

Worklife Expectancies and Standard Deviations for Railroad Workers Using Four Decrement, Markov, and 3 Decrement Models Using Data from the 23rd Actuarial Valuation

Age	Service Years	4 Decrement Competing Risks Model				Markov Model				3 Decrement Competing Risks Model			
		WLE	SD	25%	75%	WLE	SD	25%	75%	WLE	SD	25%	75%
17	0	15.71	16.49	1.5	32.5	36.70	7.00	33.5	41.5	38.15	8.82	34.5	43.5
18	0	15.51	16.16	1.5	31.5	36.20	6.87	33.5	40.5	37.30	8.58	33.5	42.5
18	1	18.16	16.41	2.5	36.5	36.20	6.87	33.5	40.5	37.22	8.67	33.5	42.5
19	0	15.30	15.83	1.5	31.5	35.65	6.73	32.5	40.5	36.45	8.35	32.5	41.5
19	1	17.90	16.06	2.5	35.5	35.65	6.73	32.5	40.5	36.37	8.44	32.5	41.5
19	2	19.91	15.97	4.5	37.5	35.65	6.73	32.5	40.5	36.30	8.53	32.5	41.5
20	0	15.08	15.50	1.5	31.5	35.02	6.60	32.5	39.5	35.59	8.12	32.5	40.5
20	1	17.64	15.70	2.5	35.5	35.02	6.60	32.5	39.5	35.52	8.21	31.5	40.5
20	2	19.62	15.61	4.5	36.5	35.02	6.60	32.5	39.5	35.44	8.30	31.5	40.5
20	3	20.74	15.50	5.5	38.5	35.02	6.60	32.5	39.5	35.36	8.39	31.5	40.5
21	0	14.86	15.16	1.5	30.5	34.31	6.47	31.5	38.5	34.74	7.89	31.5	39.5
21	1	17.38	15.35	2.5	34.5	34.31	6.47	31.5	38.5	34.66	7.98	31.5	39.5
21	2	19.32	15.24	4.5	36.5	34.31	6.47	31.5	38.5	34.58	8.07	31.5	39.5
21	3	20.42	15.13	5.5	37.5	34.31	6.47	31.5	38.5	34.51	8.16	30.5	39.5
21	4	21.24	15.02	5.5	38.5	34.31	6.47	31.5	38.5	34.43	8.26	30.5	39.5
22	0	14.65	14.82	1.5	30.5	33.56	6.35	30.5	38.5	33.89	7.67	30.5	38.5
22	1	17.11	14.98	2.5	33.5	33.56	6.35	30.5	38.5	33.81	7.75	30.5	38.5
22	2	19.01	14.87	4.5	35.5	33.56	6.35	30.5	38.5	33.73	7.84	30.5	38.5
22	3	20.09	14.75	5.5	36.5	33.56	6.35	30.5	38.5	33.65	7.94	30.5	38.5
22	4	20.89	14.64	5.5	37.5	33.56	6.35	30.5	38.5	33.57	8.03	30.5	38.5
22	5	21.56	14.52	6.5	37.5	33.56	6.35	30.5	38.5	33.50	8.13	29.5	38.5
23	0	14.57	14.50	1.5	30.5	32.76	6.24	30.5	37.5	33.03	7.45	29.5	37.5
23	1	16.85	14.62	2.5	33.5	32.76	6.24	30.5	37.5	32.95	7.53	29.5	37.5
23	2	18.70	14.49	4.5	35.5	32.76	6.24	30.5	37.5	32.87	7.62	29.5	37.5
23	3	19.76	14.37	5.5	36.5	32.76	6.24	30.5	37.5	32.79	7.71	29.5	37.5
23	4	20.54	14.26	5.5	36.5	32.76	6.24	30.5	37.5	32.71	7.81	29.5	37.5
23	5	21.19	14.13	6.5	36.5	32.76	6.24	30.5	37.5	32.64	7.90	29.5	37.5
23	6	21.75	14.01	7.5	36.5	32.76	6.24	30.5	37.5	32.56	8.00	29.5	37.5
24	0	15.24	14.17	2.5	30.5	31.93	6.12	29.5	36.5	32.18	7.23	28.5	36.5
24	1	16.75	14.24	2.5	32.5	31.93	6.12	29.5	36.5	32.10	7.32	28.5	36.5
24	2	18.40	14.11	4.5	34.5	31.93	6.12	29.5	36.5	32.01	7.40	28.5	36.5
24	3	19.42	13.98	5.5	35.5	31.93	6.12	29.5	36.5	31.93	7.49	28.5	36.5
24	4	20.19	13.87	5.5	35.5	31.93	6.12	29.5	36.5	31.85	7.59	28.5	36.5
24	5	20.82	13.75	6.5	35.5	31.93	6.12	29.5	36.5	31.78	7.68	28.5	36.5
24	6	21.36	13.62	7.5	35.5	31.93	6.12	29.5	36.5	31.70	7.78	28.5	36.5
24	7	21.83	13.50	7.5	35.5	31.93	6.12	29.5	36.5	31.62	7.89	28.5	36.5
25	0	15.40	13.80	2.5	30.5	31.08	6.02	28.5	35.5	31.33	7.02	28.5	35.5
25	1	16.98	13.80	3.5	32.5	31.08	6.02	28.5	35.5	31.24	7.10	27.5	35.5
25	2	18.18	13.71	4.5	33.5	31.08	6.02	28.5	35.5	31.16	7.19	27.5	35.5
25	3	19.09	13.60	5.5	34.5	31.08	6.02	28.5	35.5	31.08	7.28	27.5	35.5
25	4	19.82	13.48	5.5	34.5	31.08	6.02	28.5	35.5	30.99	7.37	27.5	35.5
25	5	20.44	13.36	6.5	34.5	31.08	6.02	28.5	35.5	30.91	7.47	27.5	35.5
25	6	20.97	13.23	7.5	34.5	31.08	6.02	28.5	35.5	30.84	7.57	27.5	35.5
25	7	21.42	13.11	7.5	34.5	31.08	6.02	28.5	35.5	30.76	7.67	27.5	35.5
25	8	21.82	12.98	8.5	34.5	31.08	6.02	28.5	35.5	30.68	7.77	27.5	35.5

26	0	15.16	13.45	2.5	30.5	30.22	5.92	27.5	34.5	30.48	6.82	27.5	34.5
26	1	16.69	13.43	3.5	31.5	30.22	5.92	27.5	34.5	30.39	6.90	27.5	34.5
26	2	17.87	13.33	4.5	33.5	30.22	5.92	27.5	34.5	30.30	6.98	26.5	34.5
26	3	18.75	13.21	5.5	33.5	30.22	5.92	27.5	34.5	30.22	7.07	26.5	34.5
26	4	19.46	13.08	5.5	33.5	30.22	5.92	27.5	34.5	30.14	7.16	26.5	34.5
26	5	20.05	12.96	6.5	33.5	30.22	5.92	27.5	34.5	30.05	7.25	26.5	34.5
26	6	20.57	12.83	7.5	33.5	30.22	5.92	27.5	34.5	29.97	7.35	26.5	34.5
26	7	21.01	12.71	7.5	33.5	30.22	5.92	27.5	34.5	29.90	7.45	26.5	34.5
26	8	21.40	12.59	8.5	33.5	30.22	5.92	27.5	34.5	29.82	7.56	26.5	34.5
26	9	21.74	12.46	9.5	33.5	30.22	5.92	27.5	34.5	29.74	7.66	26.5	34.5
27	0	14.92	13.10	2.5	29.5	30.17	6.17	27.5	34.5	29.62	6.63	26.5	33.5
27	1	16.41	13.06	3.5	31.5	29.35	5.81	26.5	33.5	29.53	6.70	26.5	33.5
27	2	17.56	12.94	4.5	32.5	29.35	5.81	26.5	33.5	29.45	6.77	26.5	33.5
27	3	18.41	12.82	5.5	32.5	29.35	5.81	26.5	33.5	29.36	6.86	25.5	33.5
27	4	19.10	12.69	5.5	32.5	29.35	5.81	26.5	33.5	29.28	6.95	25.5	33.5
27	5	19.67	12.56	6.5	32.5	29.35	5.81	26.5	33.5	29.19	7.04	25.5	33.5
27	6	20.15	12.43	7.5	32.5	29.35	5.81	26.5	33.5	29.11	7.14	25.5	33.5
27	7	20.59	12.31	7.5	32.5	29.35	5.81	26.5	33.5	29.03	7.24	25.5	33.5
27	8	20.96	12.19	8.5	32.5	29.35	5.81	26.5	33.5	28.96	7.34	25.5	33.5
27	9	21.30	12.07	9.5	32.5	29.35	5.81	26.5	33.5	28.88	7.45	25.5	33.5
27	10	21.60	11.94	10.5	32.5	29.35	5.81	26.5	33.5	28.80	7.56	25.5	33.5
28	0	14.68	12.75	2.5	29.5	29.88	6.33	26.5	34.5	28.77	6.44	26.5	32.5
28	1	16.14	12.69	3.5	30.5	29.31	6.07	26.5	33.5	28.68	6.50	25.5	32.5
28	2	17.25	12.56	4.5	31.5	28.49	5.71	25.5	32.5	28.59	6.58	25.5	32.5
28	3	18.07	12.42	5.5	31.5	28.49	5.71	25.5	32.5	28.50	6.66	25.5	32.5
28	4	18.73	12.28	5.5	31.5	28.49	5.71	25.5	32.5	28.42	6.74	25.5	32.5
28	5	19.29	12.15	6.5	31.5	28.49	5.71	25.5	32.5	28.33	6.83	24.5	32.5
28	6	19.75	12.03	7.5	31.5	28.49	5.71	25.5	32.5	28.25	6.93	24.5	32.5
28	7	20.15	11.91	7.5	31.5	28.49	5.71	25.5	32.5	28.17	7.03	24.5	32.5
28	8	20.52	11.79	8.5	31.5	28.49	5.71	25.5	32.5	28.09	7.13	24.5	32.5
28	9	20.85	11.67	9.5	31.5	28.49	5.71	25.5	32.5	28.01	7.24	24.5	32.5
28	10	21.14	11.54	10.5	31.5	28.49	5.71	25.5	32.5	27.93	7.35	24.5	32.5
28	11	21.41	11.41	11.5	31.5	28.49	5.71	25.5	32.5	27.86	7.46	24.5	32.5
29	0	14.44	12.39	2.5	28.5	29.39	6.46	26.5	33.5	27.91	6.26	25.5	31.5
29	1	15.86	12.32	3.5	30.5	29.00	6.23	25.5	33.5	27.83	6.32	25.5	31.5
29	2	16.94	12.18	4.5	30.5	28.43	5.98	25.5	32.5	27.74	6.39	24.5	31.5
29	3	17.73	12.03	5.5	30.5	27.60	5.61	25.5	31.5	27.65	6.46	24.5	31.5
29	4	18.37	11.88	5.5	30.5	27.60	5.61	25.5	31.5	27.56	6.54	24.5	31.5
29	5	18.90	11.75	6.5	30.5	27.60	5.61	25.5	31.5	27.48	6.63	24.5	31.5
29	6	19.35	11.62	7.5	30.5	27.60	5.61	25.5	31.5	27.39	6.73	23.5	31.5
29	7	19.74	11.50	8.5	30.5	27.60	5.61	25.5	31.5	27.31	6.82	23.5	31.5
29	8	20.07	11.38	8.5	30.5	27.60	5.61	25.5	31.5	27.23	6.93	23.5	31.5
29	9	20.39	11.27	9.5	30.5	27.60	5.61	25.5	31.5	27.15	7.03	23.5	31.5
29	10	20.67	11.14	10.5	30.5	27.60	5.61	25.5	31.5	27.07	7.14	23.5	31.5
29	11	20.94	11.02	11.5	30.5	27.60	5.61	25.5	31.5	26.99	7.25	23.5	31.5
29	12	21.17	10.89	11.5	30.5	27.60	5.61	25.5	31.5	26.91	7.37	23.5	31.5
30	0	14.21	12.03	2.5	28.5	28.81	6.58	25.5	33.5	27.05	6.09	24.5	30.5
30	1	15.59	11.95	3.5	29.5	28.49	6.37	25.5	33.5	26.97	6.14	24.5	30.5
30	2	16.63	11.80	4.5	29.5	28.10	6.14	25.5	32.5	26.88	6.20	24.5	30.5
30	3	17.40	11.64	5.5	29.5	27.53	5.88	24.5	31.5	26.79	6.27	23.5	30.5
30	4	18.01	11.48	6.5	29.5	26.71	5.52	24.5	30.5	26.70	6.35	23.5	30.5
30	5	18.51	11.34	6.5	29.5	26.71	5.52	24.5	30.5	26.62	6.44	23.5	30.5

30	6	18.94	11.21	7.5	29.5	26.71	5.52	24.5	30.5	26.53	6.53	23.5	30.5
30	7	19.31	11.09	8.5	29.5	26.71	5.52	24.5	30.5	26.44	6.62	22.5	30.5
30	8	19.63	10.97	9.5	29.5	26.71	5.52	24.5	30.5	26.36	6.72	22.5	30.5
30	9	19.92	10.86	10.5	29.5	26.71	5.52	24.5	30.5	26.28	6.83	22.5	30.5
30	10	20.20	10.74	10.5	29.5	26.71	5.52	24.5	30.5	26.20	6.94	22.5	30.5
30	11	20.45	10.62	11.5	29.5	26.71	5.52	24.5	30.5	26.12	7.05	22.5	30.5
30	12	20.68	10.49	11.5	29.5	26.71	5.52	24.5	30.5	26.04	7.16	22.5	30.5
30	13	20.88	10.37	12.5	29.5	26.71	5.52	24.5	30.5	25.97	7.28	22.5	30.5
31	0	14.31	12.09	2.5	27.5	28.22	6.74	24.5	32.5	26.97	6.47	24.5	30.5
31	1	15.33	11.56	3.5	28.5	27.92	6.50	24.5	32.5	26.10	5.97	23.5	29.5
31	2	16.32	11.40	4.5	28.5	27.60	6.28	24.5	32.5	26.02	6.03	23.5	29.5
31	3	17.06	11.24	5.5	28.5	27.21	6.05	24.5	31.5	25.93	6.10	23.5	29.5
31	4	17.65	11.08	6.5	28.5	26.64	5.79	23.5	30.5	25.85	6.17	22.5	29.5
31	5	18.12	10.93	7.5	28.5	25.81	5.42	23.5	29.5	25.76	6.24	22.5	29.5
31	6	18.53	10.79	7.5	28.5	25.81	5.42	23.5	29.5	25.67	6.33	22.5	29.5
31	7	18.88	10.67	8.5	28.5	25.81	5.42	23.5	29.5	25.58	6.43	22.5	29.5
31	8	19.19	10.55	9.5	28.5	25.81	5.42	23.5	29.5	25.50	6.53	22.5	29.5
31	9	19.46	10.44	10.5	28.5	25.81	5.42	23.5	29.5	25.41	6.63	21.5	29.5
31	10	19.71	10.33	10.5	28.5	25.81	5.42	23.5	29.5	25.33	6.74	21.5	29.5
31	11	19.96	10.21	11.5	28.5	25.81	5.42	23.5	29.5	25.25	6.85	21.5	29.5
31	12	20.17	10.09	11.5	28.5	25.81	5.42	23.5	29.5	25.17	6.96	21.5	29.5
31	13	20.37	9.97	12.5	28.5	25.81	5.42	23.5	29.5	25.10	7.08	21.5	29.5
31	14	20.53	9.86	12.5	28.5	25.81	5.42	23.5	29.5	25.02	7.19	21.5	29.5
32	0	14.39	12.05	2.5	27.5	27.36	6.68	23.5	32.5	26.71	6.74	23.5	30.5
32	1	15.44	11.61	3.5	28.5	27.33	6.65	23.5	32.5	26.03	6.36	23.5	29.5
32	2	16.03	11.00	4.5	27.5	27.03	6.41	23.5	31.5	25.15	5.87	22.5	28.5
32	3	16.73	10.83	5.5	27.5	26.71	6.19	23.5	31.5	25.07	5.93	22.5	28.5
32	4	17.28	10.68	6.5	27.5	26.32	5.96	23.5	30.5	24.99	5.99	22.5	28.5
32	5	17.74	10.52	7.5	27.5	25.75	5.70	22.5	29.5	24.90	6.06	21.5	28.5
32	6	18.12	10.38	7.5	27.5	24.92	5.33	22.5	28.5	24.81	6.14	21.5	28.5
32	7	18.45	10.25	8.5	27.5	24.92	5.33	22.5	28.5	24.72	6.23	21.5	28.5
32	8	18.73	10.13	9.5	27.5	24.92	5.33	22.5	28.5	24.64	6.33	21.5	28.5
32	9	19.00	10.02	10.5	27.5	24.92	5.33	22.5	28.5	24.55	6.43	21.5	28.5
32	10	19.23	9.91	10.5	27.5	24.92	5.33	22.5	28.5	24.47	6.54	21.5	28.5
32	11	19.44	9.81	11.5	27.5	24.92	5.33	22.5	28.5	24.38	6.65	20.5	28.5
32	12	19.66	9.69	11.5	27.5	24.92	5.33	22.5	28.5	24.30	6.76	20.5	28.5
32	13	19.85	9.57	12.5	27.5	24.92	5.33	22.5	28.5	24.22	6.88	20.5	28.5
32	14	20.00	9.47	12.5	28.5	24.92	5.33	22.5	28.5	24.15	6.99	20.5	28.5
32	15	20.13	9.37	12.5	28.5	24.92	5.33	22.5	28.5	24.07	7.11	20.5	28.5
33	0	14.32	11.85	2.5	26.5	26.50	6.61	22.5	31.5	26.16	6.84	22.5	30.5
33	1	15.53	11.54	3.5	28.5	26.48	6.59	22.5	31.5	25.76	6.64	22.5	29.5
33	2	16.16	11.03	4.5	27.5	26.45	6.56	22.5	31.5	25.08	6.26	22.5	28.5
33	3	16.41	10.41	5.5	26.5	26.15	6.32	22.5	30.5	24.21	5.76	21.5	27.5
33	4	16.93	10.25	6.5	26.5	25.83	6.10	22.5	30.5	24.12	5.82	21.5	27.5
33	5	17.36	10.11	7.5	26.5	25.44	5.87	22.5	29.5	24.04	5.89	21.5	27.5
33	6	17.72	9.96	8.5	26.5	24.86	5.61	22.5	28.5	23.95	5.97	21.5	27.5
33	7	18.02	9.83	8.5	26.5	24.04	5.23	21.5	27.5	23.86	6.05	20.5	27.5
33	8	18.28	9.70	9.5	26.5	24.04	5.23	21.5	27.5	23.77	6.14	20.5	27.5
33	9	18.53	9.60	10.5	26.5	24.04	5.23	21.5	27.5	23.69	6.24	20.5	27.5
33	10	18.75	9.49	10.5	26.5	24.04	5.23	21.5	27.5	23.60	6.34	20.5	27.5
33	11	18.95	9.38	11.5	26.5	24.04	5.23	21.5	27.5	23.52	6.45	20.5	27.5
33	12	19.13	9.28	11.5	27.5	24.04	5.23	21.5	27.5	23.43	6.56	20.5	27.5

