22	2	4	8.41	45.52	60.76	o
23	2	4	1007.43	1050.64	69.05	o

24	2	4	89.18	101.20	59.42	o
25	2	4	169.39	205.57	67.54	o
26	2	4	54.61	49.75	69.56	o
27	2	4	116.06	80.51	66.51	o
28	2	4	42.37	28.54	85.85	o
29	2	4	13.41	11.26	86.73	o
1	3	4	1509.22	1435.54	79.70	o
2	3	4	458.46	561.45	52.50	o
3	3	4	4764.61	4202.37	170.29	o
4	3	4	266.48	332.73	56.94	o
5	3	4	462.65	490.88	61.49	o
6	3	4	46.24	20.68	56.36	o
7	3	4	915.49	808.70	62.29	o
8	3	4	2447.79	2460.68	152.50	o
9	3	4	1656.02	1481.07	66.06	o
10	3	4	1250.45	1190.95	63.38	o
11	3	4	267.98	445.23	62.75	o
12	3	4	707.58	590.71	55.39	o
13	3	4	1286.76	1134.56	59.98	o
14	3	4	28.90	121.21	63.18	o
15	3	4	712.59	744.05	61.96	o
16	3	4	1102.27	1076.09	64.30	o
17	3	4	254.75	191.00	67.17	o
18	3	4	87.13	87.19	71.07	o
19	3	4	530.48	550.11	57.51	o
20	3	4	1316.39	1436.54	67.35	o
21	3	4	282.77	297.61	62.41	o
22	3	4	392.02	414.86	66.96	o
23	3	4	120.00	175.76	66.17	o
24	3	4	14.64	3.76	59.46	o
25	3	4	146.97	179.08	65.98	o
26	3	4	5.18	-22.18	85.03	o
27	3	4	119.48	58.86	78.59	o
28	3	4	20.16	38.00	99.80	o
0	4	4	4387.86	4694.33	217.59	o
1	4	4	1956.63	2128.74	118.10	o
2	4	4	2032.66	2013.68	70.23	o
3	4	4	80.82	163.02	56.07	o
4	4	4	264.09	259.96	56.76	o
5	4	4	635.20	558.98	63.04	o
6	4	4	2555.58	2729.70	82.42	o
7	4	4	1268.11	1230.48	68.00	o
8	4	4	1881.66	1884.04	76.35	o
9	4	4	171.01	177.77	76.05	o
10	4	4	144.29	131.19	76.84	o
11	4	4	136.36	175.92	75.00	o
12	4	4	1049.04	975.53	79.37	o
13	4	4	674.03	564.74	66.08	o
14	4	4	47.33	-9.75	80.06	o
15	4	4	139.44	132.23	73.40	o
16	4	4	192.67	230.17	83.20	o
17	4	4	204.76	270.82	77.28	o
18	4	4	241.71	279.81	77.81	o
19	4	4	158.03	155.86	81.46	o
20	4	4	182.33	97.77	62.43	o
21	4	4	9.57	4.64	64.82	o
22	4	4	261.56	268.43	69.89	o
23	4	4	89.26	84.32	80.42	o
24	4	4	138.54	122.36	83.72	o
25	4	4	12.43	56.93	86.78	o
26	4	4	69.90	32.12	77.06	o

27	4	4	60.86	19.39	87.56	o
1	5	4	342.11	419.32	62.88	o
2	5	4	906.32	938.50	64.97	o
3	5	4	579.57	782.46	91.75	o
4	5	4	3192.40	2986.08	78.05	o
5	5	4	1081.38	1170.02	81.25	o
6	5	4	607.71	530.62	67.31	o
7	5	4	30.11	91.83	59.49	o
8	5	4	1474.60	1521.32	93.01	o
9	5	4	21.15	109.03	66.34	o
10	5	4	292.12	245.65	71.53	o
11	5	4	367.74	347.23	79.23	o
12	5	4	456.29	499.43	80.08	o
13	5	4	441.19	436.03	72.61	o
14	5	4	543.13	570.83	80.19	o
15	5	4	154.03	67.80	71.92	o
16	5	4	1160.63	1124.90	83.28	o
17	5	4	97.29	176.47	90.17	o
18	5	4	256.49	186.07	94.18	o
19	5	4	103.51	113.68	106.26	o
20	5	4	982.58	976.94	99.71	o
21	5	4	119.81	148.28	87.13	o
22	5	4	105.44	193.61	89.21	o
23	5	4	120.11	84.58	80.21	o
24	5	4	40.25	40.34	81.04	o
25	5	4	40.38	-5.28	77.69	o
26	5	4	97.66	110.01	106.26	o
0	6	4	904.38	847.60	95.80	o
1	6	4	304.23	355.18	59.50	o
2	6	4	56.80	75.71	57.83	o
3	6	4	465.21	496.33	71.89	o
4	6	4	293.49	241.30	71.18	o
5	6	4	259.50	290.91	72.48	o
6	6	4	140.77	225.46	71.86	o
7	6	4	58.12	32.37	79.83	o
8	6	4	29.94	36.11	79.93	o
9	6	4	147.66	240.71	81.66	o
10	6	4	810.86	733.49	67.47	o
11	6	4	564.38	486.26	102.04	o
12	6	4	587.57	644.63	95.94	o
13	6	4	179.79	230.12	85.75	o
14	6	4	169.05	155.26	113.54	o
15	6	4	271.12	356.66	100.64	o
16	6	4	984.99	919.45	110.60	o
17	6	4	288.47	319.73	97.95	o
18	6	4	591.23	635.84	114.64	o
19	6	4	17.94	40.29	101.48	o
20	6	4	5.59	54.26	93.03	o
21	6	4	90.32	103.91	90.21	o
22	6	4	47.79	44.57	97.58	o
23	6	4	82.14	91.18	95.01	o
24	6	4	152.64	162.01	97.90	o
1	7	4	102.53	141.28	84.07	o
2	7	4	1068.58	1014.34	70.06	o
3	7	4	406.16	529.49	86.30	o
4	7	4	707.97	749.34	87.01	o
5	7	4	28.27	26.47	79.12	o
6	7	4	398.67	367.11	79.26	o
7	7	4	226.46	180.39	85.75	o
8	7	4	158.72	308.25	112.11	o
9	7	4	687.99	648.77	89.68	o

