

----- S C I N T R E X -----  
IPR-12 MULTI-CHANNEL IP-RECEIVER V4.0

Job #: 18 Date: 08/09/11  
Operator: D18 Serial #: 18  
P-Line: 0N Units: Metre  
Array: Pole-Dipole Mx From: 340 ms To: 520 ms

Station	P1 C-Line	P2 C1	P3 C2	P4 Curr.	P5 Timing	P6 Time	P7 	P8	P9
D:	VP M1 M8	SP M2 M9	Mx M3 M10	S.D. M4 M11	Res. M5 M12	M6 M13	Dur. K-Fact. M7   M'' M14   RMS%		Rho Tau wi
* 20N	10N 0N	5N 20N	0N 10199N	10S 707	20S 4	30S 11:27:55	50S 	70S	90S
1:	163.76 15.21	-3 30.73 12.96	16.78 27.71 10.94	0.01 25.14 9.13	11.7 22.50 7.52	20.10 6.12	5 17.60   118.0 4.96	188.5 4.00000	44 13
2:	47.19 13.59	5 26.62 11.68	14.90 24.05 9.93	0.01 21.92 8.32	12.9 19.79 6.91	17.72 5.67	5 15.61   111.4 4.61	377.0 16.00000	25 13
* 30N	20N 0N	15N 30N	10N 10209N	0N 757	10S 4	20S 11:30:35	40S 	60S	80S
1:	182.05 11.11	-2 21.81 9.51	12.35 19.66 8.12	0.01 17.92 6.85	11.5 16.29 5.70	14.57 4.68	5 12.92   92.6 3.83	188.5 16.00000	45 13
2:	70.59 11.76	1 23.09 10.11	12.89 20.83 8.61	0.00 18.96 7.20	12.7 17.10 6.00	15.34 4.92	5 13.49   97.4 4.01	377.0 16.00000	35 13
3:	47.14 12.45	1 26.00 10.58	13.76 23.27 8.91	0.08 20.99 7.39	5.6 18.72 6.06	16.61 4.90	5 14.46   97.6 3.93	377.0 2.00000	23 13
* 40N	20N 0N	15N 40N	10N 10209N	0N 700	10S 4	20S 11:33:28	40S 	60S	80S
1:	29.83 13.44	-3 25.97 10.81	14.56 23.39 9.16	0.00 21.30 7.30	11.6 18.74 6.40	16.75 5.46	5 15.04   100.8 4.22	628.3 4.00000	27 13
2:	20.29 12.71	1 26.29 10.81	14.03 23.55 9.11	0.05 21.30 7.59	12.7 19.06 6.22	16.90 5.02	5 14.76   99.4 4.00	942.5 2.00000	27 13
3:	22.19 13.17	1 28.45 11.09	14.63 25.37 9.26	0.04 22.78 7.65	4.8 20.23 6.25	17.83 5.06	5 15.42   104.4 4.02	754.0 1.00000	24 13
* 50N	40N 0N	35N 50N	30N 10229N	20N 800	10N 4	0N 11:36:23	20S 	40S	60S
1:	165.17 12.14	15 25.25 10.48	13.77 22.37 8.47	0.66 20.59 7.61	30.1 17.64 6.03	16.41 5.25	5 14.57   96.8 3.95	188.5 4.00000	39 13

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2:	57.46	-11	14.09	0.10	29.6		5	377.0	27
		27.20	24.32	21.83	19.44	17.17	14.81	101.0	1.00000
	12.69	10.74	9.09	7.43	6.10	4.85	3.95	0.948	13
3:	55.29	-4	14.81	0.13	4.7		5	377.0	26
		28.32	25.33	22.82	20.34	17.99	15.60	105.7	1.00000
	13.37	11.30	9.46	7.80	6.37	5.17	4.16	0.931	13
4:	24.65	1	14.33	0.15	2.7		5	754.0	23
		27.38	24.53	22.13	19.70	17.38	15.07	102.0	1.00000
	12.93	10.87	9.11	7.49	6.09	4.92	3.98	0.995	13
5:	15.64	-2	15.64	0.09	3.7		5	1256.7	25
		31.04	27.77	24.92	21.66	19.02	16.44	114.3	0.50000
	14.17	11.89	9.71	7.96	6.57	5.30	4.24	0.928	13