33	13	19.32	9.17	12.5	27.5	24.04	5.23	21.5	27.5	23.35	6.68	19.5	27.5
33	14	19.47	9.07	12.5	27.5	24.04	5.23	21.5	27.5	23.27	6.80	19.5	27.5
33	15	19.59	8.98	12.5	27.5	24.04	5.23	21.5	27.5	23.20	6.92	19.5	27.5
33	16	19.68	8.90	13.5	27.5	24.04	5.23	21.5	27.5	23.12	7.04	19.5	27.5
34	0	14.12	11.64	2.5	26.5	25.39	6.61	21.5	30.5	25.55	6.92	22.5	30.5
34	1	15.46	11.32	3.5	27.5	25.61	6.53	21.5	30.5	25.22	6.74	21.5	29.5
34	2	16.26	10.94	5.5	27.5	25.59	6.51	21.5	30.5	24.82	6.55	21.5	28.5
34	3	16.55	10.43	5.5	26.5	25.56	6.48	21.5	30.5	24.13	6.17	21.5	27.5
34	4	16.59	9.81	6.5	25.5	25.26	6.23	21.5	29.5	23.26	5.67	20.5	26.5
34	5	16.98	9.67	7.5	25.5	24.94	6.01	21.5	29.5	23.17	5.73	20.5	26.5
34	6	17.31	9.54	8.5	25.5	24.54	5.78	21.5	28.5	23.09	5.80	20.5	26.5
34	7	17.60	9.40	8.5	25.5	23.97	5.51	21.5	27.5	23.00	5.88	20.5	26.5
34	8	17.84	9.28	9.5	25.5	23.14	5.13	20.5	26.5	22.91	5.96	19.5	26.5
34	9	18.05	9.16	10.5	25.5	23.14	5.13	20.5	26.5	22.82	6.05	19.5	26.5
34	10	18.26	9.06	10.5	26.5	23.14	5.13	20.5	26.5	22.73	6.15	19.5	26.5
34	11	18.45	8.96	11.5	26.5	23.14	5.13	20.5	26.5	22.65	6.26	19.5	26.5
34	12	18.62	8.86	11.5	26.5	23.14	5.13	20.5	26.5	22.56	6.37	19.5	26.5
34	13	18.77	8.76	11.5	26.5	23.14	5.13	20.5	26.5	22.48	6.49	19.5	26.5
34	14	18.92	8.66	12.5	26.5	23.14	5.13	20.5	26.5	22.40	6.60	19.5	26.5
34	15	19.04	8.58	12.5	26.5	23.14	5.13	20.5	26.5	22.32	6.72	18.5	26.5
34	16	19.12	8.51	12.5	26.5	23.14	5.13	20.5	26.5	22.24	6.85	18.5	26.5
34	17	19.17	8.46	12.5	26.5	23.14	5.13	20.5	26.5	22.17	6.97	18.5	26.5
35	0	13.68	11.46	2.5	25.5	24.49	6.53	20.5	29.5	24.92	7.01	21.5	29.5
35	1	15.21	11.11	3.5	26.5	24.71	6.45	21.5	29.5	24.60	6.82	21.5	29.5
35	2	16.09	10.73	5.5	26.5	24.69	6.42	21.5	29.5	24.27	6.65	20.5	28.5
35	3	16.54	10.37	5.5	26.5	24.66	6.39	21.5	29.5	23.87	6.45	20.5	27.5
35	4	16.65	9.87	6.5	25.5	24.36	6.15	20.5	28.5	23.19	6.07	20.5	26.5
35	5	16.55	9.26	7.5	24.5	24.04	5.92	20.5	28.5	22.31	5.57	19.5	25.5
35	6	16.85	9.13	8.5	24.5	23.64	5.69	20.5	27.5	22.23	5.63	19.5	25.5
35	7	17.12	9.01	8.5	24.5	23.07	5.42	20.5	26.5	22.14	5.70	19.5	25.5
35	8	17.34	8.89	9.5	25.5	22.24	5.04	19.5	25.5	22.05	5.78	19.5	25.5
35	9	17.54	8.77	10.5	25.5	22.24	5.04	19.5	25.5	21.96	5.87	18.5	25.5
35	10	17.72	8.67	10.5	25.5	22.24	5.04	19.5	25.5	21.87	5.97	18.5	25.5
35	11	17.89	8.57	10.5	25.5	22.24	5.04	19.5	25.5	21.79	6.07	18.5	25.5
35	12	18.05	8.47	11.5	25.5	22.24	5.04	19.5	25.5	21.70	6.18	18.5	25.5
35	13	18.19	8.39	11.5	25.5	22.24	5.04	19.5	25.5	21.61	6.29	18.5	25.5
35	14	18.31	8.30	11.5	25.5	22.24	5.04	19.5	25.5	21.53	6.41	18.5	25.5
35	15	18.43	8.22	12.5	25.5	22.24	5.04	19.5	25.5	21.45	6.53	18.5	25.5
35	16	18.51	8.16	12.5	25.5	22.24	5.04	19.5	25.5	21.37	6.65	18.5	25.5
35	17	18.55	8.11	12.5	25.5	22.24	5.04	19.5	25.5	21.29	6.77	17.5	25.5
35	18	18.58	8.09	12.5	25.5	22.24	5.04	19.5	25.5	21.22	6.90	17.5	25.5
36	0	13.39	11.13	2.5	24.5	23.87	6.44	20.5	28.5	24.10	6.92	20.5	28.5
36	1	14.96	10.90	3.5	25.5	23.59	6.45	19.5	28.5	23.98	6.90	20.5	28.5
36	2	15.82	10.53	5.5	26.5	23.81	6.36	20.5	28.5	23.67	6.71	20.5	28.5
36	3	16.28	10.20	5.5	26.5	23.80	6.34	20.5	28.5	23.34	6.54	19.5	27.5
36	4	16.53	9.87	6.5	25.5	23.77	6.31	20.5	28.5	22.94	6.34	19.5	26.5
36	5	16.53	9.37	7.5	25.5	23.46	6.06	20.5	27.5	22.25	5.96	19.5	25.5
36	6	16.34	8.76	7.5	23.5	23.14	5.84	19.5	27.5	21.37	5.46	19.5	24.5
36	7	16.58	8.64	8.5	24.5	22.75	5.60	19.5	26.5	21.28	5.52	18.5	24.5
36	8	16.79	8.53	9.5	24.5	22.17	5.33	19.5	25.5	21.20	5.60	18.5	24.5
36	9	16.98	8.42	10.5	24.5	21.35	4.95	18.5	24.5	21.11	5.68	18.5	24.5
36	10	17.13	8.32	10.5	24.5	21.35	4.95	18.5	24.5	21.02	5.77	17.5	24.5

36	11	17.28	8.22	10.5	24.5	21.35	4.95	18.5	24.5	20.93	5.87	17.5	24.5
36	12	17.42	8.13	10.5	24.5	21.35	4.95	18.5	24.5	20.84	5.98	17.5	24.5
36	13	17.55	8.05	11.5	24.5	21.35	4.95	18.5	24.5	20.76	6.09	17.5	24.5
36	14	17.67	7.97	11.5	24.5	21.35	4.95	18.5	24.5	20.67	6.20	17.5	24.5
36	15	17.76	7.90	11.5	24.5	21.35	4.95	18.5	24.5	20.59	6.32	17.5	24.5
36	16	17.84	7.84	11.5	24.5	21.35	4.95	18.5	24.5	20.51	6.45	17.5	24.5
36	17	17.89	7.81	12.5	24.5	21.35	4.95	18.5	24.5	20.43	6.57	17.5	24.5
36	18	17.91	7.79	12.5	24.5	21.35	4.95	18.5	24.5	20.35	6.70	17.5	24.5
36	19	17.90	7.79	12.5	24.5	21.35	4.95	18.5	24.5	20.27	6.82	16.5	24.5
37	0	13.10	10.81	2.5	24.5	23.00	6.37	19.5	27.5	23.28	6.82	20.5	27.5
37	1	14.63	10.57	3.5	24.5	22.98	6.35	19.5	27.5	23.17	6.80	19.5	27.5
37	2	15.54	10.32	5.5	25.5	22.71	6.37	18.5	27.5	23.06	6.79	19.5	27.5
37	3	15.99	10.00	5.5	25.5	22.93	6.27	19.5	27.5	22.74	6.60	19.5	27.5
37	4	16.26	9.71	6.5	25.5	22.91	6.25	19.5	27.5	22.41	6.43	19.5	26.5
37	5	16.41	9.38	7.5	24.5	22.88	6.22	19.5	27.5	22.00	6.23	18.5	25.5
37	6	16.33	8.88	7.5	24.5	22.58	5.97	19.5	27.5	21.31	5.85	18.5	24.5
37	7	16.05	8.27	8.5	23.5	22.26	5.74	19.5	26.5	20.43	5.34	18.5	23.5
37	8	16.24	8.16	9.5	23.5	21.86	5.51	18.5	25.5	20.35	5.41	17.5	23.5
37	9	16.41	8.07	9.5	23.5	21.29	5.23	18.5	24.5	20.26	5.49	17.5	23.5
37	10	16.56	7.97	10.5	23.5	20.46	4.85	18.5	23.5	20.17	5.57	17.5	23.5
37	11	16.68	7.88	10.5	23.5	20.46	4.85	18.5	23.5	20.08	5.67	17.5	23.5
37	12	16.80	7.79	10.5	23.5	20.46	4.85	18.5	23.5	19.99	5.77	16.5	23.5
37	13	16.91	7.72	10.5	23.5	20.46	4.85	18.5	23.5	19.90	5.88	16.5	23.5
37	14	17.02	7.65	11.5	23.5	20.46	4.85	18.5	23.5	19.82	5.99	16.5	23.5
37	15	17.11	7.58	11.5	23.5	20.46	4.85	18.5	23.5	19.73	6.11	16.5	23.5
37	16	17.17	7.53	11.5	23.5	20.46	4.85	18.5	23.5	19.65	6.23	16.5	23.5
37	17	17.22	7.50	11.5	23.5	20.46	4.85	18.5	23.5	19.57	6.36	16.5	23.5
37	18	17.23	7.48	11.5	23.5	20.46	4.85	18.5	23.5	19.49	6.49	16.5	23.5
37	19	17.23	7.49	11.5	23.5	20.46	4.85	18.5	23.5	19.41	6.62	16.5	23.5
37	20	17.25	7.46	11.5	23.5	20.46	4.85	18.5	23.5	19.39	6.67	16.5	23.5
38	0	12.81	10.48	2.5	23.5	22.12	6.28	18.5	26.5	22.46	6.74	19.5	26.5
38	1	14.30	10.23	3.5	24.5	22.12	6.28	18.5	26.5	22.36	6.70	19.5	26.5
38	2	15.18	9.98	4.5	24.5	22.10	6.26	18.5	26.5	22.25	6.68	19.5	26.5
38	3	15.70	9.80	5.5	24.5	21.83	6.28	18.5	26.5	22.13	6.67	18.5	26.5
38	4	15.96	9.50	6.5	24.5	22.05	6.18	18.5	26.5	21.82	6.48	18.5	26.5
38	5	16.13	9.22	7.5	24.5	22.03	6.16	18.5	26.5	21.48	6.31	18.5	25.5
38	6	16.20	8.89	7.5	24.5	22.00	6.13	18.5	26.5	21.08	6.11	17.5	24.5
38	7	16.04	8.40	8.5	23.5	21.70	5.88	18.5	26.5	20.38	5.73	17.5	23.5
38	8	15.70	7.79	9.5	22.5	21.38	5.65	18.5	25.5	19.50	5.22	17.5	22.5
38	9	15.85	7.70	9.5	22.5	20.98	5.41	18.5	24.5	19.42	5.29	16.5	22.5
38	10	15.98	7.62	10.5	22.5	20.41	5.13	17.5	23.5	19.33	5.37	16.5	22.5
38	11	16.10	7.53	10.5	22.5	19.57	4.74	17.5	22.5	19.24	5.46	16.5	22.5
38	12	16.19	7.45	10.5	22.5	19.57	4.74	17.5	22.5	19.15	5.56	16.5	22.5
38	13	16.28	7.38	10.5	22.5	19.57	4.74	17.5	22.5	19.06	5.66	15.5	22.5
38	14	16.36	7.32	10.5	22.5	19.57	4.74	17.5	22.5	18.97	5.78	15.5	22.5
38	15	16.45	7.26	10.5	22.5	19.57	4.74	17.5	22.5	18.88	5.90	15.5	22.5
38	16	16.51	7.21	11.5	22.5	19.57	4.74	17.5	22.5	18.80	6.02	15.5	22.5
38	17	16.54	7.19	11.5	22.5	19.57	4.74	17.5	22.5	18.72	6.14	15.5	22.5
38	18	16.56	7.18	11.5	22.5	19.57	4.74	17.5	22.5	18.63	6.27	15.5	22.5
38	19	16.55	7.19	11.5	22.5	19.57	4.74	17.5	22.5	18.55	6.40	15.5	22.5
38	20	16.57	7.17	11.5	22.5	19.57	4.74	17.5	22.5	18.53	6.46	15.5	22.5
38	21	16.62	7.11	11.5	22.5	19.57	4.74	17.5	22.5	18.57	6.44	15.5	22.5

39	0	12.51	10.15	2.5	22.5	21.23	6.19	17.5	25.5	21.66	6.66	18.5	25.5
39	1	13.96	9.90	3.5	23.5	21.23	6.19	17.5	25.5	21.55	6.60	18.5	25.5
39	2	14.83	9.64	4.5	23.5	21.23	6.19	17.5	25.5	21.45	6.57	18.5	25.5
39	3	15.32	9.46	5.5	23.5	21.22	6.17	17.5	25.5	21.34	6.55	18.5	25.5
39	4	15.66	9.30	6.5	23.5	20.95	6.19	17.5	25.5	21.22	6.55	17.5	25.5
39	5	15.82	9.02	7.5	23.5	21.17	6.09	17.5	25.5	20.90	6.35	17.5	25.5
39	6	15.91	8.74	7.5	23.5	21.15	6.07	17.5	25.5	20.57	6.18	17.5	24.5
39	7	15.92	8.42	8.5	23.5	21.12	6.04	17.5	25.5	20.16	5.98	16.5	23.5
39	8	15.70	7.93	9.5	22.5	20.81	5.79	17.5	25.5	19.46	5.60	16.5	22.5
39	9	15.29	7.33	9.5	21.5	20.49	5.55	17.5	24.5	18.57	5.09	16.5	21.5
39	10	15.40	7.26	9.5	21.5	20.10	5.31	17.5	23.5	18.49	5.17	16.5	21.5
39	11	15.51	7.18	10.5	21.5	19.52	5.03	16.5	22.5	18.40	5.25	15.5	21.5
39	12	15.59	7.11	10.5	21.5	18.69	4.64	16.5	21.5	18.31	5.34	15.5	21.5
39	13	15.66	7.05	10.5	21.5	18.69	4.64	16.5	21.5	18.22	5.44	15.5	21.5
39	14	15.72	6.98	10.5	21.5	18.69	4.64	16.5	21.5	18.13	5.55	14.5	21.5
39	15	15.79	6.93	10.5	21.5	18.69	4.64	16.5	21.5	18.04	5.67	14.5	21.5
39	16	15.84	6.90	10.5	21.5	18.69	4.64	16.5	21.5	17.96	5.79	14.5	21.5
39	17	15.86	6.88	10.5	21.5	18.69	4.64	16.5	21.5	17.87	5.92	14.5	21.5
39	18	15.87	6.88	10.5	21.5	18.69	4.64	16.5	21.5	17.79	6.05	14.5	21.5
39	19	15.87	6.89	10.5	21.5	18.69	4.64	16.5	21.5	17.71	6.18	14.5	21.5
39	20	15.89	6.87	10.5	21.5	18.69	4.64	16.5	21.5	17.68	6.23	14.5	21.5
39	21	15.94	6.82	10.5	21.5	18.69	4.64	16.5	21.5	17.72	6.22	14.5	21.5
39	22	15.96	6.78	10.5	21.5	18.69	4.64	16.5	21.5	17.76	6.20	14.5	21.5
40	0	12.18	9.81	2.5	21.5	20.35	6.10	16.5	24.5	20.84	6.56	18.5	24.5
40	1	13.63	9.56	3.5	22.5	20.35	6.10	16.5	24.5	20.75	6.52	18.5	24.5
40	2	14.46	9.30	4.5	22.5	20.35	6.10	16.5	24.5	20.65	6.47	17.5	24.5
40	3	14.95	9.11	5.5	22.5	20.35	6.10	16.5	24.5	20.54	6.43	17.5	24.5
40	4	15.27	8.96	6.5	22.5	20.34	6.08	16.5	24.5	20.43	6.42	17.5	24.5
40	5	15.52	8.82	7.5	22.5	20.06	6.10	16.5	24.5	20.31	6.41	16.5	24.5
40	6	15.60	8.54	7.5	22.5	20.28	6.00	16.5	24.5	19.99	6.22	16.5	24.5
40	7	15.63	8.26	8.5	22.5	20.27	5.98	16.5	24.5	19.66	6.05	16.5	23.5
40	8	15.58	7.96	9.5	22.5	20.24	5.95	16.5	24.5	19.25	5.85	15.5	22.5
40	9	15.30	7.48	9.5	21.5	19.93	5.69	16.5	24.5	18.55	5.47	15.5	21.5
40	10	14.83	6.89	9.5	20.5	19.61	5.45	16.5	23.5	17.66	4.96	15.5	20.5
40	11	14.92	6.82	9.5	20.5	19.21	5.21	16.5	22.5	17.57	5.04	15.5	20.5
40	12	15.00	6.76	9.5	20.5	18.63	4.93	16.5	21.5	17.48	5.12	14.5	20.5
40	13	15.05	6.70	9.5	20.5	17.80	4.53	15.5	20.5	17.39	5.22	14.5	20.5
40	14	15.09	6.65	9.5	20.5	17.80	4.53	15.5	20.5	17.30	5.32	14.5	20.5
40	15	15.13	6.60	10.5	20.5	17.80	4.53	15.5	20.5	17.21	5.44	14.5	20.5
40	16	15.17	6.58	10.5	20.5	17.80	4.53	15.5	20.5	17.12	5.56	13.5	20.5
40	17	15.19	6.57	10.5	20.5	17.80	4.53	15.5	20.5	17.04	5.68	13.5	20.5
40	18	15.19	6.57	10.5	20.5	17.80	4.53	15.5	20.5	16.95	5.81	13.5	20.5
40	19	15.18	6.59	10.5	20.5	17.80	4.53	15.5	20.5	16.87	5.95	13.5	20.5
40	20	15.21	6.57	10.5	20.5	17.80	4.53	15.5	20.5	16.84	6.01	13.5	20.5
40	21	15.26	6.52	10.5	20.5	17.80	4.53	15.5	20.5	16.88	5.99	13.5	20.5
40	22	15.28	6.49	10.5	20.5	17.80	4.53	15.5	20.5	16.92	5.97	14.5	20.5
40	23	15.29	6.47	10.5	20.5	17.80	4.53	15.5	20.5	16.96	5.95	14.5	20.5
41	0	11.83	9.45	2.5	21.5	19.47	6.01	15.5	23.5	20.00	6.43	17.5	23.5
41	1	13.25	9.22	3.5	21.5	19.47	6.01	15.5	23.5	19.94	6.41	17.5	23.5
41	2	14.10	8.96	5.5	21.5	19.47	6.01	15.5	23.5	19.86	6.38	17.5	23.5
41	3	14.56	8.76	6.5	21.5	19.47	6.01	15.5	23.5	19.75	6.32	16.5	23.5
41	4	14.88	8.61	6.5	22.5	19.47	6.01	15.5	23.5	19.64	6.29	16.5	23.5