10	7	4	151.93	187.42	97.58	o
11	7	4	130.66	95.41	115.37	o
12	7	4	85.82	86.87	91.26	o
13	7	4	363.06	444.25	118.93	o
14	7	4	87.18	64.51	102.88	o
15	7	4	388.93	453.86	123.55	o
16	7	4	49.68	-47.81	125.10	o
17	7	4	16.28	29.44	100.76	o
18	7	4	57.21	-24.42	115.85	o
19	7	4	147.98	150.58	136.57	o
20	7	4	21.56	67.47	132.89	o
21	7	4	107.20	58.22	89.81	o
0	8	4	339.14	316.68	102.92	o
1	8	4	604.15	694.20	103.36	o
2	8	4	1.03	-33.49	89.68	o
3	8	4	53.86	66.20	101.45	o
4	8	4	104.92	167.18	91.62	o
5	8	4	330.17	377.00	84.42	o
6	8	4	186.15	272.70	92.62	o
7	8	4	714.58	799.54	105.86	o
8	8	4	16.50	30.90	105.24	o
9	8	4	78.28	122.07	106.95	o
10	8	4	95.96	12.29	96.72	o
11	8	4	198.10	277.89	125.21	o
12	8	4	119.74	22.95	129.03	o
13	8	4	105.09	112.19	129.00	o
14	8	4	114.77	129.22	112.57	o
15	8	4	5.70	-27.55	113.98	o
16	8	4	11.63	55.60	115.97	o
17	8	4	104.31	33.61	119.07	o
18	8	4	8.66	-23.07	129.95	o
1	9	4	23.95	-1.24	98.89	o
2	9	4	207.26	206.28	84.58	o
3	9	4	42.34	32.51	84.59	o
4	9	4	369.59	281.15	101.23	o
5	9	4	38.67	48.75	100.52	o
6	9	4	19.00	-8.20	92.43	o
7	9	4	178.01	193.64	114.57	o
8	9	4	187.54	165.75	117.18	o
9	9	4	64.96	48.47	94.76	o
10	9	4	159.05	200.04	106.36	o
11	9	4	21.85	74.84	98.60	o
12	9	4	21.07	-57.31	123.67	o
13	9	4	123.69	73.53	144.58	o
2	0	5	2506.31	2311.12	75.40	o
4	0	5	8848.23	8713.25	306.63	o
6	0	5	3123.98	3123.52	111.52	o
8	0	5	3041.73	3190.32	244.44	o
10	0	5	3323.58	3405.27	217.46	o
12	0	5	29.20	73.78	82.62	o
14	0	5	117.29	95.59	83.68	o
16	0	5	411.98	432.60	88.42	o
18	0	5	1022.21	1125.69	99.96	o
20	0	5	1041.26	1088.28	81.69	o
22	0	5	333.15	295.96	89.86	o
24	0	5	124.56	121.31	106.17	o
26	0	5	236.82	271.59	98.90	o
28	0	5	91.13	69.96	107.87	o
0	1	5	4684.53	4341.53	145.61	o
1	1	5	2121.97	2255.59	105.15	o
2	1	5	1132.55	1242.83	57.04	o

3	1	5	446.92	475.12	49.12	o
4	1	5	630.34	658.23	49.72	o
5	1	5	2108.54	2255.12	57.21	o
6	1	5	567.24	518.27	52.38	o
7	1	5	24.61	5.12	52.44	o
8	1	5	2327.85	2179.21	151.01	o
9	1	5	2286.46	2326.52	68.49	o
10	1	5	244.91	408.53	62.40	o
11	1	5	635.76	558.12	60.74	o
12	1	5	656.31	633.98	60.06	o
13	1	5	774.62	736.28	54.24	o
14	1	5	1102.65	1088.04	62.42	o
15	1	5	387.65	431.16	62.42	o
16	1	5	1353.41	1401.24	103.75	o
17	1	5	17.69	80.12	59.46	o
18	1	5	1053.11	1012.48	63.24	o
19	1	5	25.53	56.26	55.92	o
20	1	5	185.26	94.64	57.05	o
21	1	5	114.82	104.57	64.39	o
22	1	5	783.12	821.19	65.26	o
23	1	5	207.41	180.15	62.41	o
24	1	5	605.43	657.67	68.53	o
25	1	5	58.79	78.14	63.99	o
26	1	5	38.91	22.32	69.56	o
27	1	5	148.83	123.34	66.96	o
28	1	5	1.37	22.92	72.23	o
1	2	5	471.99	402.13	50.96	o
2	2	5	1094.19	1086.97	59.79	o
3	2	5	213.10	284.22	47.58	o
4	2	5	1085.90	1158.15	57.78	o
5	2	5	85.24	66.37	49.01	o
6	2	5	137.42	89.51	53.94	o
7	2	5	1474.27	1370.18	54.18	o
8	2	5	1765.01	2092.64	149.61	o
9	2	5	3211.61	2909.03	245.99	o
10	2	5	52.96	140.69	54.63	o
11	2	5	487.02	494.85	59.75	o
12	2	5	245.77	334.55	64.53	o
13	2	5	1400.99	1427.38	93.35	o
14	2	5	333.96	343.26	58.64	o
15	2	5	1411.67	1355.04	81.66	o
16	2	5	63.32	140.12	53.77	o
17	2	5	146.94	208.91	69.70	o
18	2	5	207.85	175.02	65.76	o
19	2	5	857.34	940.45	63.19	o
20	2	5	873.79	829.55	67.08	o
21	2	5	999.16	1020.99	68.32	o
22	2	5	248.62	274.50	59.25	o
23	2	5	73.40	63.41	64.31	o
24	2	5	6.34	0.14	64.30	o
25	2	5	109.45	37.42	72.32	o
26	2	5	5.52	1.92	65.83	o
27	2	5	113.49	76.83	66.93	o
28	2	5	21.27	27.27	78.70	o
0	3	5	1686.82	1772.19	101.96	o
1	3	5	2960.05	3126.41	195.61	o
2	3	5	437.56	463.13	53.51	o
3	3	5	330.45	304.44	55.91	o
4	3	5	1278.93	1224.99	69.93	o
5	3	5	1095.02	1103.78	63.16	o
6	3	5	12.67	93.83	59.08	o