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	60N	40N ON	35N 60N	30N 10229N	20N 741	10N 4	ON 11:39:13	20S	40S	60S
1:	24.25		16	13.41	2.15	26.8		6	628.3	21
			23.02	17.67	14.21	15.61	14.03	12.99	179.4	4096.00000
	12.06		10.20	7.52	7.79	4.40	4.82	1.79	9.834	7
2:	14.73		-10	12.73	0.39	25.9		6	942.5	19
			25.70	22.72	20.43	17.94	15.65	13.48	93.6	1.00000
	11.66		9.78	8.21	6.67	5.68	4.49	3.77	1.218	13
3:	22.50		-5	14.03	0.03	4.0		6	754.0	23
			27.33	24.35	21.89	19.43	17.14	14.79	102.5	0.50000
	12.64		10.63	8.82	7.25	5.89	4.70	3.71	1.507	13
4:	13.57		1	14.67	0.03	2.6		6	1256.7	23
			28.16	25.21	22.76	20.20	17.86	15.46	106.8	0.50000
	13.18		11.00	9.19	7.61	6.21	4.97	3.96	1.439	13
5:	9.56		-1	16.00	0.22	3.5		6	1885.0	24
			31.60	28.16	25.25	22.33	19.65	16.89	116.5	0.50000
	14.45		12.09	10.09	8.24	6.73	5.27	4.20	1.745	13

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	70N	60N ON	55N 70N	50N 10249N	40N 700	30N 4	20N 11:42:47	ON	20S	40S
1:	121.43		-10	12.17	0.00	9.3		5	188.5	33
			21.31	20.49	18.62	13.63	11.68	12.35	94.1	32.00000
	9.32		10.98	9.14	7.54	3.71	6.02	3.71	18.788	13
2:	28.14		4	13.72	0.00	17.8		5	377.0	15
			26.35	23.43	21.08	19.38	17.23	14.62	99.0	1.00000
	12.61		10.27	8.71	7.32	6.24	4.52	3.92	2.872	13
3:	33.27		-8	12.63	0.06	17.8		5	377.0	18
			24.42	21.76	19.55	17.38	15.35	13.29	90.7	1.00000
	11.39		9.62	8.05	6.65	5.41	4.36	3.47	1.078	13
4:	19.26		4	12.71	0.13	7.1		5	754.0	21
			24.74	21.99	19.76	17.69	15.63	13.44	93.1	0.50000
	11.40		9.52	7.86	6.45	5.42	4.28	3.41	1.343	13
5:	13.77		-2	14.60	0.21	2.7		5	1256.7	25
			28.49	25.41	22.83	20.27	17.84	15.39	106.8	0.50000
	13.12		11.08	9.21	7.55	6.15	4.94	3.91	1.211	13
6:	15.80		4	16.00	0.14	3.5		5	1099.6	25
			31.17	27.89	25.03	22.09	19.51	16.89	116.0	0.50000
	14.32		12.08	10.04	8.22	6.63	5.33	4.28	1.244	13

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	80N	60N 0N	55N 80N	50N 10249N	40N 700	30N 4	20N 11:45:18	0N	20S	40S
1:	33.98		-8	14.52	6.50	8.1		6	628.3	30
	2.53	39.84	20.37	45.01	62.32	47.66	24.93	6.94		99
				3.54	-3.70	15.75	4.57	2.72		
2:	12.10		2	13.41	0.69	16.9		6	942.5	16
	13.16	24.77	9.16	21.39	17.13	16.00	15.49	14.88	92.5	4.00000
				9.30	8.19	4.83	4.78	3.81	10.383	13
3:	19.34		-7	12.53	0.06	16.8		6	754.0	21
	11.26	24.57	9.49	21.85	19.58	17.35	15.29	13.22	92.3	0.50000
				7.90	6.49	5.30	4.28	3.39	1.013	13
4:	13.02		5	12.83	0.15	5.9		6	1256.7	23
	11.65	25.06	9.67	22.15	19.63	17.55	15.69	13.58	91.8	1.00000
				8.13	6.71	5.25	4.39	3.62	1.688	13
5:	10.01		-2	14.87	0.12	2.5		6	1885.0	27
	13.38	29.15	11.22	26.03	23.33	20.70	18.19	15.68	108.3	0.50000
				9.29	7.62	6.18	4.96	3.95	1.306	13
6:	12.20		3	16.16	0.11	3.1		6	1508.0	26
	14.57	31.69	12.24	28.34	25.61	22.70	19.94	17.07	122.5	0.25000
				10.01	8.16	6.71	5.39	4.26	1.622	13