41	5	15.11	8.47	7.5	22.5	19.46	5.99	15.5	23.5	19.53	6.27	16.5	23.5
41	6	15.29	8.34	7.5	22.5	19.19	6.01	15.5	23.5	19.41	6.27	15.5	23.5
41	7	15.31	8.07	8.5	22.5	19.41	5.91	15.5	23.5	19.09	6.07	15.5	23.5
41	8	15.29	7.80	8.5	21.5	19.39	5.89	15.5	23.5	18.75	5.90	15.5	22.5
41	9	15.19	7.51	9.5	21.5	19.36	5.85	15.5	23.5	18.34	5.71	15.5	21.5
41	10	14.85	7.04	9.5	20.5	19.05	5.59	15.5	23.5	17.64	5.33	14.5	20.5
41	11	14.34	6.45	9.5	19.5	18.73	5.35	15.5	22.5	16.74	4.82	14.5	19.5
41	12	14.40	6.40	9.5	19.5	18.33	5.10	15.5	21.5	16.66	4.90	14.5	19.5
41	13	14.44	6.36	9.5	19.5	17.75	4.82	15.5	20.5	16.57	4.99	13.5	19.5
41	14	14.48	6.31	9.5	19.5	16.92	4.42	14.5	19.5	16.48	5.09	13.5	19.5
41	15	14.50	6.28	9.5	19.5	16.92	4.42	14.5	19.5	16.39	5.20	13.5	19.5
41	16	14.51	6.25	9.5	19.5	16.92	4.42	14.5	19.5	16.30	5.32	13.5	19.5
41	17	14.52	6.25	9.5	19.5	16.92	4.42	14.5	19.5	16.21	5.44	13.5	19.5
41	18	14.51	6.26	9.5	19.5	16.92	4.42	14.5	19.5	16.12	5.58	13.5	19.5
41	19	14.49	6.29	9.5	19.5	16.92	4.42	14.5	19.5	16.03	5.71	12.5	19.5
41	20	14.51	6.28	9.5	19.5	16.92	4.42	14.5	19.5	16.01	5.77	13.5	19.5
41	21	14.57	6.23	10.5	19.5	16.92	4.42	14.5	19.5	16.05	5.76	13.5	19.5
41	22	14.60	6.19	10.5	19.5	16.92	4.42	14.5	19.5	16.09	5.74	13.5	19.5
41	23	14.61	6.17	10.5	19.5	16.92	4.42	14.5	19.5	16.12	5.72	13.5	19.5
41	24	14.60	6.16	10.5	19.5	16.92	4.42	14.5	19.5	16.16	5.69	13.5	19.5
42	0	11.42	9.09	2.5	20.5	18.61	5.91	15.5	23.5	19.17	6.30	16.5	23.5
42	1	12.84	8.86	3.5	20.5	18.61	5.91	15.5	23.5	19.11	6.28	16.5	22.5
42	2	13.69	8.61	5.5	20.5	18.61	5.91	15.5	23.5	19.05	6.26	16.5	22.5
42	3	14.18	8.42	6.5	21.5	18.61	5.91	15.5	23.5	18.97	6.22	16.5	22.5
42	4	14.48	8.25	6.5	21.5	18.61	5.91	15.5	23.5	18.86	6.17	16.5	22.5
42	5	14.71	8.10	7.5	21.5	18.61	5.91	15.5	23.5	18.75	6.14	15.5	22.5
42	6	14.88	7.98	8.5	21.5	18.59	5.89	15.5	23.5	18.64	6.12	15.5	22.5
42	7	15.00	7.87	8.5	21.5	18.32	5.91	14.5	22.5	18.52	6.12	15.5	22.5
42	8	14.97	7.61	8.5	21.5	18.54	5.81	15.5	22.5	18.20	5.93	14.5	22.5
42	9	14.89	7.36	9.5	20.5	18.52	5.78	15.5	22.5	17.86	5.76	14.5	21.5
42	10	14.75	7.07	9.5	20.5	18.49	5.75	15.5	22.5	17.45	5.56	14.5	20.5
42	11	14.37	6.61	9.5	19.5	18.19	5.49	14.5	22.5	16.74	5.18	13.5	19.5
42	12	13.80	6.03	9.5	18.5	17.86	5.24	14.5	21.5	15.84	4.67	13.5	18.5
42	13	13.84	5.99	9.5	18.5	17.47	4.99	14.5	20.5	15.75	4.76	13.5	18.5
42	14	13.86	5.96	9.5	18.5	16.88	4.71	14.5	19.5	15.66	4.85	13.5	18.5
42	15	13.88	5.94	9.5	18.5	16.05	4.29	13.5	18.5	15.57	4.96	12.5	18.5
42	16	13.87	5.93	9.5	18.5	16.05	4.29	13.5	18.5	15.48	5.07	12.5	18.5
42	17	13.85	5.93	9.5	18.5	16.05	4.29	13.5	18.5	15.39	5.20	12.5	18.5
42	18	13.83	5.95	9.5	18.5	16.05	4.29	13.5	18.5	15.30	5.33	12.5	18.5
42	19	13.81	5.99	9.5	18.5	16.05	4.29	13.5	18.5	15.21	5.46	12.5	18.5
42	20	13.82	5.98	9.5	18.5	16.05	4.29	13.5	18.5	15.18	5.52	12.5	18.5
42	21	13.88	5.93	9.5	18.5	16.05	4.29	13.5	18.5	15.22	5.51	12.5	18.5
42	22	13.92	5.89	9.5	18.5	16.05	4.29	13.5	18.5	15.26	5.50	12.5	18.5
42	23	13.93	5.87	9.5	18.5	16.05	4.29	13.5	18.5	15.30	5.48	12.5	18.5
42	24	13.93	5.86	9.5	18.5	16.05	4.29	13.5	18.5	15.34	5.46	12.5	18.5
42	25	13.91	5.86	9.5	18.5	16.05	4.29	13.5	18.5	15.38	5.43	12.5	18.5
43	0	11.06	8.72	2.5	19.5	17.75	5.80	14.5	22.5	18.34	6.18	15.5	22.5
43	1	12.38	8.50	3.5	19.5	17.75	5.80	14.5	22.5	18.29	6.14	15.5	22.5
43	2	13.24	8.26	5.5	20.5	17.75	5.80	14.5	22.5	18.23	6.12	15.5	22.5
43	3	13.75	8.07	6.5	20.5	17.75	5.80	14.5	22.5	18.17	6.10	15.5	21.5
43	4	14.08	7.90	6.5	20.5	17.75	5.80	14.5	22.5	18.09	6.06	15.5	21.5
43	5	14.30	7.74	7.5	20.5	17.75	5.80	14.5	22.5	17.98	6.01	15.5	21.5

43	6	14.47	7.61	8.5	20.5	17.75	5.80	14.5	22.5	17.87	5.98	14.5	21.5
43	7	14.58	7.50	8.5	20.5	17.74	5.78	14.5	22.5	17.76	5.96	14.5	21.5
43	8	14.65	7.40	8.5	20.5	17.47	5.80	13.5	21.5	17.64	5.96	14.5	21.5
43	9	14.57	7.15	9.5	20.5	17.69	5.70	14.5	22.5	17.31	5.77	13.5	21.5
43	10	14.45	6.92	9.5	19.5	17.67	5.67	14.5	22.5	16.97	5.60	13.5	20.5
43	11	14.27	6.64	9.5	19.5	17.64	5.64	14.5	22.5	16.56	5.41	13.5	19.5
43	12	13.85	6.19	9.5	18.5	17.33	5.37	14.5	21.5	15.84	5.03	13.5	18.5
43	13	13.24	5.62	9.5	17.5	17.01	5.12	14.5	20.5	14.93	4.52	12.5	17.5
43	14	13.25	5.60	9.5	17.5	16.61	4.87	13.5	19.5	14.85	4.61	12.5	17.5
43	15	13.25	5.59	9.5	17.5	16.03	4.58	13.5	18.5	14.76	4.71	12.5	17.5
43	16	13.24	5.59	9.5	17.5	15.19	4.16	13.5	17.5	14.67	4.82	12.5	17.5
43	17	13.20	5.61	9.5	17.5	15.19	4.16	13.5	17.5	14.58	4.94	11.5	17.5
43	18	13.16	5.63	8.5	17.5	15.19	4.16	13.5	17.5	14.48	5.07	11.5	17.5
43	19	13.13	5.68	8.5	17.5	15.19	4.16	13.5	17.5	14.39	5.21	11.5	17.5
43	20	13.14	5.67	9.5	17.5	15.19	4.16	13.5	17.5	14.37	5.27	11.5	17.5
43	21	13.19	5.63	9.5	17.5	15.19	4.16	13.5	17.5	14.40	5.27	11.5	17.5
43	22	13.22	5.60	9.5	17.5	15.19	4.16	13.5	17.5	14.44	5.25	11.5	17.5
43	23	13.25	5.57	9.5	17.5	15.19	4.16	13.5	17.5	14.48	5.24	12.5	17.5
43	24	13.25	5.56	9.5	17.5	15.19	4.16	13.5	17.5	14.52	5.21	12.5	17.5
43	25	13.24	5.56	9.5	17.5	15.19	4.16	13.5	17.5	14.56	5.19	12.5	17.5
43	26	13.22	5.56	9.5	17.5	15.19	4.16	13.5	17.5	14.60	5.15	12.5	17.5
44	0	10.73	8.34	2.5	18.5	16.91	5.68	13.5	21.5	17.52	6.04	14.5	21.5
44	1	11.96	8.14	3.5	19.5	16.91	5.68	13.5	21.5	17.47	6.01	14.5	21.5
44	2	12.74	7.91	4.5	19.5	16.91	5.68	13.5	21.5	17.42	5.97	14.5	21.5
44	3	13.28	7.71	6.5	19.5	16.91	5.68	13.5	21.5	17.36	5.95	14.5	21.5
44	4	13.63	7.55	6.5	19.5	16.91	5.68	13.5	21.5	17.30	5.93	14.5	20.5
44	5	13.89	7.38	7.5	19.5	16.91	5.68	13.5	21.5	17.22	5.89	14.5	20.5
44	6	14.04	7.24	8.5	19.5	16.91	5.68	13.5	21.5	17.11	5.84	14.5	20.5
44	7	14.16	7.11	8.5	19.5	16.89	5.66	13.5	21.5	17.00	5.81	13.5	20.5
44	8	14.22	7.03	8.5	19.5	16.62	5.69	13.5	21.5	16.88	5.80	13.5	20.5
44	9	14.25	6.95	9.5	19.5	16.84	5.58	13.5	21.5	16.76	5.80	13.5	20.5
44	10	14.13	6.71	9.5	19.5	16.82	5.56	13.5	21.5	16.43	5.61	13.5	20.5
44	11	13.98	6.49	9.5	19.5	16.79	5.52	13.5	21.5	16.09	5.44	12.5	19.5
44	12	13.76	6.22	9.5	18.5	16.48	5.25	13.5	20.5	15.67	5.25	12.5	18.5
44	13	13.29	5.78	9.5	17.5	16.16	5.00	13.5	19.5	14.96	4.87	12.5	17.5
44	14	12.64	5.22	8.5	16.5	15.76	4.74	13.5	18.5	14.04	4.36	11.5	16.5
44	15	12.63	5.22	8.5	16.5	15.18	4.44	12.5	17.5	13.95	4.46	11.5	16.5
44	16	12.61	5.24	8.5	16.5	14.34	4.02	12.5	16.5	13.86	4.57	11.5	16.5
44	17	12.57	5.26	8.5	16.5	14.34	4.02	12.5	16.5	13.77	4.69	11.5	16.5
44	18	12.51	5.31	8.5	16.5	14.34	4.02	12.5	16.5	13.68	4.81	10.5	16.5
44	19	12.45	5.36	8.5	16.5	14.34	4.02	12.5	16.5	13.58	4.95	10.5	16.5
44	20	12.45	5.37	8.5	16.5	14.34	4.02	12.5	16.5	13.56	5.01	10.5	16.5
44	21	12.50	5.33	8.5	16.5	14.34	4.02	12.5	16.5	13.59	5.01	11.5	16.5
44	22	12.53	5.30	8.5	16.5	14.34	4.02	12.5	16.5	13.63	5.00	11.5	16.5
44	23	12.55	5.28	8.5	16.5	14.34	4.02	12.5	16.5	13.66	4.98	11.5	16.5
44	24	12.57	5.26	8.5	16.5	14.34	4.02	12.5	16.5	13.70	4.96	11.5	16.5
44	25	12.56	5.25	8.5	16.5	14.34	4.02	12.5	16.5	13.74	4.94	11.5	16.5
44	26	12.54	5.26	8.5	16.5	14.34	4.02	12.5	16.5	13.78	4.91	11.5	16.5
44	27	12.51	5.27	8.5	16.5	14.34	4.02	12.5	16.5	13.83	4.87	11.5	16.5
45	0	10.10	7.99	2.5	17.5	16.07	5.56	12.5	20.5	16.70	5.90	13.5	20.5
45	1	11.52	7.77	3.5	18.5	16.07	5.56	12.5	20.5	16.66	5.87	13.5	20.5
45	2	12.25	7.57	4.5	18.5	16.07	5.56	12.5	20.5	16.61	5.83	13.5	20.5

45	3	12.74	7.38	5.5	18.5	16.07	5.56	12.5	20.5	16.55	5.80	13.5	20.5
45	4	13.11	7.21	6.5	18.5	16.07	5.56	12.5	20.5	16.50	5.77	13.5	20.5
45	5	13.38	7.06	7.5	18.5	16.07	5.56	12.5	20.5	16.44	5.75	13.5	19.5
45	6	13.55	6.92	7.5	18.5	16.07	5.56	12.5	20.5	16.35	5.72	13.5	19.5
45	7	13.65	6.79	8.5	18.5	16.07	5.56	12.5	20.5	16.24	5.67	13.5	19.5
45	8	13.72	6.69	8.5	18.5	16.06	5.54	12.5	20.5	16.13	5.64	13.5	19.5
45	9	13.74	6.62	8.5	18.5	15.78	5.57	12.5	20.5	16.02	5.63	12.5	19.5
45	10	13.75	6.56	9.5	18.5	16.00	5.45	12.5	20.5	15.90	5.64	12.5	19.5
45	11	13.59	6.33	9.5	18.5	15.99	5.43	12.5	20.5	15.56	5.44	12.5	19.5
45	12	13.42	6.11	8.5	18.5	15.95	5.40	12.5	20.5	15.22	5.28	11.5	18.5
45	13	13.17	5.86	8.5	17.5	15.65	5.12	12.5	19.5	14.80	5.09	11.5	17.5
45	14	12.67	5.43	8.5	16.5	15.32	4.86	12.5	18.5	14.07	4.71	11.5	16.5
45	15	11.99	4.87	8.5	15.5	14.92	4.60	12.5	17.5	13.15	4.20	11.5	15.5
45	16	11.96	4.90	8.5	15.5	14.34	4.30	11.5	16.5	13.06	4.31	10.5	15.5
45	17	11.92	4.93	8.5	15.5	13.49	3.86	11.5	15.5	12.97	4.43	10.5	15.5
45	18	11.86	4.98	8.5	15.5	13.49	3.86	11.5	15.5	12.88	4.55	10.5	15.5
45	19	11.79	5.04	8.5	15.5	13.49	3.86	11.5	15.5	12.79	4.68	10.5	15.5
45	20	11.77	5.06	8.5	15.5	13.49	3.86	11.5	15.5	12.75	4.75	10.5	15.5
45	21	11.81	5.03	8.5	15.5	13.49	3.86	11.5	15.5	12.79	4.75	10.5	15.5
45	22	11.85	5.00	8.5	15.5	13.49	3.86	11.5	15.5	12.82	4.74	10.5	15.5
45	23	11.87	4.98	8.5	15.5	13.49	3.86	11.5	15.5	12.86	4.73	10.5	15.5
45	24	11.88	4.96	8.5	15.5	13.49	3.86	11.5	15.5	12.90	4.71	10.5	15.5
45	25	11.88	4.95	8.5	15.5	13.49	3.86	11.5	15.5	12.94	4.69	10.5	15.5
45	26	11.87	4.95	8.5	15.5	13.49	3.86	11.5	15.5	12.98	4.66	11.5	15.5
45	27	11.84	4.96	8.5	15.5	13.49	3.86	11.5	15.5	13.02	4.62	11.5	15.5
45	28	11.81	4.99	8.5	15.5	13.49	3.86	11.5	15.5	13.06	4.58	11.5	15.5
46	0	9.61	7.59	2.5	16.5	15.22	5.44	11.5	19.5	15.86	5.73	13.5	19.5
46	1	11.00	7.41	3.5	17.5	15.22	5.44	11.5	19.5	15.85	5.72	13.5	19.5
46	2	11.72	7.23	4.5	17.5	15.22	5.44	11.5	19.5	15.81	5.68	13.5	19.5
46	3	12.20	7.07	5.5	17.5	15.22	5.44	11.5	19.5	15.76	5.65	13.5	19.5
46	4	12.55	6.90	6.5	17.5	15.22	5.44	11.5	19.5	15.70	5.61	13.5	19.5
46	5	12.80	6.76	7.5	18.5	15.22	5.44	11.5	19.5	15.65	5.59	13.5	19.5
46	6	12.98	6.64	7.5	18.5	15.22	5.44	11.5	19.5	15.58	5.57	13.5	19.5
46	7	13.09	6.53	7.5	18.5	15.22	5.44	11.5	19.5	15.50	5.54	12.5	18.5
46	8	13.13	6.42	8.5	18.5	15.22	5.44	11.5	19.5	15.39	5.49	12.5	18.5
46	9	13.15	6.35	8.5	18.5	15.21	5.42	11.5	19.5	15.27	5.46	12.5	18.5
46	10	13.16	6.28	8.5	18.5	14.94	5.45	11.5	19.5	15.16	5.45	11.5	18.5
46	11	13.15	6.23	8.5	18.5	15.16	5.34	11.5	19.5	15.04	5.46	11.5	18.5
46	12	12.98	6.00	8.5	17.5	15.14	5.31	11.5	19.5	14.70	5.27	11.5	18.5
46	13	12.78	5.79	8.5	17.5	15.11	5.28	11.5	19.5	14.35	5.11	11.5	17.5
46	14	12.52	5.55	8.5	16.5	14.80	4.99	11.5	18.5	13.93	4.92	10.5	16.5
46	15	11.99	5.12	8.5	15.5	14.47	4.73	11.5	17.5	13.20	4.55	10.5	15.5
46	16	11.28	4.57	8.5	14.5	14.07	4.46	11.5	16.5	12.27	4.04	10.5	14.5
46	17	11.24	4.62	7.5	14.5	13.49	4.16	11.5	15.5	12.18	4.16	10.5	14.5
46	18	11.18	4.67	7.5	14.5	12.64	3.72	10.5	14.5	12.09	4.28	9.5	14.5
46	19	11.11	4.73	7.5	14.5	12.64	3.72	10.5	14.5	11.99	4.41	9.5	14.5
46	20	11.10	4.75	7.5	14.5	12.64	3.72	10.5	14.5	11.96	4.48	9.5	14.5
46	21	11.12	4.72	7.5	14.5	12.64	3.72	10.5	14.5	11.99	4.48	9.5	14.5
46	22	11.15	4.69	7.5	14.5	12.64	3.72	10.5	14.5	12.02	4.47	9.5	14.5
46	23	11.18	4.67	8.5	14.5	12.64	3.72	10.5	14.5	12.06	4.46	9.5	14.5
46	24	11.19	4.66	8.5	14.5	12.64	3.72	10.5	14.5	12.09	4.45	10.5	14.5
46	25	11.20	4.64	8.5	14.5	12.64	3.72	10.5	14.5	12.13	4.43	10.5	14.5