7	3	5	1419.16	1380.69	80.50	o
8	3	5	417.97	427.08	53.75	o
9	3	5	152.40	148.82	56.19	o
10	3	5	1350.49	1372.32	63.34	o
11	3	5	2615.09	2428.40	114.69	o
12	3	5	1785.13	1814.21	75.88	o
13	3	5	892.31	838.36	61.97	o
14	3	5	99.31	54.45	58.73	o
15	3	5	1173.46	1141.21	99.48	o
16	3	5	243.05	241.98	59.14	o
17	3	5	598.81	630.13	58.97	o
18	3	5	789.63	808.87	70.91	o
19	3	5	91.84	103.27	66.48	o
20	3	5	215.15	215.74	57.54	o
21	3	5	105.28	122.92	59.65	o
22	3	5	36.27	42.14	60.71	o
23	3	5	406.95	359.06	68.63	o
24	3	5	3.33	-28.61	69.39	o
25	3	5	13.57	52.99	76.27	o
26	3	5	62.13	40.00	71.31	o
27	3	5	99.99	71.31	70.57	o
1	4	5	68.90	174.89	58.66	o
2	4	5	1146.99	1112.59	72.63	o
3	4	5	1706.23	1733.49	90.84	o
4	4	5	1590.74	1874.22	104.50	o
5	4	5	645.14	650.83	60.28	o
6	4	5	601.75	641.70	58.49	o
7	4	5	180.44	262.34	69.68	o
8	4	5	2818.77	2758.80	139.40	o
9	4	5	492.10	507.87	62.29	o
10	4	5	615.34	621.18	64.94	o
11	4	5	462.03	445.73	67.11	o
12	4	5	274.05	319.97	71.97	o
13	4	5	417.26	404.27	62.69	o
14	4	5	188.85	208.07	62.76	o
15	4	5	97.53	150.98	60.74	o
16	4	5	1215.39	1080.79	65.20	o
17	4	5	408.66	360.32	76.76	o
18	4	5	79.27	98.91	80.94	o
19	4	5	52.92	8.58	67.01	o
20	4	5	120.62	151.26	66.07	o
21	4	5	61.91	51.68	60.34	o
22	4	5	234.40	156.22	74.36	o
23	4	5	8.57	26.84	76.40	o
24	4	5	145.96	121.30	77.25	o
25	4	5	62.23	43.56	78.66	o
26	4	5	86.27	57.94	93.31	o
0	5	5	2020.54	1915.64	166.16	o
1	5	5	448.54	561.40	66.12	o
2	5	5	307.61	241.10	57.88	o
3	5	5	362.74	421.70	66.11	o
4	5	5	1696.50	1625.16	64.31	o
5	5	5	413.08	430.94	63.03	o
6	5	5	856.43	847.32	64.21	o
7	5	5	309.54	290.69	63.39	o
8	5	5	27.02	16.73	78.02	o
9	5	5	348.03	353.47	71.94	o
10	5	5	736.35	683.84	66.19	o
11	5	5	118.07	183.98	69.68	o
12	5	5	1288.26	1194.54	66.75	o
13	5	5	71.56	162.58	72.89	o



14	5	5	655.01	660.14	85.23 o
15	5	5	175.12	201.88	84.86 o
16	5	5	305.69	368.26	87.16 o
17	5	5	235.29	244.04	95.60 o
18	5	5	213.22	263.47	87.56 o
19	5	5	69.19	112.23	88.52 o
20	5	5	26.11	29.32	90.17 o
21	5	5	34.87	60.62	93.62 o
22	5	5	83.28	82.41	89.73 o
23	5	5	1.28	8.57	91.69 o
24	5	5	60.92	19.90	92.74 o
1	6	5	405.38	432.88	68.66 o
2	6	5	119.03	136.78	56.18 o
3	6	5	246.90	249.11	68.71 o
4	6	5	0.15	74.33	64.14 o
5	6	5	661.77	687.59	71.18 o
6	6	5	914.66	937.82	70.86 o
7	6	5	373.75	449.27	63.44 o
8	6	5	1479.91	1568.18	78.24 o
9	6	5	455.94	553.60	88.21 o
10	6	5	493.47	471.67	88.16 o
11	6	5	1.64	42.87	84.54 o
12	6	5	261.06	235.81	79.90 o
13	6	5	222.14	215.78	100.15 o
14	6	5	890.52	868.56	83.89 o
15	6	5	209.07	175.09	84.05 o
16	6	5	231.55	215.27	93.25 o
17	6	5	2.34	-12.79	87.24 o
18	6	5	69.55	17.95	111.33 o
19	6	5	187.78	116.47	108.57 o
20	6	5	105.63	148.44	126.97 o
21	6	5	34.87	75.37	127.72 o
22	6	5	37.71	-8.02	100.12 o
0	7	5	487.62	378.07	114.57 o
1	7	5	415.45	512.10	88.20 o
2	7	5	4.10	51.66	79.59 o
3	7	5	136.28	141.07	98.04 o
4	7	5	5.93	63.18	86.89 o
5	7	5	205.42	225.76	81.41 o
6	7	5	222.31	296.48	79.86 o
7	7	5	256.13	214.76	81.58 o
8	7	5	285.66	262.92	82.13 o
9	7	5	135.31	169.79	75.94 o
10	7	5	117.93	205.75	117.80 o
11	7	5	650.63	577.30	107.07 o
12	7	5	172.61	189.45	105.66 o
13	7	5	183.88	154.33	123.74 o
14	7	5	132.07	149.13	89.70 o
15	7	5	58.11	116.33	128.46 o
16	7	5	64.77	50.35	110.96 o
17	7	5	211.90	148.43	116.19 o
18	7	5	24.32	80.39	119.28 o
19	7	5	29.79	6.37	121.48 o
1	8	5	157.02	147.59	86.66 o
2	8	5	154.09	214.90	94.77 o
3	8	5	717.61	880.99	108.01 o
4	8	5	429.37	482.54	97.33 o
5	8	5	303.44	269.96	82.85 o
6	8	5	58.40	93.55	81.88 o
7	8	5	57.35	95.16	90.79 o
8	8	5	24.03	82.27	91.27 o

9	8	5	369.40	471.25	93.90	o
10	8	5	121.64	183.89	112.77	o
11	8	5	128.51	145.39	85.80	o
12	8	5	15.53	22.07	133.04	o
13	8	5	22.61	66.60	118.00	o
14	8	5	19.91	-63.26	137.98	o
15	8	5	33.04	-44.53	110.26	o
16	8	5	8.56	-19.32	141.75	o
0	9	5	714.80	670.84	121.00	o
1	9	5	3.08	-3.46	94.35	o
2	9	5	263.04	270.32	82.21	o
3	9	5	61.14	22.70	89.12	o
4	9	5	17.68	21.50	118.50	o
5	9	5	99.01	95.23	119.97	o
6	9	5	132.02	191.80	120.09	o
7	9	5	55.36	39.98	107.63	o
8	9	5	98.27	69.46	92.84	o
9	9	5	87.40	66.94	100.38	o
10	9	5	8.58	10.17	124.43	o
0	0	6	23863.21	22272.52	3385.69	o
2	0	6	11824.29	11959.63	310.83	o
4	0	6	3679.86	3719.21	137.52	o
6	0	6	6480.89	6566.97	457.12	o
8	0	6	232.73	280.68	63.69	o
10	0	6	824.35	786.38	94.43	o
12	0	6	834.36	940.20	101.32	o
14	0	6	45.23	35.98	99.72	o
16	0	6	892.68	1106.79	146.53	o
18	0	6	647.62	527.85	78.72	o
20	0	6	33.55	43.47	81.30	o
22	0	6	556.80	521.26	94.72	o
24	0	6	175.99	153.07	100.24	o
26	0	6	12.10	43.92	98.10	o
1	1	6	151.16	179.70	51.35	o
2	1	6	1943.66	1931.00	51.34	o
3	1	6	1408.50	1496.55	53.75	o
4	1	6	2186.99	2197.31	84.99	o
5	1	6	1125.67	1100.91	53.42	o
6	1	6	1183.88	1139.62	53.49	o
7	1	6	158.46	160.25	52.31	o
8	1	6	318.33	366.99	51.18	o
9	1	6	1114.71	1030.57	59.32	o
10	1	6	215.63	253.44	65.37	o
11	1	6	494.48	427.99	57.97	o
12	1	6	821.85	880.98	63.56	o
13	1	6	223.94	211.50	72.21	o
14	1	6	510.29	559.33	64.33	o
15	1	6	222.86	219.14	57.25	o
16	1	6	270.30	188.11	58.27	o
17	1	6	186.76	216.51	62.63	o
18	1	6	754.86	755.46	62.45	o
19	1	6	183.05	224.15	62.02	o
20	1	6	1432.60	1538.87	74.40	o
21	1	6	1.71	87.06	65.02	o
22	1	6	445.99	425.87	70.97	o
23	1	6	6.50	35.45	62.09	o
24	1	6	12.68	35.01	78.71	o
25	1	6	107.33	84.71	76.07	o
26	1	6	51.22	30.56	72.83	o
27	1	6	45.20	9.58	69.59	o
0	2	6	1175.50	1283.87	93.48	o