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	90N	80N 0N	75N 90N	70N 10269N	60N 803	50N 4	40N 11:49:01	20N	0N	20S
1:	94.86		-13	13.47	7.62	17.7		6	188.5	22
	18.66	26.68	5.56	24.82	17.20	14.05	9.53	9.53		99
				16.68	1.98	6.02	3.20	-0.27		
2:	33.32		10	13.73	0.80	30.8		6	377.0	16
	11.53	27.75	11.04	24.29	22.86	19.85	17.95	15.30	102.7	0.50000
				7.73	7.57	5.19	4.78	4.21	6.843	13
3:	32.46		-7	11.45	0.10	24.8		6	377.0	15
	10.18	22.28	8.80	19.79	17.78	15.90	14.03	12.21	83.2	1.00000
				7.23	6.12	4.94	4.05	3.27	0.890	13
4:	21.40		-3	12.45	0.16	10.7		6	754.0	20
	10.88	24.04	9.85	21.36	19.48	17.33	15.41	13.36	89.5	1.00000
				7.64	6.72	5.13	4.31	3.42	2.657	13
5:	12.65		-1	12.22	0.01	4.8		6	1256.7	20
	10.71	24.03	9.32	21.30	19.23	17.01	15.03	13.05	90.1	0.50000
				7.60	6.39	5.01	4.15	3.34	1.389	13
6:	17.07		3	13.98	1.04	3.7		6	1099.6	23
	13.10	27.55	9.93	24.40	20.95	18.70	16.08	13.90	99.0	1.00000
				9.66	6.90	6.06	4.57	3.21	4.761	11
7:	9.96		1	16.09	0.13	3.4		6	1979.3	25
	14.10	32.21	12.33	28.64	25.64	22.73	20.24	17.18	128.8	0.12500
				9.81	8.26	6.40	5.22	4.09	2.400	13

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	100N	80N 0N	75N 100N	70N 10269N	60N 744	50N 4	40N 11:52:29	20N	0N	20S
1:	20.25		-11	2.74	5.36	11.5		5	628.3	17
	-40.39	-72.97	9.11	-44.80	23.28	36.52	65.91	-4.28	-502.8	4096.00000
				-68.00	-35.74	-8.63	3.37	-33.73	52.825	8

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2:	11.49	8	13.24	0.43	22.0		5	942.5	15
		33.91	27.99	20.23	16.91	11.46	14.17	106.2	8.00000
	15.51	9.43	12.89	9.73	6.46	3.88	5.87	25.436	13
3:	16.39	-5	11.14	0.10	19.1		5	754.0	17
		22.59	19.54	17.27	15.29	13.28	11.76	81.1	1.00000
	10.13	8.44	7.26	6.08	4.81	3.85	3.09	2.011	13
4:	13.33	-3	13.04	0.09	8.2		5	1256.7	23
		26.31	23.04	19.98	17.67	15.18	13.58	94.5	1.00000
	12.22	9.83	8.83	7.23	5.55	4.43	3.72	3.370	13
5:	8.73	-1	12.91	0.03	4.5		5	1885.0	22
		26.39	22.97	20.13	17.76	15.36	13.60	95.2	0.50000
	11.77	9.75	8.36	6.96	5.44	4.24	3.35	2.898	13
6:	12.36	3	14.55	0.38	3.5		5	1508.0	25
		26.32	23.51	23.18	20.82	19.55	14.83	117.1	0.06250
	11.77	11.11	6.78	6.07	5.44	5.10	2.95	11.571	13
7:	7.54	2	17.10	0.24	3.2		5	2513.5	25
		34.43	30.23	26.89	23.84	20.69	18.13	129.2	0.25000
	15.27	12.82	10.82	8.93	7.04	5.54	4.44	1.906	13