46	26	11.19	4.64	7.5	14.5	12.64	3.72	10.5	14.5	12.17	4.40	10.5	14.5
46	27	11.17	4.65	7.5	14.5	12.64	3.72	10.5	14.5	12.22	4.36	10.5	14.5
46	28	11.14	4.67	7.5	14.5	12.64	3.72	10.5	14.5	12.26	4.32	10.5	14.5
46	29	11.09	4.71	7.5	14.5	12.64	3.72	10.5	14.5	12.30	4.28	10.5	14.5
47	0	9.10	7.16	1.5	15.5	14.37	5.34	10.5	18.5	15.02	5.54	12.5	18.5
47	1	10.43	7.03	3.5	16.5	14.37	5.34	10.5	18.5	15.02	5.54	12.5	18.5
47	2	11.15	6.89	4.5	16.5	14.37	5.34	10.5	18.5	15.01	5.53	12.5	18.5
47	3	11.63	6.75	5.5	17.5	14.37	5.34	10.5	18.5	14.97	5.49	12.5	18.5
47	4	11.98	6.60	6.5	17.5	14.37	5.34	10.5	18.5	14.92	5.46	12.5	18.5
47	5	12.23	6.46	6.5	17.5	14.37	5.34	10.5	18.5	14.86	5.43	12.5	18.5
47	6	12.39	6.35	7.5	17.5	14.37	5.34	10.5	18.5	14.80	5.40	12.5	18.5
47	7	12.50	6.26	7.5	17.5	14.37	5.34	10.5	18.5	14.74	5.39	12.5	18.5
47	8	12.56	6.17	7.5	17.5	14.37	5.34	10.5	18.5	14.65	5.35	12.5	17.5
47	9	12.57	6.08	7.5	17.5	14.37	5.34	10.5	18.5	14.54	5.30	11.5	17.5
47	10	12.57	6.02	8.5	17.5	14.36	5.31	10.5	18.5	14.43	5.28	11.5	17.5
47	11	12.56	5.96	8.5	17.5	14.08	5.34	10.5	18.5	14.31	5.27	11.5	17.5
47	12	12.54	5.91	8.5	17.5	14.30	5.23	10.5	18.5	14.19	5.29	10.5	17.5
47	13	12.35	5.69	8.5	16.5	14.28	5.20	10.5	18.5	13.85	5.10	10.5	17.5
47	14	12.13	5.48	7.5	16.5	14.25	5.17	10.5	18.5	13.50	4.94	10.5	16.5
47	15	11.85	5.25	7.5	15.5	13.94	4.88	10.5	17.5	13.07	4.75	10.5	15.5
47	16	11.29	4.83	7.5	14.5	13.61	4.61	10.5	16.5	12.33	4.39	9.5	14.5
47	17	10.55	4.29	7.5	13.5	13.21	4.34	10.5	15.5	11.39	3.88	9.5	13.5
47	18	10.50	4.35	7.5	13.5	12.62	4.03	10.5	14.5	11.30	4.00	9.5	13.5
47	19	10.44	4.42	7.5	13.5	11.77	3.58	9.5	13.5	11.21	4.14	9.5	13.5
47	20	10.42	4.44	7.5	13.5	11.77	3.58	9.5	13.5	11.17	4.20	8.5	13.5
47	21	10.45	4.41	7.5	13.5	11.77	3.58	9.5	13.5	11.20	4.20	8.5	13.5
47	22	10.46	4.39	7.5	13.5	11.77	3.58	9.5	13.5	11.23	4.20	9.5	13.5
47	23	10.48	4.37	7.5	13.5	11.77	3.58	9.5	13.5	11.26	4.20	9.5	13.5
47	24	10.50	4.35	7.5	13.5	11.77	3.58	9.5	13.5	11.30	4.18	9.5	13.5
47	25	10.51	4.34	7.5	13.5	11.77	3.58	9.5	13.5	11.34	4.16	9.5	13.5
47	26	10.50	4.34	7.5	13.5	11.77	3.58	9.5	13.5	11.38	4.14	9.5	13.5
47	27	10.49	4.34	7.5	13.5	11.77	3.58	9.5	13.5	11.42	4.10	9.5	13.5
47	28	10.46	4.36	7.5	13.5	11.77	3.58	9.5	13.5	11.46	4.06	10.5	13.5
47	29	10.42	4.39	7.5	13.5	11.77	3.58	9.5	13.5	11.50	4.02	10.5	13.5
47	30	10.39	4.42	7.5	13.5	11.77	3.58	9.5	13.5	11.52	3.99	10.5	13.5
48	0	8.56	6.74	1.5	14.5	13.53	5.22	10.5	17.5	14.19	5.35	11.5	17.5
48	1	9.83	6.63	3.5	15.5	13.53	5.22	10.5	17.5	14.19	5.35	11.5	17.5
48	2	10.54	6.53	4.5	15.5	13.53	5.22	10.5	17.5	14.19	5.35	11.5	17.5
48	3	11.03	6.43	5.5	16.5	13.53	5.22	10.5	17.5	14.18	5.34	11.5	17.5
48	4	11.39	6.30	5.5	16.5	13.53	5.22	10.5	17.5	14.14	5.30	11.5	17.5
48	5	11.64	6.17	6.5	16.5	13.53	5.22	10.5	17.5	14.09	5.26	11.5	17.5
48	6	11.80	6.06	6.5	16.5	13.53	5.22	10.5	17.5	14.02	5.23	11.5	17.5
48	7	11.91	5.97	7.5	16.5	13.53	5.22	10.5	17.5	13.97	5.21	11.5	17.5
48	8	11.97	5.90	7.5	16.5	13.53	5.22	10.5	17.5	13.90	5.19	11.5	17.5
48	9	11.99	5.84	7.5	16.5	13.53	5.22	10.5	17.5	13.82	5.16	11.5	17.5
48	10	11.98	5.76	7.5	16.5	13.53	5.22	10.5	17.5	13.70	5.11	10.5	16.5
48	11	11.97	5.70	7.5	16.5	13.52	5.19	10.5	17.5	13.59	5.09	10.5	16.5
48	12	11.95	5.64	7.5	16.5	13.24	5.22	9.5	17.5	13.47	5.09	10.5	16.5
48	13	11.91	5.60	7.5	16.5	13.46	5.10	10.5	17.5	13.35	5.11	10.5	16.5
48	14	11.70	5.38	7.5	15.5	13.44	5.08	10.5	17.5	13.00	4.92	9.5	16.5
48	15	11.47	5.19	7.5	15.5	13.41	5.04	10.5	17.5	12.65	4.76	9.5	15.5
48	16	11.16	4.96	7.5	14.5	13.10	4.75	10.5	16.5	12.21	4.58	9.5	14.5

48	17	10.58	4.56	7.5	13.5	12.77	4.48	9.5	15.5	11.47	4.22	9.5	13.5
48	18	9.81	4.03	7.5	12.5	12.37	4.20	9.5	14.5	10.51	3.72	8.5	12.5
48	19	9.75	4.11	6.5	12.5	11.78	3.89	9.5	14.5	10.42	3.85	8.5	12.5
48	20	9.74	4.13	6.5	12.5	10.92	3.43	9.5	12.5	10.39	3.92	8.5	12.5
48	21	9.76	4.10	7.5	12.5	10.92	3.43	9.5	12.5	10.41	3.93	8.5	12.5
48	22	9.78	4.08	7.5	12.5	10.92	3.43	9.5	12.5	10.44	3.93	8.5	12.5
48	23	9.79	4.07	7.5	12.5	10.92	3.43	9.5	12.5	10.47	3.92	8.5	12.5
48	24	9.80	4.05	7.5	12.5	10.92	3.43	9.5	12.5	10.51	3.91	8.5	12.5
48	25	9.82	4.04	7.5	12.5	10.92	3.43	9.5	12.5	10.54	3.90	9.5	12.5
48	26	9.81	4.03	7.5	12.5	10.92	3.43	9.5	12.5	10.58	3.87	9.5	12.5
48	27	9.80	4.03	7.5	12.5	10.92	3.43	9.5	12.5	10.62	3.84	9.5	12.5
48	28	9.78	4.04	7.5	12.5	10.92	3.43	9.5	12.5	10.67	3.80	9.5	12.5
48	29	9.75	4.08	6.5	12.5	10.92	3.43	9.5	12.5	10.71	3.75	9.5	12.5
48	30	9.72	4.10	6.5	12.5	10.92	3.43	9.5	12.5	10.73	3.73	9.5	12.5
48	31	9.72	4.10	6.5	12.5	10.92	3.43	9.5	12.5	10.73	3.73	9.5	12.5
49	0	8.00	6.31	1.5	13.5	12.70	5.10	9.5	16.5	13.37	5.15	10.5	16.5
49	1	9.20	6.23	3.5	14.5	12.70	5.10	9.5	16.5	13.37	5.15	10.5	16.5
49	2	9.89	6.16	4.5	14.5	12.70	5.10	9.5	16.5	13.37	5.15	10.5	16.5
49	3	10.38	6.09	5.5	15.5	12.70	5.10	9.5	16.5	13.37	5.15	10.5	16.5
49	4	10.77	6.00	5.5	15.5	12.70	5.10	9.5	16.5	13.36	5.14	10.5	16.5
49	5	11.03	5.88	6.5	15.5	12.70	5.10	9.5	16.5	13.31	5.10	10.5	16.5
49	6	11.20	5.78	6.5	15.5	12.70	5.10	9.5	16.5	13.26	5.06	10.5	16.5
49	7	11.31	5.69	6.5	15.5	12.70	5.10	9.5	16.5	13.20	5.03	10.5	16.5
49	8	11.37	5.63	6.5	15.5	12.70	5.10	9.5	16.5	13.14	5.01	10.5	16.5
49	9	11.40	5.58	7.5	15.5	12.70	5.10	9.5	16.5	13.08	5.00	10.5	16.5
49	10	11.40	5.52	7.5	15.5	12.70	5.10	9.5	16.5	12.99	4.97	10.5	16.5
49	11	11.37	5.44	7.5	15.5	12.70	5.10	9.5	16.5	12.87	4.91	10.5	16.5
49	12	11.35	5.38	7.5	15.5	12.69	5.07	9.5	16.5	12.76	4.90	9.5	15.5
49	13	11.32	5.34	7.5	15.5	12.42	5.10	8.5	16.5	12.64	4.90	9.5	15.5
49	14	11.27	5.31	7.5	15.5	12.63	4.98	9.5	16.5	12.51	4.92	9.5	15.5
49	15	11.04	5.10	7.5	14.5	12.61	4.95	9.5	16.5	12.17	4.74	9.5	15.5
49	16	10.79	4.91	6.5	14.5	12.58	4.92	9.5	16.5	11.80	4.58	8.5	14.5
49	17	10.46	4.69	6.5	13.5	12.27	4.62	9.5	15.5	11.36	4.41	8.5	14.5
49	18	9.85	4.30	6.5	12.5	11.94	4.35	9.5	14.5	10.61	4.06	8.5	12.5
49	19	9.05	3.79	6.5	11.5	11.53	4.06	9.5	13.5	9.64	3.57	8.5	11.5
49	20	9.04	3.82	6.5	11.5	10.94	3.74	8.5	13.5	9.61	3.64	7.5	11.5
49	21	9.08	3.80	6.5	11.5	10.08	3.27	8.5	11.5	9.64	3.64	7.5	11.5
49	22	9.10	3.78	6.5	11.5	10.08	3.27	8.5	11.5	9.66	3.65	7.5	11.5
49	23	9.10	3.76	6.5	11.5	10.08	3.27	8.5	11.5	9.69	3.65	8.5	11.5
49	24	9.10	3.75	6.5	11.5	10.08	3.27	8.5	11.5	9.72	3.64	8.5	11.5
49	25	9.12	3.73	6.5	11.5	10.08	3.27	8.5	11.5	9.75	3.63	8.5	11.5
49	26	9.12	3.73	6.5	11.5	10.08	3.27	8.5	11.5	9.79	3.60	8.5	11.5
49	27	9.11	3.73	6.5	11.5	10.08	3.27	8.5	11.5	9.83	3.58	8.5	11.5
49	28	9.10	3.73	6.5	11.5	10.08	3.27	8.5	11.5	9.87	3.54	8.5	11.5
49	29	9.07	3.76	6.5	11.5	10.08	3.27	8.5	11.5	9.92	3.49	9.5	11.5
49	30	9.05	3.78	6.5	11.5	10.08	3.27	8.5	11.5	9.94	3.47	9.5	11.5
49	31	9.05	3.78	6.5	11.5	10.08	3.27	8.5	11.5	9.94	3.47	9.5	11.5
49	32	9.05	3.78	6.5	11.5	10.08	3.27	8.5	11.5	9.94	3.47	9.5	11.5
50	0	7.44	5.88	1.5	12.5	11.88	4.97	8.5	15.5	12.55	4.95	10.5	15.5
50	1	8.55	5.84	3.5	13.5	11.88	4.97	8.5	15.5	12.55	4.95	10.5	15.5
50	2	9.20	5.80	4.5	13.5	11.88	4.97	8.5	15.5	12.55	4.95	10.5	15.5
50	3	9.69	5.75	4.5	14.5	11.88	4.97	8.5	15.5	12.55	4.95	10.5	15.5

50	4	10.09	5.68	5.5	14.5	11.88	4.97	8.5	15.5	12.55	4.95	10.5	15.5
50	5	10.39	5.60	5.5	14.5	11.88	4.97	8.5	15.5	12.54	4.93	10.5	15.5
50	6	10.58	5.50	6.5	14.5	11.88	4.97	8.5	15.5	12.50	4.90	10.5	15.5
50	7	10.70	5.42	6.5	14.5	11.88	4.97	8.5	15.5	12.45	4.86	10.5	15.5
50	8	10.76	5.35	6.5	14.5	11.88	4.97	8.5	15.5	12.38	4.83	10.5	15.5
50	9	10.79	5.30	6.5	14.5	11.88	4.97	8.5	15.5	12.33	4.81	10.5	15.5
50	10	10.80	5.26	6.5	14.5	11.88	4.97	8.5	15.5	12.26	4.79	10.5	15.5
50	11	10.79	5.21	7.5	14.5	11.88	4.97	8.5	15.5	12.17	4.77	9.5	15.5
50	12	10.75	5.13	7.5	14.5	11.87	4.94	8.5	15.5	12.05	4.72	9.5	15.5
50	13	10.72	5.08	7.5	14.5	11.60	4.97	8.5	15.5	11.94	4.70	9.5	14.5
50	14	10.67	5.05	6.5	14.5	11.81	4.85	8.5	15.5	11.81	4.71	8.5	14.5
50	15	10.61	5.03	6.5	14.5	11.80	4.82	8.5	15.5	11.69	4.74	8.5	14.5
50	16	10.36	4.82	6.5	13.5	11.76	4.79	8.5	15.5	11.34	4.56	8.5	14.5
50	17	10.09	4.64	6.5	13.5	11.45	4.48	8.5	14.5	10.97	4.41	8.5	13.5
50	18	9.74	4.44	6.5	12.5	11.11	4.20	8.5	13.5	10.52	4.25	7.5	13.5
50	19	9.12	4.06	6.5	11.5	10.71	3.91	8.5	13.5	9.75	3.90	7.5	11.5
50	20	8.34	3.50	6.5	10.5	10.11	3.59	8.5	12.5	8.83	3.35	7.5	10.5
50	21	8.38	3.49	6.5	10.5	9.25	3.11	7.5	10.5	8.86	3.36	7.5	10.5
50	22	8.41	3.47	6.5	10.5	9.25	3.11	7.5	10.5	8.88	3.36	7.5	10.5
50	23	8.42	3.46	6.5	10.5	9.25	3.11	7.5	10.5	8.91	3.37	7.5	10.5
50	24	8.42	3.44	6.5	10.5	9.25	3.11	7.5	10.5	8.93	3.36	7.5	10.5
50	25	8.41	3.43	6.5	10.5	9.25	3.11	7.5	10.5	8.97	3.35	7.5	10.5
50	26	8.42	3.42	6.5	10.5	9.25	3.11	7.5	10.5	9.00	3.33	8.5	10.5
50	27	8.42	3.42	6.5	10.5	9.25	3.11	7.5	10.5	9.04	3.31	8.5	10.5
50	28	8.41	3.43	6.5	10.5	9.25	3.11	7.5	10.5	9.08	3.27	8.5	10.5
50	29	8.38	3.45	6.5	10.5	9.25	3.11	7.5	10.5	9.13	3.23	8.5	10.5
50	30	8.36	3.46	6.5	10.5	9.25	3.11	7.5	10.5	9.15	3.20	8.5	10.5
50	31	8.36	3.46	6.5	10.5	9.25	3.11	7.5	10.5	9.15	3.20	8.5	10.5
50	32	8.36	3.46	6.5	10.5	9.25	3.11	7.5	10.5	9.15	3.20	8.5	10.5
50	33	8.36	3.46	6.5	10.5	9.25	3.11	7.5	10.5	9.15	3.20	8.5	10.5
51	0	6.87	5.47	1.5	11.5	11.09	4.82	7.5	14.5	11.75	4.74	9.5	14.5
51	1	7.89	5.46	3.5	12.5	11.09	4.82	7.5	14.5	11.75	4.74	9.5	14.5
51	2	8.49	5.45	3.5	12.5	11.09	4.82	7.5	14.5	11.75	4.74	9.5	14.5
51	3	8.97	5.42	4.5	13.5	11.09	4.82	7.5	14.5	11.75	4.74	9.5	14.5
51	4	9.37	5.37	4.5	13.5	11.09	4.82	7.5	14.5	11.75	4.74	9.5	14.5
51	5	9.69	5.31	5.5	13.5	11.09	4.82	7.5	14.5	11.75	4.74	9.5	14.5
51	6	9.93	5.24	5.5	13.5	11.09	4.82	7.5	14.5	11.74	4.72	9.5	14.5
51	7	10.07	5.16	5.5	13.5	11.09	4.82	7.5	14.5	11.69	4.69	9.5	14.5
51	8	10.15	5.09	6.5	13.5	11.09	4.82	7.5	14.5	11.64	4.65	9.5	14.5
51	9	10.18	5.03	6.5	13.5	11.09	4.82	7.5	14.5	11.58	4.62	9.5	14.5
51	10	10.19	4.99	6.5	13.5	11.09	4.82	7.5	14.5	11.52	4.60	9.5	14.5
51	11	10.19	4.96	6.5	13.5	11.09	4.82	7.5	14.5	11.45	4.59	9.5	14.5
51	12	10.17	4.91	6.5	13.5	11.09	4.82	7.5	14.5	11.36	4.56	8.5	14.5
51	13	10.12	4.84	6.5	13.5	11.08	4.80	7.5	14.5	11.24	4.52	8.5	14.5
51	14	10.07	4.80	6.5	13.5	10.82	4.82	7.5	14.5	11.12	4.51	8.5	14.5
51	15	10.01	4.77	6.5	13.5	11.03	4.70	7.5	14.5	11.00	4.52	8.5	13.5
51	16	9.94	4.76	6.5	13.5	11.01	4.67	7.5	14.5	10.87	4.56	7.5	13.5
51	17	9.67	4.56	6.5	13.5	10.98	4.64	7.5	14.5	10.51	4.38	7.5	13.5
51	18	9.38	4.40	5.5	12.5	10.66	4.33	7.5	13.5	10.14	4.24	7.5	12.5
51	19	9.02	4.21	5.5	11.5	10.32	4.04	7.5	12.5	9.68	4.08	7.5	12.5
51	20	8.43	3.78	5.5	10.5	9.91	3.75	7.5	12.5	8.96	3.68	6.5	10.5
51	21	7.67	3.17	5.5	9.5	9.31	3.42	7.5	11.5	8.08	3.07	6.5	9.5

51	22	7.70	3.16	5.5	9.5	8.44	2.92	6.5	9.5	8.10	3.08	6.5	9.5
51	23	7.72	3.15	5.5	9.5	8.44	2.92	6.5	9.5	8.13	3.08	7.5	9.5
51	24	7.73	3.14	5.5	9.5	8.44	2.92	6.5	9.5	8.15	3.08	7.5	9.5
51	25	7.72	3.13	5.5	9.5	8.44	2.92	6.5	9.5	8.18	3.08	7.5	9.5
51	26	7.71	3.13	5.5	9.5	8.44	2.92	6.5	9.5	8.22	3.06	7.5	9.5
51	27	7.71	3.12	5.5	9.5	8.44	2.92	6.5	9.5	8.25	3.04	7.5	9.5
51	28	7.71	3.13	5.5	9.5	8.44	2.92	6.5	9.5	8.29	3.01	8.5	9.5
51	29	7.69	3.14	5.5	9.5	8.44	2.92	6.5	9.5	8.34	2.96	8.5	9.5
51	30	7.67	3.16	5.5	9.5	8.44	2.92	6.5	9.5	8.36	2.94	8.5	9.5
51	31	7.67	3.16	5.5	9.5	8.44	2.92	6.5	9.5	8.36	2.94	8.5	9.5
51	32	7.67	3.16	5.5	9.5	8.44	2.92	6.5	9.5	8.36	2.94	8.5	9.5
51	33	7.67	3.16	5.5	9.5	8.44	2.92	6.5	9.5	8.36	2.94	8.5	9.5
51	34	7.67	3.16	5.5	9.5	8.44	2.92	6.5	9.5	8.36	2.94	8.5	9.5
52	0	6.31	5.08	1.5	10.5	10.32	4.67	7.5	13.5	10.95	4.53	8.5	13.5
52	1	7.22	5.09	2.5	11.5	10.32	4.67	7.5	13.5	10.95	4.53	8.5	13.5
52	2	7.77	5.11	3.5	11.5	10.32	4.67	7.5	13.5	10.95	4.53	8.5	13.5
52	3	8.22	5.10	3.5	12.5	10.32	4.67	7.5	13.5	10.95	4.53	8.5	13.5
52	4	8.61	5.07	4.5	12.5	10.32	4.67	7.5	13.5	10.95	4.53	8.5	13.5
52	5	8.94	5.03	4.5	12.5	10.32	4.67	7.5	13.5	10.95	4.53	8.5	13.5
52	6	9.21	4.97	5.5	12.5	10.32	4.67	7.5	13.5	10.95	4.53	8.5	13.5
52	7	9.40	4.91	5.5	12.5	10.32	4.67	7.5	13.5	10.94	4.52	8.5	13.5
52	8	9.51	4.84	5.5	12.5	10.32	4.67	7.5	13.5	10.90	4.48	8.5	13.5
52	9	9.56	4.78	5.5	12.5	10.32	4.67	7.5	13.5	10.84	4.44	8.5	13.5
52	10	9.57	4.73	6.5	12.5	10.32	4.67	7.5	13.5	10.78	4.41	8.5	13.5
52	11	9.58	4.69	6.5	12.5	10.32	4.67	7.5	13.5	10.72	4.39	8.5	13.5
52	12	9.57	4.66	6.5	12.5	10.32	4.67	7.5	13.5	10.65	4.39	8.5	13.5
52	13	9.53	4.62	6.5	12.5	10.32	4.67	7.5	13.5	10.56	4.36	8.5	13.5
52	14	9.47	4.56	6.5	12.5	10.31	4.65	7.5	13.5	10.43	4.32	7.5	13.5
52	15	9.41	4.52	6.5	12.5	10.04	4.67	6.5	13.5	10.31	4.31	7.5	13.5
52	16	9.34	4.51	5.5	12.5	10.25	4.55	7.5	13.5	10.19	4.33	7.5	13.5
52	17	9.25	4.51	5.5	12.5	10.23	4.52	7.5	13.5	10.06	4.38	7.5	12.5
52	18	8.97	4.32	5.5	12.5	10.20	4.48	7.5	13.5	9.69	4.20	6.5	12.5
52	19	8.67	4.17	5.5	11.5	9.88	4.16	7.5	12.5	9.31	4.07	6.5	11.5
52	20	8.34	3.94	5.5	10.5	9.54	3.87	7.5	11.5	8.91	3.86	6.5	11.5
52	21	7.78	3.47	5.5	9.5	9.12	3.57	6.5	11.5	8.24	3.40	6.5	10.5
52	22	6.98	2.86	5.5	8.5	8.51	3.24	6.5	10.5	7.32	2.79	6.5	8.5
52	23	7.00	2.85	5.5	8.5	7.64	2.73	6.5	8.5	7.35	2.80	6.5	8.5
52	24	7.02	2.84	5.5	8.5	7.64	2.73	6.5	8.5	7.37	2.81	6.5	8.5
52	25	7.02	2.83	5.5	8.5	7.64	2.73	6.5	8.5	7.40	2.81	7.5	8.5
52	26	7.01	2.83	5.5	8.5	7.64	2.73	6.5	8.5	7.43	2.80	7.5	8.5
52	27	7.00	2.83	5.5	8.5	7.64	2.73	6.5	8.5	7.46	2.78	7.5	8.5
52	28	6.99	2.83	5.5	8.5	7.64	2.73	6.5	8.5	7.50	2.75	7.5	8.5
52	29	6.98	2.84	5.5	8.5	7.64	2.73	6.5	8.5	7.54	2.71	7.5	8.5
52	30	6.97	2.85	5.5	8.5	7.64	2.73	6.5	8.5	7.56	2.68	7.5	8.5
52	31	6.97	2.85	5.5	8.5	7.64	2.73	6.5	8.5	7.56	2.68	7.5	8.5
52	32	6.97	2.85	5.5	8.5	7.64	2.73	6.5	8.5	7.56	2.68	7.5	8.5
52	33	6.97	2.85	5.5	8.5	7.64	2.73	6.5	8.5	7.56	2.68	7.5	8.5
52	34	6.97	2.85	5.5	8.5	7.64	2.73	6.5	8.5	7.56	2.68	7.5	8.5
52	35	6.97	2.85	5.5	8.5	7.64	2.73	6.5	8.5	7.56	2.68	7.5	8.5
53	0	5.79	4.72	1.5	9.5	9.54	4.53	6.5	12.5	10.17	4.32	8.5	12.5
53	1	6.56	4.76	2.5	10.5	9.54	4.53	6.5	12.5	10.17	4.32	8.5	12.5
53	2	7.04	4.79	2.5	10.5	9.54	4.53	6.5	12.5	10.17	4.32	8.5	12.5