1	2	6	1105.52	1095.05	53.23	o
2	2	6	668.89	660.56	51.78	o
3	2	6	710.24	649.14	49.39	o
4	2	6	707.27	712.36	52.10	o
5	2	6	1033.41	1050.92	52.58	o
6	2	6	35.67	85.91	49.64	o
7	2	6	293.74	339.65	57.77	o
8	2	6	554.69	479.41	54.89	o
9	2	6	1268.52	1206.37	65.08	o
10	2	6	336.14	295.76	63.23	o
11	2	6	2325.46	2258.23	149.16	o
12	2	6	144.86	306.07	64.04	o
13	2	6	631.21	630.50	62.45	o
14	2	6	459.71	311.94	61.65	o
15	2	6	363.65	402.72	67.09	o
16	2	6	340.54	316.91	63.71	o
17	2	6	1029.96	1225.09	104.54	o
18	2	6	373.63	409.89	58.93	o
19	2	6	381.72	325.02	72.17	o
20	2	6	23.86	42.74	61.75	o
21	2	6	136.64	143.31	71.48	o
22	2	6	116.75	53.62	72.42	o
23	2	6	368.67	330.69	75.20	o
24	2	6	100.58	137.99	73.10	o
25	2	6	22.76	31.56	81.27	o
26	2	6	98.19	62.55	80.19	o
1	3	6	401.42	464.31	62.50	o
2	3	6	44.19	134.22	57.69	o
3	3	6	2332.02	2255.86	114.31	o
4	3	6	1738.14	1706.95	86.98	o
5	3	6	742.74	842.09	75.30	o
6	3	6	1741.34	1635.94	88.89	o
7	3	6	991.74	1039.73	60.23	o
8	3	6	1610.31	1688.21	73.71	o
9	3	6	1402.64	1258.83	58.19	o
10	3	6	412.53	421.72	66.37	o
11	3	6	235.05	250.43	58.76	o
12	3	6	1351.49	1270.70	62.28	o
13	3	6	147.14	175.75	62.76	o
14	3	6	536.55	534.45	64.22	o
15	3	6	140.99	158.48	56.80	o
16	3	6	667.58	607.20	66.42	o
17	3	6	73.32	41.30	60.58	o
18	3	6	108.85	57.54	68.87	o
19	3	6	399.58	394.07	80.41	o
20	3	6	20.91	53.11	63.84	o
21	3	6	189.37	164.35	73.89	o
22	3	6	56.53	33.15	72.33	o
23	3	6	32.83	5.61	62.55	o
24	3	6	36.86	21.16	68.47	o
25	3	6	82.32	109.77	76.49	o
26	3	6	34.22	21.20	88.13	o
0	4	6	2187.86	2365.53	174.87	o
1	4	6	1041.72	942.26	61.16	o
2	4	6	161.70	173.80	54.92	o
3	4	6	59.56	89.50	55.00	o
4	4	6	1199.46	1172.70	58.36	o
5	4	6	251.19	223.84	55.87	o
6	4	6	938.77	1000.76	61.95	o
7	4	6	332.15	363.54	59.33	o
8	4	6	52.03	46.94	52.99	o

9	4	6	39.87	16.89	61.98	o
10	4	6	542.05	614.93	61.15	o
11	4	6	162.01	152.30	64.63	o
12	4	6	1195.60	1155.40	67.57	o
13	4	6	192.07	229.35	74.37	o
14	4	6	621.19	567.14	72.12	o
15	4	6	78.82	27.66	68.74	o
16	4	6	19.69	15.38	73.44	o
17	4	6	143.86	163.07	70.05	o
18	4	6	30.77	-13.78	70.52	o
19	4	6	8.95	12.65	84.81	o
20	4	6	56.72	63.14	83.23	o
21	4	6	16.49	-0.44	86.13	o
22	4	6	59.40	45.13	77.90	o
23	4	6	24.34	57.82	78.65	o
24	4	6	141.35	142.47	83.00	o
1	5	6	403.78	481.65	71.69	o
2	5	6	163.18	235.38	62.74	o
3	5	6	176.78	310.57	59.77	o
4	5	6	539.86	628.77	65.89	o
5	5	6	81.14	99.03	68.95	o
6	5	6	760.08	818.97	66.86	o
7	5	6	222.42	359.22	66.65	o
8	5	6	1928.04	1799.27	96.28	o
9	5	6	356.94	436.51	78.37	o
10	5	6	844.43	843.94	79.69	o
11	5	6	122.66	167.76	78.14	o
12	5	6	43.32	91.39	72.75	o
13	5	6	181.34	201.83	81.93	o
14	5	6	467.02	438.29	78.85	o
15	5	6	206.35	253.41	78.77	o
16	5	6	116.76	116.30	71.07	o
17	5	6	20.93	91.17	86.22	o
18	5	6	12.59	-23.74	93.91	o
19	5	6	67.50	47.19	86.90	o
20	5	6	26.65	55.89	88.45	o
21	5	6	51.40	84.61	92.30	o
22	5	6	0.70	-17.97	102.24	o
23	5	6	20.06	11.40	97.30	o
0	6	6	1.21	128.70	108.84	o
1	6	6	254.52	213.98	64.20	o
2	6	6	549.93	576.95	67.73	o
3	6	6	272.58	324.65	63.68	o
4	6	6	432.65	427.06	59.99	o
5	6	6	174.50	222.00	63.91	o
6	6	6	453.15	565.98	69.36	o
7	6	6	33.10	-8.65	63.56	o
8	6	6	8.04	-2.37	79.60	o
9	6	6	178.56	273.70	75.52	o
10	6	6	1081.16	1084.02	79.72	o
11	6	6	185.45	250.44	88.79	o
12	6	6	785.46	681.24	73.24	o
13	6	6	126.22	217.11	86.02	o
14	6	6	163.31	171.12	93.53	o
15	6	6	86.17	110.63	108.92	o
16	6	6	22.30	16.67	90.77	o
17	6	6	151.52	89.47	85.96	o
18	6	6	138.87	171.84	87.47	o
19	6	6	60.32	-5.74	96.29	o
20	6	6	7.01	-8.23	98.40	o
1	7	6	312.00	302.95	68.41	o