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	100N	80N ON	75N 100N	70N 10269N	60N 744	50N 4	40N 11:57:57	20N	ON	20S
1:	20.45	-23	19.42	8.83	17.1		5	628.3	17	
		34.18	32.79	33.36	19.54	21.96	20.47			
	22.62	14.66	14.83	8.66	2.84	7.73	12.22		99	
2:	11.56	5	12.78	0.39	21.1		5	942.5	15	
		25.46	22.56	20.14	18.05	15.86	13.43	93.9	1.00000	
	11.54	9.98	8.30	6.87	5.89	4.62	3.58	1.809	13	
3:	16.38	-7	11.02	0.19	11.3		5	754.0	17	
		21.41	19.08	17.48	14.92	13.56	11.68	79.6	1.00000	
	10.16	8.34	6.94	5.70	4.38	3.74	3.26	2.994	13	
4:	13.32	-4	12.19	0.87	6.7		5	1256.7	22	
		23.94	21.42	18.29	17.75	14.71	12.64	87.6	2.00000	
	10.41	9.47	7.80	6.16	5.73	3.99	2.96	3.928	11	
5:	8.72	0	12.52	0.28	4.3		5	1885.0	22	
		24.76	22.07	19.75	17.43	15.22	13.20	92.0	0.50000	
	11.25	9.54	7.79	6.47	5.18	4.22	3.32	1.310	13	
6:	12.36	2	14.42	0.09	3.4		5	1508.0	25	
		27.85	24.83	22.50	19.43	17.58	15.37	107.0	0.25000	
	13.06	10.70	8.74	6.81	5.44	4.37	3.93	3.936	13	
7:	7.54	3	16.46	0.43	3.0		5	2513.5	25	
		32.62	29.24	26.18	23.13	20.21	17.40	123.7	0.25000	
	14.64	12.29	10.19	8.45	6.74	5.21	4.12	2.382	13	

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	110N	100N ON	95N 110N	90N 10289N	80N 743	70N 4	60N 12:01:27	40N	20N	ON
1:	96.24	-6	5.26	7.32	9.6		5	188.5	24	
		14.53	9.26	11.22	12.23	10.40	8.81			
	2.74	2.06	-0.35	4.27	3.94	-1.30	1.48		99	
2:	49.00	3	9.05	0.00	14.0		5	377.0	25	
		19.85	17.16	15.15	13.17	11.36	9.69	86.5	0.03125	
	7.99	6.64	5.38	4.52	3.62	2.79	2.24	1.193	13	

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3:	70.46	4	13.42	0.04	6.5		5	377.0	36
		28.30	24.76	21.94	19.21	16.67	14.32	116.4	0.06250
	11.84	9.95	8.17	6.75	5.38	4.26	3.36	1.208	13
4:	17.72	-6	12.71	1.60	3.7		5	754.0	18
		25.76	23.42	20.40	17.58	15.31	12.41	93.8	2.00000
	12.48	10.33	8.53	6.00	5.25	4.74	3.68	4.711	9
5:	11.52	0	11.21	0.07	9.4		5	1256.7	19
		22.35	19.79	17.65	15.43	13.52	11.76	89.0	0.12500
	10.15	8.16	6.80	5.47	4.32	3.59	2.73	2.367	13
6:	17.04	-4	13.70	0.26	9.1		5	1099.6	25
		25.76	22.92	20.94	18.78	16.59	14.54	98.7	0.50000
	12.18	10.61	8.57	7.27	5.77	4.39	3.35	4.233	13
7:	10.08	0	15.40	0.46	5.3		5	1979.3	27
		28.98	25.56	23.47	21.05	18.42	16.39	135.6	0.03125
	13.43	11.67	9.09	7.77	5.96	3.97	3.07	8.890	13
8:	6.37	3	18.34	0.34	4.7		5	3110.5	27
		32.94	28.51	27.39	24.44	21.59	21.20	145.1	0.06250
	14.60	14.14	10.63	10.16	7.15	4.08	3.69	13.855	13

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120N	100N ON	95N 120N	90N 10289N	80N 650	70N 4	60N 12:04:25	40N	20N	0N
1:	32.00	-7	27.57	3.81	9.8		5	628.3	31
		-0.65	7.28	34.31	20.77	23.62	19.70		
	19.30	12.02	1.96	11.38	0.19	7.07	-6.34		98
2:	18.90	2	10.79	0.07	12.7		5	942.5	27
		22.61	19.83	17.78	15.40	13.43	11.31	99.8	0.03125
	9.47	7.75	6.23	5.26	4.07	3.29	2.44	2.705	13
3:	32.11	6	14.22	0.14	5.0		5	754.0	37
		29.32	25.94	23.21	20.16	17.62	15.03	114.0	0.12500
	12.64	10.32	8.41	7.18	5.67	4.65	3.53	1.716	13
4:	10.17	-6	11.00	0.46	3.2		5	1256.7	20
		28.65	24.37	17.84	17.00	14.21	11.90	93.1	0.50000
	10.54	9.83	8.68	5.88	5.72	3.54	4.52	13.025	13
5:	7.41	-0	11.30	0.28	8.1		5	1885.0	21
		23.43	20.69	18.22	15.72	13.86	11.84	87.8	0.25000
	10.38	8.91	7.68	6.02	4.10	3.51	3.17	5.722	13
6:	11.58	-4	14.26	0.01	8.3		5	1508.0	27
		26.59	24.20	21.84	18.98	17.12	14.97	103.7	0.25000
	12.40	10.20	8.04	7.16	5.61	4.62	3.22	4.477	13
7:	7.16	1	15.16	0.18	5.3		5	2513.5	28
		28.94	26.48	24.25	20.55	17.81	16.02	133.7	0.03125
	13.23	10.69	8.16	7.48	5.76	4.69	2.90	7.475	13
8:	4.63	4	19.68	0.59	4.6		5	3770.3	27
		30.98	29.01	30.31	25.30	23.86	18.86	143.8	0.06250
	16.18	12.22	8.07	9.47	5.86	5.21	2.07	12.248	12