53	3	7.45	4.81	3.5	11.5	9.54	4.53	6.5	12.5	10.17	4.32	8.5	12.5
53	4	7.82	4.81	3.5	11.5	9.54	4.53	6.5	12.5	10.17	4.32	8.5	12.5
53	5	8.16	4.77	3.5	11.5	9.54	4.53	6.5	12.5	10.17	4.32	8.5	12.5
53	6	8.44	4.73	4.5	11.5	9.54	4.53	6.5	12.5	10.17	4.32	8.5	12.5
53	7	8.67	4.67	4.5	11.5	9.54	4.53	6.5	12.5	10.17	4.32	8.5	12.5
53	8	8.83	4.62	5.5	11.5	9.54	4.53	6.5	12.5	10.15	4.31	8.5	12.5
53	9	8.91	4.55	5.5	11.5	9.54	4.53	6.5	12.5	10.11	4.27	8.5	12.5
53	10	8.95	4.49	5.5	11.5	9.54	4.53	6.5	12.5	10.05	4.23	8.5	12.5
53	11	8.96	4.44	5.5	11.5	9.54	4.53	6.5	12.5	9.99	4.20	8.5	12.5
53	12	8.95	4.41	5.5	11.5	9.54	4.53	6.5	12.5	9.93	4.19	8.5	12.5
53	13	8.93	4.38	6.5	11.5	9.54	4.53	6.5	12.5	9.85	4.18	7.5	12.5
53	14	8.88	4.34	5.5	11.5	9.54	4.53	6.5	12.5	9.76	4.16	7.5	12.5
53	15	8.81	4.29	5.5	11.5	9.53	4.50	6.5	12.5	9.64	4.12	7.5	12.5
53	16	8.74	4.26	5.5	11.5	9.27	4.53	6.5	12.5	9.51	4.12	6.5	12.5
53	17	8.65	4.26	5.5	11.5	9.47	4.40	6.5	12.5	9.38	4.15	6.5	12.5
53	18	8.55	4.28	5.5	11.5	9.45	4.37	6.5	12.5	9.25	4.20	6.5	12.5
53	19	8.26	4.10	5.5	11.5	9.42	4.33	6.5	12.5	8.88	4.03	6.5	11.5
53	20	8.00	3.90	4.5	10.5	9.09	4.01	6.5	11.5	8.56	3.84	6.5	10.5
53	21	7.72	3.63	5.5	9.5	8.75	3.71	6.5	10.5	8.21	3.58	6.5	10.5
53	22	7.12	3.17	5.5	8.5	8.33	3.41	6.5	10.5	7.51	3.13	6.5	9.5
53	23	6.27	2.56	5.5	7.5	7.71	3.06	5.5	9.5	6.56	2.53	6.5	7.5
53	24	6.30	2.55	5.5	7.5	6.83	2.55	5.5	7.5	6.59	2.54	6.5	7.5
53	25	6.31	2.55	5.5	7.5	6.83	2.55	5.5	7.5	6.61	2.54	6.5	7.5
53	26	6.30	2.54	5.5	7.5	6.83	2.55	5.5	7.5	6.64	2.53	6.5	7.5
53	27	6.29	2.54	5.5	7.5	6.83	2.55	5.5	7.5	6.67	2.52	6.5	7.5
53	28	6.27	2.55	5.5	7.5	6.83	2.55	5.5	7.5	6.71	2.49	6.5	7.5
53	29	6.26	2.56	5.5	7.5	6.83	2.55	5.5	7.5	6.75	2.46	6.5	7.5
53	30	6.25	2.57	5.5	7.5	6.83	2.55	5.5	7.5	6.77	2.44	6.5	7.5
53	31	6.25	2.57	5.5	7.5	6.83	2.55	5.5	7.5	6.77	2.44	6.5	7.5
53	32	6.25	2.57	5.5	7.5	6.83	2.55	5.5	7.5	6.77	2.44	6.5	7.5
53	33	6.25	2.57	5.5	7.5	6.83	2.55	5.5	7.5	6.77	2.44	6.5	7.5
53	34	6.25	2.57	5.5	7.5	6.83	2.55	5.5	7.5	6.77	2.44	6.5	7.5
53	35	6.25	2.57	5.5	7.5	6.83	2.55	5.5	7.5	6.77	2.44	6.5	7.5
53	36	6.25	2.57	5.5	7.5	6.83	2.55	5.5	7.5	6.77	2.44	6.5	7.5
54	0	5.40	4.38	1.5	8.5	8.80	4.38	5.5	11.5	9.38	4.11	7.5	11.5
54	1	5.95	4.44	2.5	9.5	8.80	4.38	5.5	11.5	9.38	4.11	7.5	11.5
54	2	6.32	4.50	2.5	9.5	8.80	4.38	5.5	11.5	9.38	4.11	7.5	11.5
54	3	6.67	4.55	2.5	10.5	8.80	4.38	5.5	11.5	9.38	4.11	7.5	11.5
54	4	7.01	4.56	2.5	10.5	8.80	4.38	5.5	11.5	9.38	4.11	7.5	11.5
54	5	7.33	4.55	3.5	10.5	8.80	4.38	5.5	11.5	9.38	4.11	7.5	11.5
54	6	7.63	4.51	3.5	10.5	8.80	4.38	5.5	11.5	9.38	4.11	7.5	11.5
54	7	7.88	4.46	4.5	10.5	8.80	4.38	5.5	11.5	9.38	4.11	7.5	11.5
54	8	8.08	4.41	4.5	11.5	8.80	4.38	5.5	11.5	9.38	4.11	7.5	11.5
54	9	8.23	4.34	5.5	11.5	8.80	4.38	5.5	11.5	9.37	4.10	7.5	11.5
54	10	8.30	4.28	5.5	11.5	8.80	4.38	5.5	11.5	9.33	4.06	7.5	11.5
54	11	8.33	4.21	5.5	10.5	8.80	4.38	5.5	11.5	9.27	4.03	7.5	11.5
54	12	8.32	4.16	5.5	10.5	8.80	4.38	5.5	11.5	9.20	4.00	7.5	11.5
54	13	8.31	4.13	5.5	10.5	8.80	4.38	5.5	11.5	9.14	3.98	7.5	11.5
54	14	8.28	4.11	5.5	10.5	8.80	4.38	5.5	11.5	9.07	3.98	7.5	11.5
54	15	8.22	4.08	5.5	10.5	8.80	4.38	5.5	11.5	8.97	3.96	6.5	11.5
54	16	8.14	4.04	5.5	10.5	8.78	4.35	5.5	11.5	8.84	3.93	6.5	11.5
54	17	8.05	4.02	5.5	10.5	8.53	4.36	5.5	11.5	8.72	3.93	6.5	11.5

54	18	7.96	4.03	4.5	10.5	8.73	4.24	5.5	11.5	8.59	3.97	6.5	11.5
54	19	7.85	4.06	4.5	10.5	8.71	4.21	5.5	11.5	8.45	4.03	5.5	11.5
54	20	7.60	3.84	4.5	10.5	8.67	4.17	5.5	11.5	8.13	3.81	5.5	10.5
54	21	7.38	3.60	4.5	9.5	8.34	3.84	5.5	10.5	7.86	3.57	5.5	9.5
54	22	7.07	3.33	4.5	8.5	7.99	3.53	5.5	10.5	7.50	3.31	5.5	9.5
54	23	6.44	2.88	4.5	7.5	7.56	3.22	5.5	9.5	6.77	2.87	5.5	8.5
54	24	5.55	2.28	4.5	6.5	6.94	2.88	5.5	8.5	5.79	2.28	5.5	6.5
54	25	5.57	2.27	4.5	6.5	6.04	2.36	4.5	6.5	5.82	2.28	5.5	6.5
54	26	5.58	2.27	5.5	6.5	6.04	2.36	4.5	6.5	5.85	2.28	5.5	6.5
54	27	5.57	2.27	4.5	6.5	6.04	2.36	4.5	6.5	5.87	2.27	5.5	6.5
54	28	5.55	2.27	4.5	6.5	6.04	2.36	4.5	6.5	5.91	2.25	5.5	6.5
54	29	5.52	2.29	4.5	6.5	6.04	2.36	4.5	6.5	5.94	2.22	5.5	6.5
54	30	5.52	2.30	4.5	6.5	6.04	2.36	4.5	6.5	5.96	2.20	5.5	6.5
54	31	5.52	2.30	4.5	6.5	6.04	2.36	4.5	6.5	5.96	2.20	5.5	6.5
54	32	5.52	2.30	4.5	6.5	6.04	2.36	4.5	6.5	5.96	2.20	5.5	6.5
54	33	5.52	2.30	4.5	6.5	6.04	2.36	4.5	6.5	5.96	2.20	5.5	6.5
54	34	5.52	2.30	4.5	6.5	6.04	2.36	4.5	6.5	5.96	2.20	5.5	6.5
54	35	5.52	2.30	4.5	6.5	6.04	2.36	4.5	6.5	5.96	2.20	5.5	6.5
54	36	5.52	2.30	4.5	6.5	6.04	2.36	4.5	6.5	5.96	2.20	5.5	6.5
54	37	5.52	2.30	4.5	6.5	6.04	2.36	4.5	6.5	5.96	2.20	5.5	6.5
55	0	4.89	4.05	1.5	7.5	8.09	4.20	5.5	10.5	8.61	3.91	6.5	10.5
55	1	5.53	4.10	1.5	8.5	8.09	4.20	5.5	10.5	8.61	3.91	6.5	10.5
55	2	5.78	4.19	2.5	8.5	8.09	4.20	5.5	10.5	8.61	3.91	6.5	10.5
55	3	6.06	4.24	2.5	9.5	8.09	4.20	5.5	10.5	8.61	3.91	6.5	10.5
55	4	6.35	4.27	2.5	9.5	8.09	4.20	5.5	10.5	8.61	3.91	6.5	10.5
55	5	6.64	4.28	2.5	9.5	8.09	4.20	5.5	10.5	8.61	3.91	6.5	10.5
55	6	6.92	4.25	3.5	9.5	8.09	4.20	5.5	10.5	8.61	3.91	6.5	10.5
55	7	7.16	4.21	3.5	9.5	8.09	4.20	5.5	10.5	8.61	3.91	6.5	10.5
55	8	7.37	4.16	4.5	10.5	8.09	4.20	5.5	10.5	8.61	3.91	6.5	10.5
55	9	7.54	4.11	4.5	10.5	8.09	4.20	5.5	10.5	8.61	3.91	6.5	10.5
55	10	7.65	4.06	4.5	10.5	8.09	4.20	5.5	10.5	8.60	3.90	6.5	10.5
55	11	7.69	3.99	5.5	10.5	8.09	4.20	5.5	10.5	8.55	3.86	6.5	10.5
55	12	7.70	3.94	5.5	10.5	8.09	4.20	5.5	10.5	8.49	3.82	6.5	10.5
55	13	7.68	3.89	5.5	10.5	8.09	4.20	5.5	10.5	8.42	3.80	6.5	10.5
55	14	7.66	3.87	5.5	10.5	8.09	4.20	5.5	10.5	8.36	3.79	6.5	10.5
55	15	7.62	3.86	5.5	9.5	8.09	4.20	5.5	10.5	8.28	3.79	6.5	10.5
55	16	7.55	3.83	4.5	9.5	8.07	4.17	5.5	10.5	8.18	3.78	6.5	10.5
55	17	7.46	3.80	4.5	9.5	7.84	4.18	4.5	10.5	8.05	3.74	5.5	10.5
55	18	7.36	3.79	4.5	9.5	8.01	4.06	5.5	10.5	7.92	3.76	5.5	10.5
55	19	7.26	3.82	4.5	9.5	7.99	4.03	5.5	10.5	7.79	3.80	5.5	10.5
55	20	7.20	3.81	4.5	9.5	7.96	3.99	5.5	10.5	7.71	3.82	5.5	10.5
55	21	6.99	3.55	4.5	9.5	7.62	3.65	5.5	9.5	7.45	3.55	5.5	9.5
55	22	6.76	3.31	4.5	8.5	7.26	3.34	5.5	9.5	7.17	3.31	5.5	8.5
55	23	6.43	3.04	4.5	8.5	6.83	3.02	4.5	8.5	6.79	3.05	5.5	8.5
55	24	5.75	2.60	4.5	6.5	6.19	2.67	4.5	7.5	6.04	2.62	5.5	7.5
55	25	4.81	2.01	4.5	5.5	5.27	2.15	4.5	6.5	5.01	2.04	4.5	5.5
55	26	4.83	2.01	4.5	5.5	5.27	2.15	4.5	6.5	5.04	2.05	4.5	5.5
55	27	4.84	2.00	4.5	5.5	5.27	2.15	4.5	6.5	5.07	2.04	4.5	5.5
55	28	4.82	2.01	4.5	5.5	5.27	2.15	4.5	6.5	5.10	2.03	4.5	5.5
55	29	4.80	2.02	4.5	5.5	5.27	2.15	4.5	6.5	5.13	2.00	4.5	5.5
55	30	4.79	2.04	4.5	5.5	5.27	2.15	4.5	6.5	5.15	1.99	4.5	5.5
55	31	4.79	2.04	4.5	5.5	5.27	2.15	4.5	6.5	5.15	1.99	4.5	5.5

55	32	4.79	2.04	4.5	5.5	5.27	2.15	4.5	6.5	5.15	1.99	4.5	5.5
55	33	4.79	2.04	4.5	5.5	5.27	2.15	4.5	6.5	5.15	1.99	4.5	5.5
55	34	4.79	2.04	4.5	5.5	5.27	2.15	4.5	6.5	5.15	1.99	4.5	5.5
55	35	4.79	2.04	4.5	5.5	5.27	2.15	4.5	6.5	5.15	1.99	4.5	5.5
55	36	4.79	2.04	4.5	5.5	5.27	2.15	4.5	6.5	5.15	1.99	4.5	5.5
55	37	4.79	2.04	4.5	5.5	5.27	2.15	4.5	6.5	5.15	1.99	4.5	5.5
55	38	4.79	2.04	4.5	5.5	5.27	2.15	4.5	6.5	5.15	1.99	4.5	5.5
56	0	4.55	3.72	1.5	6.5	7.39	4.03	4.5	9.5	7.84	3.72	5.5	9.5
56	1	5.14	3.77	1.5	7.5	7.39	4.03	4.5	9.5	7.84	3.72	5.5	9.5
56	2	5.35	3.85	1.5	8.5	7.39	4.03	4.5	9.5	7.84	3.72	5.5	9.5
56	3	5.59	3.91	2.5	8.5	7.39	4.03	4.5	9.5	7.84	3.72	5.5	9.5
56	4	5.85	3.94	2.5	8.5	7.39	4.03	4.5	9.5	7.84	3.72	5.5	9.5
56	5	6.11	3.95	2.5	8.5	7.39	4.03	4.5	9.5	7.84	3.72	5.5	9.5
56	6	6.35	3.94	3.5	8.5	7.39	4.03	4.5	9.5	7.84	3.72	5.5	9.5
56	7	6.57	3.91	3.5	9.5	7.39	4.03	4.5	9.5	7.84	3.72	5.5	9.5
56	8	6.76	3.87	3.5	9.5	7.39	4.03	4.5	9.5	7.84	3.72	5.5	9.5
56	9	6.91	3.84	4.5	9.5	7.39	4.03	4.5	9.5	7.84	3.72	5.5	9.5
56	10	7.01	3.80	4.5	9.5	7.39	4.03	4.5	9.5	7.84	3.72	5.5	9.5
56	11	7.08	3.77	4.5	9.5	7.39	4.03	4.5	9.5	7.82	3.70	5.5	9.5
56	12	7.09	3.71	4.5	9.5	7.39	4.03	4.5	9.5	7.78	3.66	5.5	9.5
56	13	7.08	3.67	4.5	9.5	7.39	4.03	4.5	9.5	7.72	3.63	5.5	9.5
56	14	7.04	3.64	5.5	9.5	7.39	4.03	4.5	9.5	7.65	3.60	5.5	9.5
56	15	7.00	3.62	4.5	9.5	7.39	4.03	4.5	9.5	7.58	3.60	5.5	9.5
56	16	6.95	3.62	4.5	9.5	7.39	4.03	4.5	9.5	7.50	3.60	5.5	9.5
56	17	6.88	3.60	4.5	9.5	7.38	4.00	4.5	9.5	7.40	3.60	5.5	9.5
56	18	6.78	3.57	4.5	9.5	7.15	4.00	4.5	9.5	7.27	3.57	5.5	9.5
56	19	6.67	3.58	4.5	8.5	7.31	3.89	4.5	9.5	7.13	3.59	5.5	9.5
56	20	6.62	3.57	4.5	8.5	7.29	3.86	4.5	9.5	7.06	3.60	4.5	9.5
56	21	6.62	3.53	4.5	8.5	7.26	3.81	4.5	9.5	7.04	3.58	4.5	9.5
56	22	6.39	3.26	4.5	8.5	6.91	3.46	4.5	9.5	6.77	3.30	4.5	8.5
56	23	6.14	3.01	4.5	7.5	6.54	3.15	4.5	8.5	6.47	3.05	4.5	8.5
56	24	5.78	2.75	4.5	7.5	6.09	2.83	4.5	7.5	6.08	2.80	4.5	7.5
56	25	5.06	2.33	4.5	6.5	5.44	2.48	4.5	6.5	5.29	2.39	4.5	6.5
56	26	4.06	1.77	3.5	4.5	4.49	1.95	3.5	5.5	4.22	1.84	3.5	4.5
56	27	4.08	1.77	3.5	4.5	4.49	1.95	3.5	5.5	4.25	1.85	3.5	4.5
56	28	4.08	1.77	3.5	4.5	4.49	1.95	3.5	5.5	4.28	1.84	3.5	4.5
56	29	4.06	1.78	3.5	4.5	4.49	1.95	3.5	5.5	4.31	1.82	3.5	4.5
56	30	4.05	1.79	3.5	4.5	4.49	1.95	3.5	5.5	4.32	1.81	3.5	4.5
56	31	4.05	1.79	3.5	4.5	4.49	1.95	3.5	5.5	4.32	1.81	3.5	4.5
56	32	4.05	1.79	3.5	4.5	4.49	1.95	3.5	5.5	4.32	1.81	3.5	4.5
56	33	4.05	1.79	3.5	4.5	4.49	1.95	3.5	5.5	4.32	1.81	3.5	4.5
56	34	4.05	1.79	3.5	4.5	4.49	1.95	3.5	5.5	4.32	1.81	3.5	4.5
56	35	4.05	1.79	3.5	4.5	4.49	1.95	3.5	5.5	4.32	1.81	3.5	4.5
56	36	4.05	1.79	3.5	4.5	4.49	1.95	3.5	5.5	4.32	1.81	3.5	4.5
56	37	4.05	1.79	3.5	4.5	4.49	1.95	3.5	5.5	4.32	1.81	3.5	4.5
56	38	4.05	1.79	3.5	4.5	4.49	1.95	3.5	5.5	4.32	1.81	3.5	4.5
56	39	4.05	1.79	3.5	4.5	4.49	1.95	3.5	5.5	4.32	1.81	3.5	4.5
57	0	4.20	3.40	1.5	6.5	6.72	3.86	4.5	8.5	7.07	3.53	4.5	8.5
57	1	4.73	3.44	1.5	7.5	6.72	3.86	4.5	8.5	7.07	3.53	4.5	8.5
57	2	4.91	3.52	1.5	7.5	6.72	3.86	4.5	8.5	7.07	3.53	4.5	8.5
57	3	5.12	3.58	2.5	7.5	6.72	3.86	4.5	8.5	7.07	3.53	4.5	8.5
57	4	5.35	3.62	2.5	7.5	6.72	3.86	4.5	8.5	7.07	3.53	4.5	8.5