2	7	6	19.99	50.93	72.77	o
3	7	6	72.55	56.93	69.49	o
4	7	6	56.34	83.21	73.28	o
5	7	6	469.85	484.04	85.53	o
6	7	6	66.05	29.43	77.84	o
7	7	6	209.97	227.47	80.01	o
8	7	6	248.15	238.32	88.00	o
9	7	6	492.45	517.76	77.42	o
10	7	6	303.58	253.16	76.42	o
11	7	6	1.19	-56.22	77.59	o
12	7	6	123.31	128.00	91.63	o
13	7	6	177.93	176.02	102.02	o
14	7	6	23.19	13.63	95.37	o
15	7	6	146.02	166.48	104.48	o
16	7	6	10.85	-35.23	121.08	o
17	7	6	11.17	100.71	123.90	o
0	8	6	573.63	579.35	132.52	o
1	8	6	577.75	606.40	93.42	o
2	8	6	142.09	142.41	79.80	o
3	8	6	60.57	8.96	100.15	o
4	8	6	17.38	123.96	99.94	o
5	8	6	179.87	244.66	113.74	o
6	8	6	8.06	93.26	102.58	o
7	8	6	284.68	323.49	117.08	o
8	8	6	31.39	16.17	117.82	o
9	8	6	64.82	79.76	105.85	o
10	8	6	10.54	19.26	83.89	o
11	8	6	111.66	114.94	121.04	o
12	8	6	39.77	33.30	99.90	o
13	8	6	67.95	-46.43	100.84	o
1	9	6	15.47	76.33	110.12	o
2	9	6	158.83	101.63	100.39	o
3	9	6	29.22	138.03	110.15	o
4	9	6	296.64	248.68	102.46	o
2	0	7	3862.02	3760.39	89.48	o
4	0	7	3579.98	3855.60	219.83	o
6	0	7	948.91	806.67	87.93	o
8	0	7	1088.58	1087.80	81.86	o
10	0	7	453.76	493.14	74.09	o
12	0	7	23.61	25.84	87.93	o
14	0	7	453.02	491.38	109.76	o
16	0	7	309.13	307.74	88.87	o
18	0	7	297.57	232.04	90.27	o
20	0	7	134.83	180.06	87.08	o
22	0	7	12.25	35.21	92.05	o
24	0	7	30.06	91.29	104.03	o
0	1	7	2680.22	2894.18	173.59	o
1	1	7	1298.08	1264.02	55.07	o
2	1	7	516.85	554.72	52.19	o
3	1	7	1016.81	1027.65	56.58	o
4	1	7	588.40	664.38	58.62	o
5	1	7	1007.03	1086.89	62.70	o
6	1	7	417.06	463.92	53.10	o
7	1	7	661.64	729.69	59.74	o
8	1	7	107.06	181.32	56.01	o
9	1	7	147.81	107.98	56.26	o
10	1	7	545.94	506.51	50.59	o
11	1	7	85.21	155.33	57.20	o
12	1	7	872.46	954.53	77.52	o
13	1	7	279.18	256.96	59.19	o
14	1	7	296.55	219.24	59.85	o

15	1	7	33.12	43.76	60.49	o
16	1	7	772.34	771.37	61.26	o
17	1	7	152.36	140.35	67.10	o
18	1	7	567.70	545.27	65.82	o
19	1	7	17.34	43.83	78.21	o
20	1	7	8.33	-11.45	67.10	o
21	1	7	96.38	34.02	68.67	o
22	1	7	86.48	77.66	71.05	o
23	1	7	70.98	65.35	82.53	o
24	1	7	56.81	68.31	76.32	o
25	1	7	0.46	21.25	71.13	o
1	2	7	906.51	928.53	54.75	o
2	2	7	189.48	168.48	50.48	o
3	2	7	804.83	876.07	60.40	o
4	2	7	0.53	97.59	53.46	o
5	2	7	1336.35	1407.46	73.24	o
6	2	7	119.31	122.18	58.83	o
7	2	7	1572.51	1635.91	77.76	o
8	2	7	223.98	319.91	59.56	o
9	2	7	875.36	871.66	53.56	o
10	2	7	88.66	120.60	60.26	o
11	2	7	18.70	47.09	54.76	o
12	2	7	190.20	165.52	65.56	o
13	2	7	893.91	967.83	66.57	o
14	2	7	37.36	33.76	68.05	o
15	2	7	694.82	763.87	62.85	o
16	2	7	143.36	134.92	69.81	o
17	2	7	26.94	51.12	63.54	o
18	2	7	140.67	121.22	69.35	o
19	2	7	776.01	735.06	72.73	o
20	2	7	232.93	180.64	73.99	o
21	2	7	302.72	226.39	76.64	o
22	2	7	83.13	107.48	73.34	o
23	2	7	70.08	75.08	77.91	o
24	2	7	10.08	21.81	81.76	o
25	2	7	132.18	135.63	81.03	o
0	3	7	1993.27	2024.04	112.29	o
1	3	7	850.57	896.81	59.15	o
2	3	7	516.95	456.97	54.87	o
3	3	7	41.44	55.99	55.92	o
4	3	7	247.83	234.52	53.66	o
5	3	7	541.52	562.89	61.05	o
6	3	7	146.00	194.00	54.35	o
7	3	7	1202.02	1184.82	86.67	o
8	3	7	70.43	107.05	61.58	o
9	3	7	2.17	-30.59	54.08	o
10	3	7	891.27	878.17	59.38	o
11	3	7	796.41	855.43	71.54	o
12	3	7	328.09	394.95	66.66	o
13	3	7	220.99	197.97	57.75	o
14	3	7	87.15	59.61	72.55	o
15	3	7	45.88	47.18	69.32	o
16	3	7	200.44	180.85	62.27	o
17	3	7	252.33	201.84	75.67	o
18	3	7	119.18	113.82	76.55	o
19	3	7	17.34	74.71	73.23	o
20	3	7	17.03	-19.94	89.28	o
21	3	7	98.88	95.11	82.66	o
22	3	7	37.18	67.14	76.56	o
23	3	7	40.41	31.16	78.77	o
24	3	7	89.45	56.99	73.28	o

1	4	7	2.19	26.49	53.47 o
2	4	7	935.14	1084.69	65.79 o
3	4	7	661.79	777.17	69.79 o
4	4	7	680.61	651.29	66.16 o
5	4	7	506.28	494.19	66.40 o
6	4	7	53.30	78.96	61.58 o
7	4	7	242.97	278.29	66.61 o
8	4	7	279.66	243.14	60.10 o
9	4	7	424.45	392.52	64.61 o
10	4	7	620.88	657.31	65.17 o
11	4	7	86.16	69.45	67.68 o
12	4	7	52.57	68.96	80.11 o
13	4	7	62.17	-1.07	68.50 o
14	4	7	234.55	187.07	77.35 o
15	4	7	75.81	56.27	71.30 o
16	4	7	14.67	23.08	63.04 o
17	4	7	4.38	-12.53	77.24 o
18	4	7	138.73	161.99	77.79 o
19	4	7	18.55	80.27	77.64 o
20	4	7	198.19	128.61	73.13 o
21	4	7	24.65	76.44	78.62 o
22	4	7	14.19	78.13	103.41 o
0	5	7	1750.75	1707.52	90.21 o
1	5	7	168.99	301.40	71.75 o
2	5	7	101.22	181.74	63.06 o
3	5	7	622.20	633.59	69.29 o
4	5	7	286.05	290.47	68.07 o
5	5	7	144.62	210.63	63.59 o
6	5	7	849.02	872.39	63.17 o
7	5	7	86.58	115.65	64.69 o
8	5	7	50.76	83.97	65.51 o
9	5	7	209.42	232.86	70.23 o
10	5	7	382.41	411.56	72.10 o
11	5	7	187.32	208.76	65.35 o
12	5	7	475.66	435.97	75.84 o
13	5	7	11.64	43.97	81.18 o
14	5	7	75.53	62.87	83.73 o
15	5	7	40.42	30.27	88.64 o
16	5	7	176.35	93.40	80.34 o
17	5	7	51.04	32.60	95.07 o
18	5	7	54.58	36.16	90.31 o
19	5	7	53.72	40.58	96.32 o
20	5	7	44.18	30.76	100.27 o
1	6	7	367.43	269.62	77.10 o
2	6	7	34.99	43.03	66.67 o
3	6	7	22.46	-15.85	71.45 o
4	6	7	240.57	201.81	72.47 o
5	6	7	151.88	228.37	71.42 o
6	6	7	482.65	468.24	71.60 o
7	6	7	162.08	150.06	68.62 o
8	6	7	577.20	494.54	79.63 o
9	6	7	162.93	190.92	79.58 o
10	6	7	119.08	79.20	70.84 o
11	6	7	1.57	-28.78	75.74 o
12	6	7	67.10	84.38	78.70 o
13	6	7	176.39	140.69	87.51 o
14	6	7	133.89	98.39	89.96 o
15	6	7	138.44	37.13	110.14 o
16	6	7	115.38	81.47	105.76 o
17	6	7	23.35	-60.81	121.36 o
18	6	7	29.16	32.23	123.86 o

0	7	7	74.31	59.77	107.55 o
1	7	7	129.36	97.96	68.14 o
2	7	7	128.95	93.71	81.05 o
3	7	7	25.39	69.35	75.78 o
4	7	7	57.67	48.21	82.52 o
5	7	7	98.08	59.40	69.72 o
6	7	7	192.10	160.43	74.30 o
7	7	7	87.97	44.23	84.34 o
8	7	7	122.68	48.61	74.27 o
9	7	7	55.38	89.19	92.00 o
10	7	7	1.11	17.10	80.73 o
11	7	7	286.22	195.03	88.25 o
12	7	7	78.06	16.92	88.92 o
13	7	7	32.55	9.16	89.88 o
14	7	7	29.05	34.42	82.29 o
1	8	7	92.46	140.09	84.89 o
2	8	7	88.02	105.87	91.28 o
3	8	7	476.08	432.56	86.44 o
4	8	7	26.85	50.39	90.96 o
5	8	7	207.73	173.65	108.16 o
6	8	7	91.13	116.25	91.87 o
7	8	7	41.83	30.83	101.82 o
8	8	7	77.10	58.02	87.63 o
0	0	8	1336.57	1190.16	95.31 o
2	0	8	500.14	509.36	73.01 o
4	0	8	535.60	477.54	74.46 o
6	0	8	1681.62	1563.14	115.93 o
8	0	8	411.32	443.14	94.91 o
10	0	8	491.40	530.55	78.57 o
12	0	8	1425.40	1506.13	122.22 o
14	0	8	136.33	100.13	81.72 o
16	0	8	45.92	36.30	120.74 o
18	0	8	20.74	14.06	94.85 o
20	0	8	60.04	72.69	101.92 o
22	0	8	15.17	92.18	108.13 o
1	1	8	671.29	663.00	58.07 o
2	1	8	493.62	496.93	61.06 o
3	1	8	785.96	752.37	53.98 o
4	1	8	563.17	510.94	57.77 o
5	1	8	283.64	262.16	58.02 o
6	1	8	781.83	688.48	59.86 o
7	1	8	115.69	186.27	56.32 o
8	1	8	1032.87	960.06	57.87 o
9	1	8	207.05	165.22	60.12 o
10	1	8	373.47	371.96	64.45 o
11	1	8	391.90	353.59	61.18 o
12	1	8	185.35	172.14	62.38 o
13	1	8	102.58	63.77	58.49 o
14	1	8	672.05	661.65	62.65 o
15	1	8	55.92	46.04	72.75 o
16	1	8	451.95	391.35	67.31 o
17	1	8	11.53	39.30	72.02 o
18	1	8	1.12	0.00	77.27 o
19	1	8	85.59	75.04	76.00 o
20	1	8	36.25	87.35	69.20 o
21	1	8	15.07	43.21	83.45 o
22	1	8	55.50	9.40	73.52 o
23	1	8	12.74	-3.87	78.80 o
0	2	8	456.44	430.02	83.68 o
1	2	8	82.21	90.81	58.03 o
2	2	8	209.26	200.37	57.79 o



3	2	8	118.43	138.31	53.52	o
4	2	8	197.18	190.44	61.91	o
5	2	8	90.83	101.78	53.59	o
6	2	8	68.42	26.39	49.85	o
7	2	8	777.69	729.86	59.60	o
8	2	8	19.65	24.19	59.49	o
9	2	8	206.16	198.50	60.49	o
10	2	8	461.91	424.91	69.39	o
11	2	8	1139.83	1220.68	67.51	o
12	2	8	692.19	602.14	67.35	o
13	2	8	119.17	163.09	61.29	o
14	2	8	125.78	129.58	63.29	o
15	2	8	163.40	160.86	71.81	o
16	2	8	34.76	-24.21	71.82	o
17	2	8	730.87	673.11	78.90	o
18	2	8	14.66	23.56	73.92	o
19	2	8	65.20	100.86	82.10	o
20	2	8	29.60	34.25	79.60	o
21	2	8	48.02	32.96	80.26	o
22	2	8	1.00	23.72	77.64	o
1	3	8	630.06	669.03	60.56	o
2	3	8	74.76	95.56	68.41	o
3	3	8	982.86	871.56	59.53	o
4	3	8	563.03	554.61	61.86	o
5	3	8	298.70	319.06	62.13	o
6	3	8	109.78	70.45	61.06	o
7	3	8	426.09	359.52	61.56	o
8	3	8	186.42	174.38	62.08	o
9	3	8	336.03	386.36	63.76	o
10	3	8	35.99	18.77	58.52	o
11	3	8	92.81	80.89	59.38	o
12	3	8	46.98	31.20	60.06	o
13	3	8	128.40	145.48	67.35	o
14	3	8	347.32	329.16	72.75	o
15	3	8	241.01	253.00	72.47	o
16	3	8	20.97	-7.88	73.58	o
17	3	8	11.07	9.53	81.54	o
18	3	8	94.88	55.44	79.65	o
19	3	8	228.62	145.68	72.95	o
20	3	8	83.24	31.49	76.91	o
21	3	8	79.72	30.84	85.47	o
0	4	8	1887.77	1839.29	115.36	o
1	4	8	195.68	195.48	57.37	o
2	4	8	658.85	684.87	68.67	o
3	4	8	22.18	-15.35	67.62	o
4	4	8	18.75	35.08	58.01	o
5	4	8	288.71	274.81	63.57	o
6	4	8	1008.37	1104.44	68.82	o
7	4	8	390.14	381.86	70.99	o
8	4	8	447.82	425.20	72.68	o
9	4	8	3.49	89.55	67.47	o
10	4	8	12.27	23.72	72.28	o
11	4	8	149.73	164.35	69.34	o
12	4	8	45.90	83.19	66.00	o
13	4	8	33.09	91.11	70.78	o
14	4	8	146.21	78.03	62.18	o
15	4	8	15.74	17.38	73.88	o
16	4	8	249.45	186.94	75.13	o
17	4	8	76.38	45.30	82.71	o
18	4	8	37.28	19.26	79.82	o
19	4	8	48.52	32.77	77.92	o