57	5	5.57	3.64	2.5	7.5	6.72	3.86	4.5	8.5	7.07	3.53	4.5	8.5
57	6	5.78	3.64	2.5	8.5	6.72	3.86	4.5	8.5	7.07	3.53	4.5	8.5
57	7	5.98	3.63	3.5	8.5	6.72	3.86	4.5	8.5	7.07	3.53	4.5	8.5
57	8	6.14	3.60	3.5	8.5	6.72	3.86	4.5	8.5	7.07	3.53	4.5	8.5
57	9	6.27	3.58	4.5	8.5	6.72	3.86	4.5	8.5	7.07	3.53	4.5	8.5
57	10	6.36	3.55	4.5	8.5	6.72	3.86	4.5	8.5	7.07	3.53	4.5	8.5
57	11	6.43	3.54	4.5	8.5	6.72	3.86	4.5	8.5	7.07	3.53	4.5	8.5
57	12	6.47	3.51	4.5	8.5	6.72	3.86	4.5	8.5	7.06	3.52	4.5	8.5
57	13	6.46	3.47	4.5	8.5	6.72	3.86	4.5	8.5	7.01	3.48	4.5	8.5
57	14	6.42	3.43	4.5	8.5	6.72	3.86	4.5	8.5	6.94	3.45	4.5	8.5
57	15	6.38	3.40	4.5	8.5	6.72	3.86	4.5	8.5	6.87	3.43	4.5	8.5
57	16	6.33	3.40	4.5	8.5	6.72	3.86	4.5	8.5	6.80	3.42	4.5	8.5
57	17	6.27	3.40	4.5	8.5	6.72	3.86	4.5	8.5	6.72	3.43	4.5	8.5
57	18	6.19	3.39	4.5	8.5	6.71	3.82	4.5	8.5	6.62	3.43	4.5	8.5
57	19	6.09	3.37	3.5	8.5	6.51	3.81	3.5	8.5	6.48	3.41	4.5	8.5
57	20	6.03	3.35	3.5	8.5	6.64	3.70	4.5	8.5	6.40	3.40	4.5	8.5
57	21	6.02	3.31	3.5	8.5	6.62	3.67	4.5	8.5	6.38	3.37	4.5	8.5
57	22	6.01	3.27	3.5	8.5	6.59	3.63	4.5	8.5	6.37	3.35	4.5	8.5
57	23	5.77	2.99	3.5	7.5	6.23	3.27	3.5	8.5	6.08	3.06	4.5	7.5
57	24	5.50	2.74	4.5	6.5	5.84	2.95	3.5	7.5	5.77	2.81	4.5	7.5
57	25	5.11	2.48	4.5	6.5	5.38	2.63	3.5	6.5	5.36	2.57	4.5	6.5
57	26	4.34	2.10	3.5	5.5	4.71	2.28	3.5	5.5	4.52	2.20	3.5	5.5
57	27	3.28	1.59	2.5	3.5	3.72	1.77	3.5	4.5	3.40	1.68	2.5	3.5
57	28	3.29	1.58	2.5	3.5	3.72	1.77	3.5	4.5	3.43	1.69	2.5	3.5
57	29	3.29	1.59	2.5	3.5	3.72	1.77	3.5	4.5	3.46	1.67	2.5	3.5
57	30	3.28	1.59	2.5	3.5	3.72	1.77	3.5	4.5	3.48	1.66	2.5	3.5
57	31	3.28	1.59	2.5	3.5	3.72	1.77	3.5	4.5	3.48	1.66	2.5	3.5
57	32	3.28	1.59	2.5	3.5	3.72	1.77	3.5	4.5	3.48	1.66	2.5	3.5
57	33	3.28	1.59	2.5	3.5	3.72	1.77	3.5	4.5	3.48	1.66	2.5	3.5
57	34	3.28	1.59	2.5	3.5	3.72	1.77	3.5	4.5	3.48	1.66	2.5	3.5
57	35	3.28	1.59	2.5	3.5	3.72	1.77	3.5	4.5	3.48	1.66	2.5	3.5
57	36	3.28	1.59	2.5	3.5	3.72	1.77	3.5	4.5	3.48	1.66	2.5	3.5
57	37	3.28	1.59	2.5	3.5	3.72	1.77	3.5	4.5	3.48	1.66	2.5	3.5
57	38	3.28	1.59	2.5	3.5	3.72	1.77	3.5	4.5	3.48	1.66	2.5	3.5
57	39	3.28	1.59	2.5	3.5	3.72	1.77	3.5	4.5	3.48	1.66	2.5	3.5
57	40	3.28	1.59	2.5	3.5	3.72	1.77	3.5	4.5	3.48	1.66	2.5	3.5
58	0	4.09	3.28	1.5	6.5	6.11	3.65	3.5	7.5	6.83	3.43	4.5	8.5
58	1	4.30	3.13	1.5	6.5	6.08	3.68	3.5	7.5	6.30	3.37	4.5	7.5
58	2	4.45	3.21	1.5	6.5	6.08	3.68	3.5	7.5	6.30	3.37	4.5	7.5
58	3	4.63	3.27	2.5	6.5	6.08	3.68	3.5	7.5	6.30	3.37	4.5	7.5
58	4	4.82	3.32	2.5	6.5	6.08	3.68	3.5	7.5	6.30	3.37	4.5	7.5
58	5	5.02	3.35	2.5	7.5	6.08	3.68	3.5	7.5	6.30	3.37	4.5	7.5
58	6	5.20	3.37	2.5	7.5	6.08	3.68	3.5	7.5	6.30	3.37	4.5	7.5
58	7	5.37	3.36	3.5	7.5	6.08	3.68	3.5	7.5	6.30	3.37	4.5	7.5
58	8	5.51	3.35	3.5	7.5	6.08	3.68	3.5	7.5	6.30	3.37	4.5	7.5
58	9	5.62	3.34	3.5	7.5	6.08	3.68	3.5	7.5	6.30	3.37	4.5	7.5
58	10	5.70	3.32	3.5	7.5	6.08	3.68	3.5	7.5	6.30	3.37	4.5	7.5
58	11	5.76	3.32	3.5	7.5	6.08	3.68	3.5	7.5	6.30	3.37	4.5	7.5
58	12	5.80	3.31	3.5	7.5	6.08	3.68	3.5	7.5	6.30	3.37	4.5	7.5
58	13	5.82	3.29	3.5	7.5	6.08	3.68	3.5	7.5	6.29	3.35	4.5	7.5
58	14	5.79	3.25	3.5	7.5	6.08	3.68	3.5	7.5	6.24	3.32	4.5	7.5
58	15	5.75	3.22	3.5	7.5	6.08	3.68	3.5	7.5	6.17	3.28	4.5	7.5

58	16	5.70	3.20	3.5	7.5	6.08	3.68	3.5	7.5	6.09	3.27	4.5	7.5
58	17	5.65	3.20	3.5	7.5	6.08	3.68	3.5	7.5	6.03	3.27	3.5	7.5
58	18	5.58	3.21	3.5	7.5	6.08	3.68	3.5	7.5	5.94	3.29	3.5	7.5
58	19	5.49	3.21	3.5	7.5	6.06	3.65	3.5	7.5	5.83	3.29	3.5	7.5
58	20	5.43	3.16	3.5	7.5	5.89	3.62	3.5	7.5	5.75	3.24	3.5	7.5
58	21	5.42	3.11	3.5	7.5	6.00	3.52	3.5	7.5	5.72	3.19	3.5	7.5
58	22	5.41	3.07	3.5	7.5	5.97	3.48	3.5	7.5	5.70	3.16	3.5	7.5
58	23	5.40	3.03	3.5	7.5	5.93	3.44	3.5	7.5	5.68	3.14	3.5	7.5
58	24	5.13	2.74	3.5	6.5	5.56	3.07	3.5	7.5	5.38	2.84	3.5	6.5
58	25	4.83	2.49	3.5	6.5	5.16	2.75	3.5	6.5	5.06	2.60	3.5	6.5
58	26	4.42	2.25	3.5	5.5	4.67	2.43	3.5	5.5	4.62	2.37	3.5	5.5
58	27	3.59	1.91	2.5	4.5	3.97	2.10	3.5	4.5	3.74	2.04	2.5	4.5
58	28	2.46	1.46	1.5	2.5	2.94	1.62	2.5	3.5	2.56	1.58	1.5	2.5
58	29	2.47	1.46	1.5	2.5	2.94	1.62	2.5	3.5	2.59	1.58	1.5	2.5
58	30	2.47	1.46	1.5	2.5	2.94	1.62	2.5	3.5	2.61	1.58	1.5	2.5
58	31	2.47	1.46	1.5	2.5	2.94	1.62	2.5	3.5	2.61	1.58	1.5	2.5
58	32	2.47	1.46	1.5	2.5	2.94	1.62	2.5	3.5	2.61	1.58	1.5	2.5
58	33	2.47	1.46	1.5	2.5	2.94	1.62	2.5	3.5	2.61	1.58	1.5	2.5
58	34	2.47	1.46	1.5	2.5	2.94	1.62	2.5	3.5	2.61	1.58	1.5	2.5
58	35	2.47	1.46	1.5	2.5	2.94	1.62	2.5	3.5	2.61	1.58	1.5	2.5
58	36	2.47	1.46	1.5	2.5	2.94	1.62	2.5	3.5	2.61	1.58	1.5	2.5
58	37	2.47	1.46	1.5	2.5	2.94	1.62	2.5	3.5	2.61	1.58	1.5	2.5
58	38	2.47	1.46	1.5	2.5	2.94	1.62	2.5	3.5	2.61	1.58	1.5	2.5
58	39	2.47	1.46	1.5	2.5	2.94	1.62	2.5	3.5	2.61	1.58	1.5	2.5
58	40	2.47	1.46	1.5	2.5	2.94	1.62	2.5	3.5	2.61	1.58	1.5	2.5
58	41	2.47	1.46	1.5	2.5	2.94	1.62	2.5	3.5	2.61	1.58	1.5	2.5
59	0	3.92	3.12	1.5	5.5	5.46	3.44	2.5	7.5	6.46	3.32	4.5	7.5
59	1	4.18	3.01	1.5	5.5	5.46	3.49	2.5	7.5	6.08	3.26	4.5	7.5
59	2	3.97	2.92	1.5	5.5	5.44	3.52	2.5	7.5	5.53	3.23	3.5	6.5
59	3	4.12	2.99	1.5	5.5	5.44	3.52	2.5	7.5	5.53	3.23	3.5	6.5
59	4	4.28	3.05	2.5	5.5	5.44	3.52	2.5	7.5	5.53	3.23	3.5	6.5
59	5	4.44	3.09	2.5	6.5	5.44	3.52	2.5	7.5	5.53	3.23	3.5	6.5
59	6	4.60	3.12	2.5	6.5	5.44	3.52	2.5	7.5	5.53	3.23	3.5	6.5
59	7	4.74	3.13	2.5	6.5	5.44	3.52	2.5	7.5	5.53	3.23	3.5	6.5
59	8	4.86	3.13	2.5	6.5	5.44	3.52	2.5	7.5	5.53	3.23	3.5	6.5
59	9	4.96	3.13	2.5	6.5	5.44	3.52	2.5	7.5	5.53	3.23	3.5	6.5
59	10	5.03	3.13	2.5	6.5	5.44	3.52	2.5	7.5	5.53	3.23	3.5	6.5
59	11	5.08	3.12	2.5	6.5	5.44	3.52	2.5	7.5	5.53	3.23	3.5	6.5
59	12	5.12	3.12	2.5	6.5	5.44	3.52	2.5	7.5	5.53	3.23	3.5	6.5
59	13	5.14	3.12	2.5	6.5	5.44	3.52	2.5	7.5	5.53	3.23	3.5	6.5
59	14	5.14	3.11	3.5	6.5	5.44	3.52	2.5	7.5	5.51	3.21	3.5	6.5
59	15	5.11	3.07	3.5	6.5	5.44	3.52	2.5	7.5	5.46	3.17	3.5	6.5
59	16	5.06	3.04	3.5	6.5	5.44	3.52	2.5	7.5	5.39	3.14	3.5	6.5
59	17	5.00	3.03	2.5	6.5	5.44	3.52	2.5	7.5	5.32	3.13	3.5	6.5
59	18	4.94	3.03	2.5	6.5	5.44	3.52	2.5	7.5	5.24	3.14	3.5	6.5
59	19	4.87	3.05	2.5	6.5	5.44	3.52	2.5	7.5	5.16	3.16	3.5	6.5
59	20	4.82	3.03	2.5	6.5	5.42	3.48	2.5	7.5	5.09	3.14	2.5	6.5
59	21	4.80	2.96	2.5	6.5	5.29	3.43	2.5	7.5	5.06	3.06	2.5	6.5
59	22	4.79	2.91	2.5	6.5	5.35	3.34	2.5	7.5	5.03	3.01	2.5	6.5
59	23	4.78	2.86	2.5	6.5	5.33	3.31	2.5	7.5	5.01	2.98	2.5	6.5
59	24	4.76	2.82	2.5	6.5	5.29	3.26	2.5	6.5	4.99	2.95	2.5	6.5
59	25	4.47	2.53	2.5	5.5	4.89	2.89	2.5	6.5	4.67	2.66	2.5	5.5

59	26	4.14	2.28	2.5	5.5	4.47	2.57	2.5	5.5	4.33	2.42	2.5	5.5
59	27	3.69	2.07	2.5	4.5	3.95	2.26	2.5	4.5	3.86	2.21	2.5	4.5
59	28	2.80	1.79	1.5	3.5	3.22	1.96	2.5	3.5	2.93	1.93	1.5	3.5
59	29	1.59	1.42	0.5	1.5	2.12	1.53	1.5	2.5	1.68	1.55	0.5	1.5
59	30	1.60	1.42	0.5	1.5	2.12	1.53	1.5	2.5	1.70	1.55	0.5	1.5
59	31	1.60	1.42	0.5	1.5	2.12	1.53	1.5	2.5	1.70	1.55	0.5	1.5
59	32	1.60	1.42	0.5	1.5	2.12	1.53	1.5	2.5	1.70	1.55	0.5	1.5
59	33	1.60	1.42	0.5	1.5	2.12	1.53	1.5	2.5	1.70	1.55	0.5	1.5
59	34	1.60	1.42	0.5	1.5	2.12	1.53	1.5	2.5	1.70	1.55	0.5	1.5
59	35	1.60	1.42	0.5	1.5	2.12	1.53	1.5	2.5	1.70	1.55	0.5	1.5
59	36	1.60	1.42	0.5	1.5	2.12	1.53	1.5	2.5	1.70	1.55	0.5	1.5
59	37	1.60	1.42	0.5	1.5	2.12	1.53	1.5	2.5	1.70	1.55	0.5	1.5
59	38	1.60	1.42	0.5	1.5	2.12	1.53	1.5	2.5	1.70	1.55	0.5	1.5
59	39	1.60	1.42	0.5	1.5	2.12	1.53	1.5	2.5	1.70	1.55	0.5	1.5
59	40	1.60	1.42	0.5	1.5	2.12	1.53	1.5	2.5	1.70	1.55	0.5	1.5
59	41	1.60	1.42	0.5	1.5	2.12	1.53	1.5	2.5	1.70	1.55	0.5	1.5
59	42	1.60	1.42	0.5	1.5	2.12	1.53	1.5	2.5	1.70	1.55	0.5	1.5
60	0	3.67	2.91	1.5	5.5	4.75	3.19	2.5	6.5	5.97	3.22	4.5	7.5
60	1	3.98	2.84	1.5	5.5	4.82	3.29	2.5	6.5	5.72	3.15	4.5	6.5
60	2	3.86	2.79	1.5	5.5	4.83	3.34	2.5	6.5	5.33	3.11	3.5	6.5
60	3	3.58	2.74	1.5	5.5	4.83	3.36	2.5	6.5	4.75	3.12	2.5	5.5
60	4	3.71	2.81	1.5	5.5	4.83	3.36	2.5	6.5	4.75	3.12	2.5	5.5
60	5	3.85	2.87	1.5	5.5	4.83	3.36	2.5	6.5	4.75	3.12	2.5	5.5
60	6	3.98	2.91	1.5	5.5	4.83	3.36	2.5	6.5	4.75	3.12	2.5	5.5
60	7	4.10	2.94	1.5	5.5	4.83	3.36	2.5	6.5	4.75	3.12	2.5	5.5
60	8	4.20	2.95	2.5	5.5	4.83	3.36	2.5	6.5	4.75	3.12	2.5	5.5
60	9	4.28	2.96	2.5	5.5	4.83	3.36	2.5	6.5	4.75	3.12	2.5	5.5
60	10	4.34	2.97	2.5	5.5	4.83	3.36	2.5	6.5	4.75	3.12	2.5	5.5
60	11	4.38	2.97	2.5	5.5	4.83	3.36	2.5	6.5	4.75	3.12	2.5	5.5
60	12	4.41	2.97	2.5	5.5	4.83	3.36	2.5	6.5	4.75	3.12	2.5	5.5
60	13	4.43	2.98	2.5	5.5	4.83	3.36	2.5	6.5	4.75	3.12	2.5	5.5
60	14	4.44	2.98	2.5	5.5	4.83	3.36	2.5	6.5	4.75	3.12	2.5	5.5
60	15	4.44	2.97	2.5	5.5	4.83	3.36	2.5	6.5	4.74	3.10	2.5	5.5
60	16	4.40	2.93	2.5	5.5	4.83	3.36	2.5	6.5	4.68	3.06	2.5	5.5
60	17	4.34	2.91	2.5	5.5	4.83	3.36	2.5	6.5	4.61	3.04	2.5	5.5
60	18	4.28	2.90	2.5	5.5	4.83	3.36	2.5	6.5	4.53	3.03	2.5	5.5
60	19	4.21	2.91	2.5	5.5	4.83	3.36	2.5	6.5	4.45	3.04	2.5	5.5
60	20	4.18	2.92	2.5	5.5	4.83	3.36	2.5	6.5	4.41	3.05	2.5	5.5
60	21	4.18	2.88	2.5	5.5	4.82	3.32	2.5	6.5	4.39	3.01	2.5	5.5
60	22	4.15	2.80	2.5	5.5	4.74	3.24	2.5	6.5	4.35	2.92	2.5	5.5
60	23	4.13	2.74	2.5	5.5	4.74	3.18	2.5	6.5	4.33	2.87	2.5	5.5
60	24	4.12	2.70	2.5	5.5	4.71	3.14	2.5	6.5	4.30	2.83	2.5	5.5
60	25	4.09	2.65	2.5	5.5	4.67	3.09	2.5	6.5	4.28	2.81	2.5	5.5
60	26	3.77	2.36	2.5	4.5	4.24	2.72	2.5	5.5	3.94	2.51	2.5	4.5
60	27	3.42	2.13	2.5	4.5	3.79	2.41	2.5	4.5	3.57	2.28	2.5	4.5
60	28	2.94	1.94	1.5	3.5	3.23	2.12	2.5	3.5	3.08	2.10	1.5	3.5
60	29	1.98	1.74	0.5	2.5	2.46	1.86	1.5	2.5	2.09	1.89	0.5	2.5
60	30	1.35	1.53	0.5	1.5	1.27	1.51	0.5	1.5	1.44	1.68	0.5	1.5
60	31	1.35	1.53	0.5	1.5	1.27	1.51	0.5	1.5	1.44	1.68	0.5	1.5
60	32	1.35	1.53	0.5	1.5	1.27	1.51	0.5	1.5	1.44	1.68	0.5	1.5
60	33	1.35	1.53	0.5	1.5	1.27	1.51	0.5	1.5	1.44	1.68	0.5	1.5
60	34	1.35	1.53	0.5	1.5	1.27	1.51	0.5	1.5	1.44	1.68	0.5	1.5