20	4	8	147.78	88.34	83.43	o
1	5	8	207.82	189.17	67.77	o
2	5	8	657.80	742.64	69.42	o
3	5	8	114.58	225.76	76.38	o
4	5	8	976.06	1020.39	79.29	o
5	5	8	191.29	197.00	73.18	o
6	5	8	53.82	13.48	73.65	o
7	5	8	262.16	304.72	70.35	o
8	5	8	78.06	76.90	63.20	o
9	5	8	14.68	39.95	71.99	o
10	5	8	13.40	-38.19	72.10	o
11	5	8	123.86	94.32	77.79	o
12	5	8	35.43	42.13	69.82	o
13	5	8	27.63	48.31	86.10	o
14	5	8	184.15	149.70	86.51	o
15	5	8	11.64	40.66	77.78	o
16	5	8	4.88	-44.67	72.95	o
17	5	8	61.30	53.35	90.87	o
0	6	8	604.09	535.90	137.02	o
1	6	8	28.36	30.45	68.33	o
2	6	8	185.88	192.00	76.20	o
3	6	8	126.74	63.01	76.24	o
4	6	8	57.02	40.38	82.00	o
5	6	8	213.97	167.12	77.10	o
6	6	8	124.13	105.31	77.61	o
7	6	8	22.34	46.14	78.56	o
8	6	8	12.53	10.48	80.45	o
9	6	8	124.83	133.53	80.07	o
10	6	8	158.89	93.88	81.34	o
11	6	8	104.28	60.04	81.48	o
12	6	8	52.03	52.23	84.74	o
13	6	8	15.76	55.46	76.61	o
14	6	8	49.85	58.87	83.59	o
1	7	8	112.55	130.04	87.29	o
2	7	8	138.03	147.34	81.55	o
3	7	8	205.56	215.64	82.34	o
4	7	8	259.50	227.24	71.54	o
5	7	8	48.59	39.29	78.87	o
6	7	8	56.06	59.73	84.32	o
7	7	8	117.36	62.53	76.14	o
8	7	8	29.07	28.18	85.93	o
9	7	8	140.85	125.37	81.59	o
2	0	9	899.45	770.41	82.89	o
4	0	9	287.72	354.42	99.46	o
6	0	9	150.47	132.30	97.50	o
8	0	9	649.12	626.70	102.80	o
10	0	9	1401.09	1588.59	109.27	o
12	0	9	58.49	70.28	95.01	o
14	0	9	265.67	189.32	82.89	o
16	0	9	25.70	-17.04	93.14	o
18	0	9	42.28	81.63	118.66	o
20	0	9	106.41	66.61	124.50	o
0	1	9	199.56	215.73	97.60	o
1	1	9	351.48	370.85	61.53	o
2	1	9	178.03	184.10	54.52	o
3	1	9	110.24	77.64	64.38	o
4	1	9	299.50	261.76	65.88	o
5	1	9	306.19	222.00	62.97	o
6	1	9	466.80	413.00	61.10	o
7	1	9	575.67	532.83	64.98	o
8	1	9	107.71	74.03	67.26	o

9	1	9	0.03	22.92	67.02 o
10	1	9	758.53	794.41	73.97 o
11	1	9	122.12	94.55	65.71 o
12	1	9	826.05	736.77	66.02 o
13	1	9	8.78	17.52	68.07 o
14	1	9	114.06	79.52	72.74 o
15	1	9	60.69	50.12	65.34 o
16	1	9	32.67	22.67	68.96 o
17	1	9	45.39	32.21	70.49 o
18	1	9	64.25	63.92	75.98 o
19	1	9	6.24	-31.04	69.87 o
20	1	9	21.56	-26.32	83.30 o
1	2	9	464.99	384.47	63.10 o
2	2	9	178.70	158.64	62.59 o
3	2	9	316.86	329.89	64.32 o
4	2	9	243.09	216.69	66.23 o
5	2	9	415.70	339.05	60.37 o
6	2	9	239.46	251.17	64.18 o
7	2	9	194.56	179.00	59.10 o
8	2	9	425.65	430.10	66.20 o
9	2	9	209.62	258.77	69.43 o
10	2	9	115.94	73.69	60.63 o
11	2	9	2.03	46.23	71.03 o
12	2	9	59.15	3.30	67.54 o
13	2	9	627.45	589.18	75.61 o
14	2	9	2.11	-4.89	70.44 o
15	2	9	344.14	321.16	63.08 o
16	2	9	223.20	168.20	69.98 o
17	2	9	20.82	26.64	67.87 o
18	2	9	92.45	86.82	74.28 o
19	2	9	81.00	35.22	89.62 o
0	3	9	143.94	222.03	105.40 o
1	3	9	245.81	268.09	69.47 o
2	3	9	25.63	47.15	65.16 o
3	3	9	0.85	55.09	64.55 o
4	3	9	62.57	23.59	64.57 o
5	3	9	274.45	294.19	63.02 o
6	3	9	12.68	20.92	66.08 o
7	3	9	451.29	498.69	68.98 o
8	3	9	68.68	48.24	71.56 o
9	3	9	8.95	-6.59	76.35 o
10	3	9	64.66	59.29	66.30 o
11	3	9	319.94	315.28	65.19 o
12	3	9	42.61	67.51	65.49 o
13	3	9	73.87	39.00	77.99 o
14	3	9	68.68	77.79	74.14 o
15	3	9	134.02	52.44	69.64 o
16	3	9	318.34	204.16	75.07 o
17	3	9	138.08	137.87	81.08 o
18	3	9	242.04	77.77	77.73 o
1	4	9	147.42	142.39	65.17 o
2	4	9	711.30	642.74	71.48 o
3	4	9	323.58	263.84	60.74 o
4	4	9	738.65	687.18	66.02 o
5	4	9	46.56	85.85	67.50 o
6	4	9	113.81	36.35	69.84 o
7	4	9	41.74	38.47	68.07 o
8	4	9	53.81	56.05	68.93 o
9	4	9	42.59	19.16	70.00 o
10	4	9	58.13	53.41	70.34 o
11	4	9	28.48	33.49	80.24 o