60	35	1.35	1.53	0.5	1.5	1.27	1.51	0.5	1.5	1.44	1.68	0.5	1.5
60	36	1.35	1.53	0.5	1.5	1.27	1.51	0.5	1.5	1.44	1.68	0.5	1.5
60	37	1.35	1.53	0.5	1.5	1.27	1.51	0.5	1.5	1.44	1.68	0.5	1.5
60	38	1.35	1.53	0.5	1.5	1.27	1.51	0.5	1.5	1.44	1.68	0.5	1.5
60	39	1.35	1.53	0.5	1.5	1.27	1.51	0.5	1.5	1.44	1.68	0.5	1.5
60	40	1.35	1.53	0.5	1.5	1.27	1.51	0.5	1.5	1.44	1.68	0.5	1.5
60	41	1.35	1.53	0.5	1.5	1.27	1.51	0.5	1.5	1.44	1.68	0.5	1.5
60	42	1.35	1.53	0.5	1.5	1.27	1.51	0.5	1.5	1.44	1.68	0.5	1.5
60	43	1.35	1.53	0.5	1.5	1.27	1.51	0.5	1.5	1.44	1.68	0.5	1.5
61	0	3.90	3.18	1.5	5.5	4.59	3.44	1.5	6.5	6.46	3.49	4.5	7.5
61	1	3.68	2.65	1.5	4.5	4.13	3.07	1.5	5.5	5.23	3.05	3.5	6.5
61	2	3.64	2.63	1.5	4.5	4.21	3.17	1.5	5.5	4.98	3.00	3.5	5.5
61	3	3.46	2.61	1.5	4.5	4.24	3.21	1.5	5.5	4.56	2.99	2.5	5.5
61	4	3.10	2.63	1.5	4.5	4.27	3.22	1.5	5.5	3.96	3.04	1.5	5.5
61	5	3.21	2.70	1.5	4.5	4.27	3.22	1.5	5.5	3.96	3.04	1.5	5.5
61	6	3.32	2.75	1.5	4.5	4.27	3.22	1.5	5.5	3.96	3.04	1.5	5.5
61	7	3.42	2.79	1.5	4.5	4.27	3.22	1.5	5.5	3.96	3.04	1.5	5.5
61	8	3.50	2.82	1.5	4.5	4.27	3.22	1.5	5.5	3.96	3.04	1.5	5.5
61	9	3.57	2.84	1.5	4.5	4.27	3.22	1.5	5.5	3.96	3.04	1.5	5.5
61	10	3.62	2.86	1.5	4.5	4.27	3.22	1.5	5.5	3.96	3.04	1.5	5.5
61	11	3.66	2.87	1.5	4.5	4.27	3.22	1.5	5.5	3.96	3.04	1.5	5.5
61	12	3.68	2.87	1.5	4.5	4.27	3.22	1.5	5.5	3.96	3.04	1.5	5.5
61	13	3.70	2.88	1.5	4.5	4.27	3.22	1.5	5.5	3.96	3.04	1.5	5.5
61	14	3.71	2.88	1.5	4.5	4.27	3.22	1.5	5.5	3.96	3.04	1.5	5.5
61	15	3.72	2.89	1.5	4.5	4.27	3.22	1.5	5.5	3.96	3.04	1.5	5.5
61	16	3.71	2.88	1.5	4.5	4.27	3.22	1.5	5.5	3.94	3.03	1.5	4.5
61	17	3.66	2.84	1.5	4.5	4.27	3.22	1.5	5.5	3.88	2.99	1.5	4.5
61	18	3.60	2.82	1.5	4.5	4.27	3.22	1.5	5.5	3.81	2.97	1.5	4.5
61	19	3.53	2.82	1.5	4.5	4.27	3.22	1.5	5.5	3.72	2.96	1.5	4.5
61	20	3.50	2.82	1.5	4.5	4.27	3.22	1.5	5.5	3.69	2.97	1.5	4.5
61	21	3.51	2.82	1.5	4.5	4.27	3.22	1.5	5.5	3.69	2.97	1.5	4.5
61	22	3.50	2.78	1.5	4.5	4.25	3.18	1.5	5.5	3.67	2.92	1.5	4.5
61	23	3.47	2.69	1.5	4.5	4.20	3.08	1.5	5.5	3.63	2.83	1.5	4.5
61	24	3.44	2.63	1.5	4.5	4.17	3.02	1.5	5.5	3.60	2.78	1.5	4.5
61	25	3.42	2.59	1.5	4.5	4.14	2.98	1.5	5.5	3.57	2.74	1.5	4.5
61	26	3.39	2.54	1.5	4.5	4.09	2.93	1.5	5.5	3.55	2.71	1.5	4.5
61	27	3.04	2.25	1.5	3.5	3.62	2.57	1.5	4.5	3.18	2.42	1.5	4.5
61	28	2.66	2.03	1.5	3.5	3.12	2.28	1.5	3.5	2.79	2.20	1.5	3.5
61	29	2.13	1.88	0.5	2.5	2.51	2.04	1.5	3.5	2.26	2.05	0.5	2.5
61	30	1.63	1.75	0.5	2.5	1.67	1.84	0.5	2.5	1.75	1.92	0.5	2.5
61	31	1.63	1.75	0.5	2.5	1.67	1.84	0.5	2.5	1.75	1.92	0.5	2.5
61	32	1.63	1.75	0.5	2.5	1.67	1.84	0.5	2.5	1.75	1.92	0.5	2.5
61	33	1.63	1.75	0.5	2.5	1.67	1.84	0.5	2.5	1.75	1.92	0.5	2.5
61	34	1.63	1.75	0.5	2.5	1.67	1.84	0.5	2.5	1.75	1.92	0.5	2.5
61	35	1.63	1.75	0.5	2.5	1.67	1.84	0.5	2.5	1.75	1.92	0.5	2.5
61	36	1.63	1.75	0.5	2.5	1.67	1.84	0.5	2.5	1.75	1.92	0.5	2.5
61	37	1.63	1.75	0.5	2.5	1.67	1.84	0.5	2.5	1.75	1.92	0.5	2.5
61	38	1.63	1.75	0.5	2.5	1.67	1.84	0.5	2.5	1.75	1.92	0.5	2.5
61	39	1.63	1.75	0.5	2.5	1.67	1.84	0.5	2.5	1.75	1.92	0.5	2.5
61	40	1.63	1.75	0.5	2.5	1.67	1.84	0.5	2.5	1.75	1.92	0.5	2.5
61	41	1.63	1.75	0.5	2.5	1.67	1.84	0.5	2.5	1.75	1.92	0.5	2.5
61	42	1.63	1.75	0.5	2.5	1.67	1.84	0.5	2.5	1.75	1.92	0.5	2.5

61	43	1.63	1.75	0.5	2.5	1.67	1.84	0.5	2.5	1.75	1.92	0.5	2.5
61	44	1.63	1.75	0.5	2.5	1.67	1.84	0.5	2.5	1.75	1.92	0.5	2.5
62	0	4.05	3.30	1.5	5.5	4.44	3.50	1.5	6.5	6.78	3.53	4.5	8.5
62	1	3.99	2.93	1.5	5.5	4.15	3.31	1.5	5.5	5.78	3.29	3.5	7.5
62	2	3.30	2.45	1.5	4.5	3.65	2.94	1.5	4.5	4.48	2.93	2.5	5.5
62	3	3.22	2.45	1.5	3.5	3.77	3.03	1.5	4.5	4.22	2.89	2.5	5.5
62	4	2.98	2.49	1.5	3.5	3.84	3.06	1.5	4.5	3.78	2.91	1.5	4.5
62	5	2.82	2.54	0.5	3.5	3.91	3.05	1.5	4.5	3.47	2.92	1.5	4.5
62	6	2.91	2.60	0.5	3.5	3.91	3.05	1.5	4.5	3.47	2.92	1.5	4.5
62	7	3.00	2.65	1.5	3.5	3.91	3.05	1.5	4.5	3.47	2.92	1.5	4.5
62	8	3.07	2.68	1.5	3.5	3.91	3.05	1.5	4.5	3.47	2.92	1.5	4.5
62	9	3.13	2.71	1.5	3.5	3.91	3.05	1.5	4.5	3.47	2.92	1.5	4.5
62	10	3.17	2.72	1.5	4.5	3.91	3.05	1.5	4.5	3.47	2.92	1.5	4.5
62	11	3.21	2.74	1.5	4.5	3.91	3.05	1.5	4.5	3.47	2.92	1.5	4.5
62	12	3.23	2.74	1.5	4.5	3.91	3.05	1.5	4.5	3.47	2.92	1.5	4.5
62	13	3.24	2.75	1.5	4.5	3.91	3.05	1.5	4.5	3.47	2.92	1.5	4.5
62	14	3.25	2.76	1.5	4.5	3.91	3.05	1.5	4.5	3.47	2.92	1.5	4.5
62	15	3.26	2.76	1.5	4.5	3.91	3.05	1.5	4.5	3.47	2.92	1.5	4.5
62	16	3.26	2.77	1.5	4.5	3.91	3.05	1.5	4.5	3.47	2.92	1.5	4.5
62	17	3.25	2.75	1.5	4.5	3.91	3.05	1.5	4.5	3.45	2.91	1.5	4.5
62	18	3.20	2.73	1.5	4.5	3.91	3.05	1.5	4.5	3.38	2.88	1.5	4.5
62	19	3.12	2.72	1.5	3.5	3.91	3.05	1.5	4.5	3.29	2.86	1.5	4.5
62	20	3.09	2.72	1.5	3.5	3.91	3.05	1.5	4.5	3.25	2.86	1.5	4.5
62	21	3.09	2.71	1.5	3.5	3.91	3.05	1.5	4.5	3.25	2.86	1.5	4.5
62	22	3.10	2.71	1.5	3.5	3.91	3.05	1.5	4.5	3.25	2.86	1.5	4.5
62	23	3.09	2.67	1.5	3.5	3.89	3.00	1.5	4.5	3.23	2.82	1.5	4.5
62	24	3.04	2.56	1.5	3.5	3.83	2.89	1.5	4.5	3.18	2.71	1.5	4.5
62	25	3.01	2.49	1.5	3.5	3.79	2.83	1.5	4.5	3.14	2.65	1.5	4.5
62	26	2.98	2.44	1.5	3.5	3.76	2.79	1.5	4.5	3.12	2.61	1.5	4.5
62	27	2.94	2.40	1.5	3.5	3.70	2.74	1.5	4.5	3.09	2.59	1.5	3.5
62	28	2.52	2.13	1.5	3.5	3.15	2.41	1.5	3.5	2.65	2.31	1.5	3.5
62	29	2.05	1.96	0.5	2.5	2.57	2.17	1.5	3.5	2.18	2.15	0.5	2.5
62	30	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
62	31	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
62	32	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
62	33	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
62	34	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
62	35	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
62	36	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
62	37	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
62	38	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
62	39	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
62	40	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
62	41	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
62	42	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
62	43	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
62	44	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
62	45	1.78	1.88	0.5	2.5	1.85	2.01	0.5	2.5	1.91	2.07	0.5	2.5
63	0	4.24	3.37	1.5	6.5	4.41	3.52	1.5	6.5	7.12	3.45	5.5	8.5
63	1	4.20	3.02	1.5	5.5	4.15	3.35	1.5	5.5	6.10	3.30	4.5	7.5
63	2	3.67	2.72	1.5	4.5	3.85	3.17	1.5	4.5	5.06	3.14	3.5	6.5
63	3	2.82	2.32	1.5	3.5	3.28	2.83	1.5	4.5	3.69	2.85	1.5	4.5

63	4	2.69	2.35	1.5	3.5	3.46	2.90	1.5	4.5	3.41	2.83	1.5	4.5
63	5	2.59	2.41	1.5	3.5	3.60	2.89	2.5	4.5	3.19	2.83	1.5	3.5
63	6	2.68	2.47	1.5	3.5	3.60	2.89	2.5	4.5	3.19	2.83	1.5	3.5
63	7	2.76	2.52	1.5	3.5	3.60	2.89	2.5	4.5	3.19	2.83	1.5	3.5
63	8	2.83	2.56	1.5	3.5	3.60	2.89	2.5	4.5	3.19	2.83	1.5	3.5
63	9	2.88	2.59	1.5	3.5	3.60	2.89	2.5	4.5	3.19	2.83	1.5	3.5
63	10	2.92	2.61	1.5	3.5	3.60	2.89	2.5	4.5	3.19	2.83	1.5	3.5
63	11	2.95	2.63	1.5	3.5	3.60	2.89	2.5	4.5	3.19	2.83	1.5	3.5
63	12	2.97	2.64	1.5	3.5	3.60	2.89	2.5	4.5	3.19	2.83	1.5	3.5
63	13	2.98	2.64	1.5	3.5	3.60	2.89	2.5	4.5	3.19	2.83	1.5	3.5
63	14	2.99	2.65	1.5	3.5	3.60	2.89	2.5	4.5	3.19	2.83	1.5	3.5
63	15	3.00	2.66	1.5	3.5	3.60	2.89	2.5	4.5	3.19	2.83	1.5	3.5
63	16	3.00	2.66	1.5	3.5	3.60	2.89	2.5	4.5	3.19	2.83	1.5	3.5
63	17	3.01	2.67	1.5	3.5	3.60	2.89	2.5	4.5	3.19	2.83	1.5	3.5
63	18	2.99	2.65	1.5	3.5	3.60	2.89	2.5	4.5	3.16	2.81	1.5	3.5
63	19	2.92	2.64	1.5	3.5	3.60	2.89	2.5	4.5	3.08	2.79	1.5	3.5
63	20	2.88	2.64	1.5	3.5	3.60	2.89	2.5	4.5	3.03	2.79	1.5	3.5
63	21	2.89	2.64	1.5	3.5	3.60	2.89	2.5	4.5	3.03	2.79	1.5	3.5
63	22	2.89	2.63	1.5	3.5	3.60	2.89	2.5	4.5	3.03	2.79	1.5	3.5
63	23	2.89	2.63	1.5	3.5	3.60	2.89	2.5	4.5	3.03	2.79	1.5	3.5
63	24	2.87	2.57	1.5	3.5	3.57	2.84	2.5	4.5	3.00	2.73	1.5	3.5
63	25	2.82	2.45	1.5	3.5	3.50	2.71	2.5	4.5	2.94	2.61	1.5	3.5
63	26	2.77	2.37	1.5	3.5	3.45	2.64	2.5	4.5	2.90	2.54	1.5	3.5
63	27	2.73	2.32	1.5	3.5	3.41	2.60	2.5	4.5	2.86	2.50	1.5	3.5
63	28	2.67	2.27	1.5	3.5	3.35	2.55	2.5	4.5	2.83	2.48	1.5	3.5
63	29	2.12	2.08	0.5	2.5	2.68	2.29	1.5	3.5	2.26	2.28	0.5	2.5
63	30	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	31	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	32	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	33	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	34	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	35	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	36	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	37	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	38	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	39	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	40	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	41	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	42	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	43	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	44	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	45	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
63	46	1.85	2.00	0.5	2.5	1.98	2.15	0.5	2.5	2.00	2.20	0.5	2.5
64	0	4.35	3.34	1.5	6.5	4.21	3.45	1.5	5.5	7.26	3.29	5.5	8.5
64	1	4.39	3.06	2.5	5.5	4.08	3.39	1.5	5.5	6.40	3.23	4.5	7.5
64	2	3.87	2.80	2.5	4.5	3.81	3.24	1.5	5.5	5.35	3.16	3.5	6.5
64	3	3.22	2.58	1.5	3.5	3.49	3.07	1.5	4.5	4.25	3.06	2.5	5.5
64	4	2.20	2.30	0.5	2.5	2.85	2.78	1.5	3.5	2.83	2.84	1.5	3.5
64	5	2.16	2.34	0.5	2.5	3.09	2.82	1.5	3.5	2.69	2.81	0.5	3.5
64	6	2.23	2.41	0.5	2.5	3.09	2.82	1.5	3.5	2.69	2.81	0.5	3.5
64	7	2.30	2.47	0.5	2.5	3.09	2.82	1.5	3.5	2.69	2.81	0.5	3.5
64	8	2.36	2.52	0.5	2.5	3.09	2.82	1.5	3.5	2.69	2.81	0.5	3.5

64	9	2.41	2.56	0.5	3.5	3.09	2.82	1.5	3.5	2.69	2.81	0.5	3.5
64	10	2.45	2.58	0.5	3.5	3.09	2.82	1.5	3.5	2.69	2.81	0.5	3.5
64	11	2.48	2.60	0.5	3.5	3.09	2.82	1.5	3.5	2.69	2.81	0.5	3.5
64	12	2.50	2.61	0.5	3.5	3.09	2.82	1.5	3.5	2.69	2.81	0.5	3.5
64	13	2.51	2.62	0.5	3.5	3.09	2.82	1.5	3.5	2.69	2.81	0.5	3.5
64	14	2.51	2.63	0.5	3.5	3.09	2.82	1.5	3.5	2.69	2.81	0.5	3.5
64	15	2.52	2.63	0.5	3.5	3.09	2.82	1.5	3.5	2.69	2.81	0.5	3.5
64	16	2.53	2.64	0.5	3.5	3.09	2.82	1.5	3.5	2.69	2.81	0.5	3.5
64	17	2.53	2.64	0.5	3.5	3.09	2.82	1.5	3.5	2.69	2.81	0.5	3.5
64	18	2.54	2.65	0.5	3.5	3.09	2.82	1.5	3.5	2.69	2.81	0.5	3.5
64	19	2.51	2.64	0.5	3.5	3.09	2.82	1.5	3.5	2.66	2.79	0.5	3.5
64	20	2.48	2.63	0.5	3.5	3.09	2.82	1.5	3.5	2.61	2.78	0.5	3.5
64	21	2.48	2.63	0.5	3.5	3.09	2.82	1.5	3.5	2.61	2.78	0.5	3.5
64	22	2.49	2.63	0.5	3.5	3.09	2.82	1.5	3.5	2.61	2.78	0.5	3.5
64	23	2.49	2.63	0.5	3.5	3.09	2.82	1.5	3.5	2.61	2.78	0.5	3.5
64	24	2.49	2.62	0.5	3.5	3.06	2.76	1.5	3.5	2.61	2.78	0.5	3.5
64	25	2.46	2.55	0.5	3.5	2.98	2.62	1.5	3.5	2.58	2.72	0.5	3.5
64	26	2.39	2.42	0.5	3.5	2.93	2.55	1.5	3.5	2.50	2.59	0.5	3.5
64	27	2.33	2.33	0.5	3.5	2.88	2.50	1.5	3.5	2.45	2.52	0.5	3.5
64	28	2.27	2.28	0.5	2.5	2.88	2.50	1.5	3.5	2.40	2.48	0.5	3.5
64	29	2.20	2.24	0.5	2.5	2.80	2.46	1.5	3.5	2.36	2.46	0.5	3.5
64	30	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	31	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	32	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	33	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	34	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	35	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	36	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	37	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	38	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	39	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	40	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	41	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	42	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	43	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	44	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	45	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	46	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
64	47	1.89	2.14	0.5	2.5	2.04	2.28	0.5	2.5	2.05	2.36	0.5	2.5
65	0	4.39	3.31	1.5	6.5	4.03	3.38	1.5	5.5	7.30	3.18	5.5	8.5
65	1	4.43	3.02	2.5	5.5	3.93	3.34	1.5	5.5	6.44	3.14	4.5	7.5
65	2	4.02	2.83	2.5	5.5	3.80	3.28	1.5	5.5	5.56	3.13	3.5	6.5
65	3	3.38	2.66	1.5	4.5	3.51	3.15	1.5	4.5	4.48	3.10	2.5	5.5
65	4	2.61	2.53	0.5	3.5	3.16	3.02	1.5	4.5	3.35	3.04	1.5	4.5
65	5	2.09	2.44	0.5	2.5	2.41	2.82	0.5	3.5	2.63	2.91	0.5	3.5
65	6	2.17	2.51	0.5	2.5	2.41	2.82	0.5	3.5	2.63	2.91	0.5	3.5
65	7	2.24	2.57	0.5	2.5	2.41	2.82	0.5	3.5	2.63	2.91	0.5	3.5
65	8	2.30	2.62	0.5	3.5	2.41	2.82	0.5	3.5	2.63	2.91	0.5	3.5
65	9	2.35	2.66	0.5	3.5	2.41	2.82	0.5	3.5	2.63	2.91	0.5	3.5
65	10	2.39	2.68	0.5	3.5	2.41	2.82	0.5	3.5	2.63	2.91	0.5	3.5
65	11	2.42	2.70	0.5	3.5	2.41	2.82	0.5	3.5	2.63	2.91	0.5	3.5
65	12	2.43	2.71	0.5	3.5	2.41	2.82	0.5	3.5	2.63	2.91	0.5	3.5

65	13	2.45	2.72	0.5	3.5	2.41	2.82	0.5	3.5	2.63	2.91	0.5	3.5
65	14	2.45	2.73	0.5	3.5	2.41	2.82	0.5	3.5	2.63	2.91	0.5	3.5
65	15	2.46	2.74	0.5	3.5	2.41	2.82	0.5	3.5	2.63	2.91	0.5	3.5
65	16	2.47	2.74	0.5	3.5	2.41	2.82	0.5	3.5	2.63	2.91	0.5	3.5
65	17	2.47	2.75	0.5	3.5	2.41	2.82	0.5	3.5	2.63	2.91	0.5	3.5
65	18	2.48	2.75	0.5	3.5	2.41	2.82	0.5	3.5	2.63	2.91	0.5	3.5
65	19	2.48	2.76	0.5	3.5	2.41	2.82	0.5	3.5	2.63	2.91	0.5	3.5
65	20	2.47	2.75	0.5	3.5	2.41	2.82	0.5	3.5	2.62	2.91	0.5	3.5
65	21	2.48	2.75	0.5	3.5	2.41	2.82	0.5	3.5	2.62	2.91	0.5	3.5
65	22	2.48	2.75	0.5	3.5	2.41	2.82	0.5	3.5	2.62	2.91	0.5	3.5
65	23	2.49	2.75	0.5	3.5	2.41	2.82	0.5	3.5	2.62	2.91	0.5	3.5
65	24	2.49	2.74	0.5	3.5	2.41	2.82	0.5	3.5	2.62	2.91	0.5	3.5
65	25	2.49	2.73	0.5	3.5	2.41	2.82	0.5	3.5	2.62	2.91	0.5	3.5
65	26	2.44	2.65	0.5	3.5	2.38	2.76	0.5	3.5	2.57	2.84	0.5	3.5
65	27	2.31	2.49	0.5	3.5	2.29	2.62	0.5	3.5	2.44	2.69	0.5	3.5
65	28	2.22	2.40	0.5	2.5	2.23	2.55	0.5	2.5	2.36	2.61	0.5	3.5
65	29	2.13	2.35	0.5	2.5	2.17	2.50	0.5	2.5	2.29	2.58	0.5	2.5
65	30	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	31	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	32	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	33	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	34	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	35	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	36	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	37	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	38	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	39	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	40	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	41	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	42	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	43	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	44	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	45	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	46	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	47	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
65	48	2.09	2.34	0.5	2.5	2.09	2.46	0.5	2.5	2.27	2.57	0.5	2.5
66	0	4.37	3.27	1.5	6.5	3.93	3.33	1.5	5.5	7.25	3.13	5.5	8.5
66	1	4.42	2.99	2.5	5.5	3.81	3.27	1.5	5.5	6.40	3.09	4.5	7.5
66	2	4.00	2.80	2.5	5.5	3.71	3.23	1.5	5.5	5.53	3.08	3.5	6.5
66	3	3.50	2.69	1.5	4.5	3.59	3.19	1.5	4.5	4.63	3.09	2.5	5.5
66	4	2.75	2.60	1.5	3.5	3.28	3.09	1.5	4.5	3.53	3.09	1.5	4.5
66	5	2.37	2.58	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	6	2.46	2.64	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	7	2.54	2.70	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	8	2.60	2.75	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	9	2.66	2.78	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	10	2.70	2.80	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	11	2.73	2.82	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	12	2.75	2.83	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	13	2.76	2.84	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	14	2.77	2.85	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	15	2.78	2.85	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5

66	16	2.78	2.86	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	17	2.79	2.86	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	18	2.80	2.87	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	19	2.80	2.87	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	20	2.81	2.87	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	21	2.82	2.87	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	22	2.82	2.87	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	23	2.82	2.87	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	24	2.83	2.86	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	25	2.82	2.85	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	26	2.81	2.83	0.5	3.5	2.89	3.02	0.5	4.5	2.97	3.03	0.5	4.5
66	27	2.73	2.74	0.5	3.5	2.83	2.95	0.5	3.5	2.89	2.95	0.5	3.5
66	28	2.53	2.58	0.5	3.5	2.67	2.79	0.5	3.5	2.69	2.80	0.5	3.5
66	29	2.37	2.51	0.5	3.5	2.56	2.72	0.5	3.5	2.56	2.75	0.5	3.5
66	30	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	31	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	32	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	33	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	34	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	35	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	36	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	37	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	38	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	39	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	40	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	41	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	42	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	43	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	44	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	45	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	46	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	47	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	48	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
66	49	2.31	2.49	0.5	2.5	2.47	2.69	0.5	3.5	2.51	2.73	0.5	3.5
67	0	4.33	3.24	1.5	6.5	3.81	3.26	1.5	5.5	7.16	3.09	5.5	8.5
67	1	4.38	2.95	2.5	5.5	3.72	3.22	1.5	5.5	6.33	3.05	4.5	7.5
67	2	3.97	2.77	2.5	5.5	3.60	3.17	1.5	4.5	5.47	3.04	3.5	6.5
67	3	3.48	2.65	1.5	4.5	3.51	3.14	1.5	4.5	4.59	3.05	2.5	5.5
67	4	2.87	2.62	1.5	3.5	3.40	3.11	1.5	4.5	3.69	3.07	1.5	4.5
67	5	2.51	2.61	0.5	3.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	6	2.60	2.68	0.5	3.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	7	2.68	2.73	0.5	3.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	8	2.75	2.78	0.5	3.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	9	2.81	2.81	0.5	3.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	10	2.85	2.83	0.5	3.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	11	2.88	2.84	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	12	2.90	2.85	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	13	2.92	2.86	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	14	2.93	2.87	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	15	2.93	2.87	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	16	2.94	2.88	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	17	2.95	2.89	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5

67	18	2.95	2.89	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	19	2.96	2.89	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	20	2.97	2.90	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	21	2.97	2.90	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	22	2.98	2.89	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	23	2.98	2.89	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	24	2.98	2.88	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	25	2.98	2.87	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	26	2.97	2.85	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	27	2.96	2.83	0.5	4.5	3.07	3.07	0.5	4.5	3.13	3.04	0.5	4.5
67	28	2.83	2.75	0.5	3.5	2.98	2.99	0.5	4.5	3.02	2.97	0.5	4.5
67	29	2.52	2.63	0.5	3.5	2.74	2.86	0.5	3.5	2.73	2.87	0.5	3.5
67	30	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	31	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	32	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	33	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	34	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	35	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	36	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	37	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	38	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	39	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	40	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	41	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	42	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	43	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	44	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	45	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	46	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	47	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	48	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	49	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
67	50	2.43	2.61	0.5	3.5	2.58	2.81	0.5	3.5	2.65	2.85	0.5	3.5
68	0	4.29	3.20	1.5	6.5	3.64	3.18	1.5	5.5	7.07	3.06	5.5	8.5
68	1	4.34	2.92	2.5	5.5	3.59	3.17	1.5	5.5	6.26	3.01	4.5	7.5
68	2	3.94	2.74	2.5	5.5	3.51	3.13	1.5	4.5	5.41	2.99	3.5	6.5
68	3	3.45	2.62	1.5	4.5	3.40	3.09	1.5	4.5	4.55	3.00	2.5	5.5
68	4	2.85	2.58	1.5	3.5	3.32	3.07	1.5	4.5	3.65	3.03	1.5	4.5
68	5	2.57	2.60	0.5	3.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	6	2.66	2.66	0.5	3.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	7	2.74	2.72	0.5	3.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	8	2.81	2.76	0.5	3.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	9	2.87	2.79	0.5	3.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	10	2.91	2.81	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	11	2.94	2.82	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	12	2.96	2.83	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	13	2.98	2.84	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	14	2.99	2.84	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	15	2.99	2.85	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	16	3.00	2.86	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	17	3.01	2.86	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	18	3.01	2.87	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5

68	19	3.02	2.87	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	20	3.03	2.87	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	21	3.03	2.87	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	22	3.04	2.87	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	23	3.04	2.86	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	24	3.05	2.85	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	25	3.04	2.84	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	26	3.03	2.83	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	27	3.02	2.81	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	28	2.99	2.79	0.5	4.5	3.22	3.06	0.5	4.5	3.19	3.01	0.5	4.5
68	29	2.81	2.74	0.5	3.5	2.74	2.93	0.5	3.5	3.04	2.97	0.5	4.5
68	30	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	31	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	32	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	33	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	34	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	35	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	36	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	37	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	38	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	39	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	40	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	41	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	42	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	43	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	44	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	45	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	46	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	47	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	48	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	49	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	50	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
68	51	2.62	2.70	0.5	3.5	2.74	2.93	0.5	3.5	2.86	2.94	0.5	4.5
69	0	4.24	3.16	1.5	6.5	3.50	3.08	1.5	4.5	6.96	3.02	5.5	8.5
69	1	4.29	2.88	2.5	5.5	3.47	3.08	1.5	4.5	6.17	2.97	4.5	7.5
69	2	3.90	2.70	2.5	5.5	3.43	3.08	1.5	4.5	5.35	2.94	3.5	6.5
69	3	3.42	2.58	1.5	4.5	3.35	3.05	1.5	4.5	4.49	2.95	2.5	5.5
69	4	2.83	2.55	1.5	3.5	3.25	3.02	1.5	4.5	3.61	2.98	1.5	4.5
69	5	2.54	2.56	0.5	3.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	6	2.63	2.62	0.5	3.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	7	2.71	2.68	0.5	3.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	8	2.79	2.72	0.5	3.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	9	2.84	2.74	0.5	3.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	10	2.88	2.77	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	11	2.91	2.78	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	12	2.93	2.79	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	13	2.95	2.80	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	14	2.96	2.80	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	15	2.96	2.81	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	16	2.97	2.81	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	17	2.98	2.82	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	18	2.98	2.82	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5

69	19	2.99	2.83	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	20	3.00	2.83	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	21	3.00	2.83	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	22	3.01	2.83	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	23	3.01	2.82	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	24	3.01	2.81	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	25	3.01	2.80	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	26	3.00	2.79	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	27	2.99	2.77	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	28	2.96	2.75	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	29	2.92	2.74	0.5	4.5	3.19	3.02	0.5	4.5	3.16	2.96	0.5	4.5
69	30	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	31	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	32	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	33	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	34	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	35	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	36	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	37	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	38	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	39	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	40	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	41	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	42	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	43	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	44	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	45	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	46	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	47	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	48	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	49	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	50	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	51	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
69	52	2.82	2.73	0.5	3.5	3.01	2.99	0.5	4.5	3.07	2.95	0.5	4.5
70	0	4.18	3.12	1.5	5.5	3.38	2.98	1.5	4.5	6.84	2.98	5.5	8.5
70	1	4.24	2.84	2.5	5.5	3.35	2.99	1.5	4.5	6.08	2.92	4.5	7.5
70	2	3.86	2.66	2.5	5.5	3.33	3.00	1.5	4.5	5.27	2.89	3.5	6.5
70	3	3.38	2.54	1.5	4.5	3.31	3.00	1.5	4.5	4.43	2.90	2.5	5.5
70	4	2.80	2.51	1.5	3.5	3.24	2.98	1.5	4.5	3.56	2.93	1.5	4.5
70	5	2.52	2.52	0.5	3.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	6	2.60	2.58	0.5	3.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	7	2.68	2.63	0.5	3.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	8	2.75	2.67	0.5	3.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	9	2.81	2.70	0.5	3.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	10	2.85	2.72	0.5	3.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	11	2.88	2.73	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	12	2.90	2.74	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	13	2.91	2.75	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	14	2.92	2.76	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	15	2.93	2.76	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	16	2.94	2.77	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	17	2.94	2.77	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5

70	18	2.95	2.78	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	19	2.96	2.78	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	20	2.96	2.78	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	21	2.97	2.78	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	22	2.97	2.78	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	23	2.98	2.78	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	24	2.98	2.77	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	25	2.98	2.76	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	26	2.97	2.74	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	27	2.95	2.72	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	28	2.93	2.71	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	29	2.89	2.70	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	30	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	31	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	32	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	33	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	34	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	35	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	36	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	37	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	38	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	39	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	40	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	41	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	42	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	43	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	44	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	45	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	46	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	47	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	48	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	49	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	50	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	51	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	52	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
70	53	2.87	2.69	0.5	4.5	3.16	2.97	0.5	4.5	3.12	2.91	0.5	4.5
71	0	4.12	3.07	1.5	5.5	3.25	2.93	1.5	4.5	6.70	2.95	5.5	8.5
71	1	4.18	2.79	2.5	5.5	3.20	2.90	1.5	4.5	5.97	2.87	4.5	7.5
71	2	3.81	2.61	2.5	4.5	3.18	2.91	1.5	4.5	5.19	2.84	3.5	6.5
71	3	3.34	2.50	1.5	4.5	3.18	2.93	1.5	4.5	4.37	2.84	2.5	5.5
71	4	2.76	2.46	1.5	3.5	3.17	2.93	0.5	4.5	3.51	2.87	1.5	4.5
71	5	2.49	2.48	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	6	2.57	2.54	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	7	2.65	2.58	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	8	2.72	2.62	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	9	2.77	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	10	2.81	2.67	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	11	2.84	2.68	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	12	2.86	2.69	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	13	2.88	2.70	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	14	2.88	2.71	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	15	2.89	2.71	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5

71	16	2.90	2.72	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	17	2.90	2.72	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	18	2.91	2.73	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	19	2.92	2.73	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	20	2.92	2.73	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	21	2.93	2.73	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	22	2.93	2.73	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	23	2.94	2.73	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	24	2.94	2.72	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	25	2.94	2.71	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	26	2.93	2.69	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	27	2.91	2.68	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	28	2.89	2.66	0.5	4.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	29	2.85	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	30	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	31	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	32	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	33	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	34	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	35	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	36	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	37	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	38	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	39	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	40	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	41	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	42	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	43	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	44	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	45	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	46	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	47	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	48	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	49	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	50	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	51	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	52	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	53	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
71	54	2.83	2.65	0.5	3.5	3.12	2.93	0.5	4.5	3.07	2.86	0.5	4.5
72	0	4.04	3.02	1.5	5.5	3.06	2.80	0.5	4.5	6.55	2.93	4.5	7.5
72	1	4.11	2.74	1.5	5.5	3.08	2.87	0.5	4.5	5.84	2.83	4.5	7.5
72	2	3.75	2.56	2.5	4.5	3.03	2.84	0.5	4.5	5.09	2.78	3.5	6.5
72	3	3.29	2.45	1.5	4.5	3.03	2.86	0.5	4.5	4.29	2.78	2.5	5.5
72	4	2.73	2.41	1.5	3.5	3.06	2.88	0.5	4.5	3.46	2.81	1.5	4.5
72	5	2.45	2.43	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	6	2.53	2.48	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	7	2.61	2.53	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	8	2.68	2.57	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	9	2.73	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	10	2.77	2.62	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	11	2.80	2.63	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	12	2.82	2.64	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5

72	13	2.83	2.65	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	14	2.84	2.65	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	15	2.85	2.66	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	16	2.85	2.66	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	17	2.86	2.67	0.5	4.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	18	2.86	2.67	0.5	4.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	19	2.87	2.67	0.5	4.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	20	2.88	2.68	0.5	4.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	21	2.88	2.68	0.5	4.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	22	2.89	2.68	0.5	4.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	23	2.89	2.67	0.5	4.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	24	2.89	2.67	0.5	4.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	25	2.89	2.65	0.5	4.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	26	2.88	2.64	0.5	4.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	27	2.87	2.62	0.5	4.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	28	2.85	2.61	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	29	2.81	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	30	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	31	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	32	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	33	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	34	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	35	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	36	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	37	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	38	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	39	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	40	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	41	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	42	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	43	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	44	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	45	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	46	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	47	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	48	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	49	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	50	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	51	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	52	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	53	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	54	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
72	55	2.79	2.60	0.5	3.5	3.07	2.88	0.5	4.5	3.02	2.80	0.5	4.5
73	0	3.96	2.96	1.5	5.5	2.86	2.60	0.5	3.5	6.38	2.91	4.5	7.5
73	1	4.03	2.70	1.5	5.5	2.93	2.74	0.5	3.5	5.71	2.80	3.5	7.5
73	2	3.68	2.51	2.5	4.5	2.98	2.82	0.5	4.5	4.98	2.73	3.5	6.5
73	3	3.24	2.39	1.5	4.5	2.94	2.80	0.5	4.5	4.21	2.72	2.5	5.5
73	4	2.68	2.36	1.5	3.5	2.96	2.82	0.5	4.5	3.39	2.75	1.5	4.5
73	5	2.41	2.37	0.5	3.5	3.02	2.83	0.5	4.5	2.97	2.73	0.5	4.5
73	6	2.49	2.43	0.5	3.5	3.02	2.83	0.5	4.5	2.97	2.73	0.5	4.5
73	7	2.57	2.48	0.5	3.5	3.02	2.83	0.5	4.5	2.97	2.73	0.5	4.5
73	8	2.63	2.51	0.5	3.5	3.02	2.83	0.5	4.5	2.97	2.73	0.5	4.5

74	56	2.68	2.48	0.5	3.5	2.97	2.78	0.5	4.5	2.90	2.67	0.5	4.5
74	57	2.68	2.48	0.5	3.5	2.97	2.78	0.5	4.5	2.90	2.67	0.5	4.5
75	0	3.75	2.87	1.5	5.5	2.39	2.04	0.5	3.5	6.01	2.91	4.5	7.5
75	1	3.84	2.62	1.5	5.5	2.48	2.25	0.5	3.5	5.38	2.76	3.5	6.5
75	2	3.52	2.43	1.5	4.5	2.61	2.48	0.5	3.5	4.72	2.66	2.5	5.5
75	3	3.10	2.30	1.5	4.5	2.79	2.66	0.5	3.5	4.00	2.62	2.5	5.5
75	4	2.57	2.26	1.5	3.5	2.93	2.74	0.5	4.5	3.22	2.62	1.5	4.5
75	5	2.31	2.27	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	6	2.38	2.32	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	7	2.45	2.37	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	8	2.51	2.40	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	9	2.56	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	10	2.60	2.44	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	11	2.62	2.46	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	12	2.64	2.47	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	13	2.65	2.47	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	14	2.66	2.48	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	15	2.66	2.48	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	16	2.67	2.49	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	17	2.67	2.49	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	18	2.68	2.50	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	19	2.69	2.50	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	20	2.69	2.50	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	21	2.70	2.50	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	22	2.70	2.50	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	23	2.71	2.50	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	24	2.71	2.49	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	25	2.71	2.49	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	26	2.70	2.47	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	27	2.69	2.46	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	28	2.67	2.44	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	29	2.63	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	30	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	31	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	32	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	33	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	34	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	35	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	36	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	37	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	38	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	39	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	40	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	41	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	42	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	43	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	44	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	45	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	46	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	47	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	48	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	49	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5

75	50	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	51	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	52	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	53	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	54	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	55	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	56	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	57	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5
75	58	2.61	2.43	0.5	3.5	2.90	2.73	0.5	4.5	2.83	2.61	0.5	3.5