12	4	9	10.04	24.29	76.40	o
13	4	9	41.48	36.94	77.79	o
14	4	9	118.22	106.11	79.02	o
15	4	9	47.31	40.69	75.90	o
16	4	9	134.60	46.78	87.34	o
0	5	9	643.05	579.97	101.00	o
1	5	9	65.44	43.19	73.67	o
2	5	9	301.94	313.99	84.11	o
3	5	9	138.27	64.60	84.27	o
4	5	9	169.09	97.28	71.32	o
5	5	9	61.81	35.23	76.32	o
6	5	9	279.49	304.77	76.60	o
7	5	9	20.73	-27.95	72.76	o
8	5	9	24.94	13.32	80.89	o
9	5	9	0.01	39.81	77.13	o
10	5	9	12.29	-3.97	83.11	o
11	5	9	106.99	30.03	79.97	o
12	5	9	64.44	53.24	85.95	o
13	5	9	7.46	-14.97	87.04	o
1	6	9	34.18	62.42	96.33	o
2	6	9	251.67	175.21	95.27	o
3	6	9	29.78	43.14	78.64	o
4	6	9	105.57	71.23	78.92	o
5	6	9	90.28	100.15	75.43	o
6	6	9	5.93	17.78	79.41	o
7	6	9	46.67	-8.82	91.36	o
8	6	9	14.17	-5.32	81.90	o
9	6	9	59.78	48.72	100.20	o
0	0	10	575.11	724.01	153.65	o
2	0	10	182.15	189.53	86.94	o
4	0	10	219.10	250.51	106.33	o
6	0	10	941.60	788.66	90.51	o
8	0	10	81.40	51.88	108.87	o
10	0	10	68.80	93.34	111.21	o
12	0	10	36.45	38.01	93.69	o
14	0	10	144.91	182.20	109.32	o
16	0	10	55.22	61.26	114.39	o
1	1	10	259.33	318.91	75.95	o
2	1	10	375.82	352.93	68.47	o
3	1	10	504.59	462.88	69.70	o
4	1	10	326.17	282.95	68.82	o
5	1	10	45.96	39.38	61.31	o
6	1	10	69.66	71.31	59.45	o
7	1	10	48.45	60.58	60.70	o
8	1	10	249.20	182.94	67.14	o
9	1	10	56.98	47.40	73.89	o
10	1	10	184.14	183.51	75.67	o
11	1	10	91.21	68.15	72.56	o
12	1	10	42.44	-26.86	73.54	o
13	1	10	82.82	66.56	74.64	o
14	1	10	125.03	100.83	75.70	o
15	1	10	4.29	34.89	73.97	o
16	1	10	24.22	54.52	88.66	o
0	2	10	51.56	53.20	87.25	o
1	2	10	158.49	151.61	64.37	o
2	2	10	94.42	68.23	67.54	o
3	2	10	3.05	-15.67	68.02	o
4	2	10	18.47	-6.75	66.50	o
5	2	10	288.29	300.79	73.85	o
6	2	10	36.70	54.07	66.56	o
7	2	10	189.63	163.44	71.37	o

8	2	10	67.18	76.79	67.70 o
9	2	10	454.00	357.99	66.60 o
10	2	10	97.85	51.92	66.24 o
11	2	10	149.90	119.53	83.65 o
12	2	10	63.10	27.88	70.76 o
13	2	10	49.06	47.55	76.62 o
14	2	10	46.02	54.72	69.88 o
15	2	10	56.69	61.03	71.13 o
1	3	10	124.78	127.09	69.97 o
2	3	10	26.11	34.75	73.46 o
3	3	10	334.54	282.42	68.60 o
4	3	10	7.09	-15.00	77.02 o
5	3	10	46.00	104.51	80.87 o
6	3	10	108.14	69.08	73.28 o
7	3	10	46.96	54.63	76.33 o
8	3	10	87.57	69.43	67.79 o
9	3	10	109.31	68.79	75.77 o
10	3	10	3.67	24.48	66.86 o
11	3	10	7.35	-12.55	78.15 o
12	3	10	69.57	41.66	71.90 o
13	3	10	60.79	99.77	81.16 o
0	4	10	265.78	161.93	96.98 o
1	4	10	89.26	105.50	75.16 o
2	4	10	204.58	145.19	82.86 o
3	4	10	7.07	25.69	75.80 o
4	4	10	76.94	58.29	68.66 o
5	4	10	26.61	42.16	84.04 o
6	4	10	305.63	243.25	83.82 o
7	4	10	103.47	48.08	79.23 o
8	4	10	25.14	-13.74	81.64 o
9	4	10	63.49	-5.15	72.97 o
10	4	10	73.00	58.16	77.57 o
11	4	10	51.42	85.35	78.87 o
1	5	10	49.86	93.46	85.86 o
2	5	10	132.98	30.73	81.82 o
3	5	10	44.61	-1.80	85.71 o
4	5	10	52.33	66.26	94.97 o
5	5	10	2.94	30.15	77.79 o
6	5	10	22.59	24.00	80.21 o
2	0	11	448.54	371.64	98.78 o
4	0	11	270.85	231.33	119.26 o
6	0	11	80.85	7.19	97.59 o
8	0	11	56.28	40.00	107.85 o
10	0	11	184.13	158.84	110.59 o
0	1	11	152.82	186.59	97.84 o
1	1	11	149.05	167.46	75.63 o
2	1	11	183.86	144.16	83.71 o
3	1	11	16.77	32.56	83.19 o
4	1	11	6.41	-0.48	75.11 o
5	1	11	101.23	83.58	75.95 o
6	1	11	170.41	134.09	85.62 o
7	1	11	33.48	79.15	73.28 o
8	1	11	30.00	-4.60	71.22 o
9	1	11	10.08	-11.89	82.16 o
10	1	11	37.06	63.49	78.63 o
1	2	11	40.59	44.99	71.60 o
2	2	11	20.73	18.59	75.98 o
3	2	11	95.46	73.59	73.71 o
4	2	11	141.46	66.10	71.30 o
5	2	11	55.42	32.58	78.28 o
6	2	11	56.19	53.41	88.52 o

7	2	11	83.39	39.66	79.79 o
8	2	11	20.90	23.24	80.65 o
0	3	11	90.20	64.10	103.41 o
1	3	11	88.28	71.89	87.03 o
2	3	11	45.43	33.35	89.70 o
3	3	11	29.76	16.51	76.38 o
4	3	11	50.48	97.83	80.05 o
5	3	11	165.43	93.24	75.62 o