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130N	120N ON	115N 130N	110N 10309N	100N 650	90N 4	80N 12:07:27	60N	40N	20N
1:	72.90	-4	1.96	0.28	13.8		5	188.5	21
		7.35	5.12	4.78	3.61	5.34	2.75	66.0	4096.00000
	3.17	3.78	0.25	0.07	1.83	4.78	0.30	46.104	10

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2:	53.16	0	5.54	0.00	16.9		5	377.0	31
		12.43	10.68	9.34	8.11	6.96	5.88	58.3	0.01563
	4.90	4.03	3.31	2.67	2.14	1.68	1.33	0.975	13
3:	55.88	-4	7.11	0.01	5.9		5	377.0	32
		16.05	13.82	12.12	10.42	9.02	7.56	75.0	0.01563
	6.32	5.19	4.16	3.42	2.75	2.25	1.72	1.020	13
4:	26.03	-2	10.84	0.05	3.4		5	754.0	30
		23.53	20.51	17.93	15.85	13.37	11.48	111.4	0.01563
	9.46	7.73	6.52	5.28	4.25	2.98	2.68	3.420	13
5:	19.47	11	14.67	0.00	3.5		5	1256.7	38
		30.41	26.78	23.81	20.88	18.16	15.52	113.2	0.25000
	13.14	10.96	9.22	7.49	6.10	4.92	3.98	0.386	13
6:	12.89	-5	13.15	0.28	4.8		5	1099.6	22
		25.58	22.85	20.47	18.24	15.97	13.84	96.4	0.50000
	11.93	9.88	8.13	6.78	5.59	4.53	3.47	1.554	13
7:	9.21	-7	14.83	0.01	8.7		5	1979.3	28
		28.67	25.61	23.13	20.53	18.12	15.63	111.0	0.25000
	13.32	11.12	9.20	7.53	6.03	4.75	3.59	3.163	13
8:	5.91	6	16.40	0.25	6.1		5	3110.5	28
		32.30	29.31	27.02	23.37	20.54	17.33	120.2	0.50000
	15.32	12.14	9.00	8.14	6.85	6.56	4.27	6.504	13

\*

	140N	120N ON	115N 140N	110N 10309N	100N 650	90N 4	80N 12:10:10	60N	40N	20N
1:	29.41		-4	1.48	4.44	13.2		5	628.3	28
		-16.98	-17.14	-2.74	-7.05	-5.11	-11.28			
	-12.52	-11.63	10.29	4.57	-0.04	3.03	13.67			99
2:	24.74		-0	7.42	0.11	15.8		5	942.5	36
		16.62	14.42	12.58	10.85	9.38	7.91	85.7	0.00781	
	6.64	5.45	4.37	3.55	2.78	2.16	1.70	2.148	13	
3:	28.98		-3	8.57	0.08	5.2		5	754.0	34
		19.12	16.49	14.62	12.54	10.87	8.97	89.7	0.01563	
	7.47	6.12	5.27	4.18	3.23	2.58	2.15	1.782	13	
4:	15.39		-2	11.87	0.38	3.1		5	1256.7	30
		27.25	23.88	20.38	17.76	15.32	13.42	226.0	0.00049	
	11.47	9.55	6.69	5.60	4.68	3.48	2.04	10.347	13	
5:	13.08		11	14.56	0.10	3.2		5	1885.0	38
		30.43	26.82	23.74	20.70	18.11	15.44	125.5	0.06250	
	13.03	10.86	8.81	7.17	5.81	4.60	3.60	1.460	13	
6:	9.92		-6	12.43	0.19	4.5		5	1508.0	23
		24.91	22.23	20.18	17.56	15.65	12.85	95.4	0.25000	
	11.05	9.09	7.92	6.47	4.96	3.98	3.38	2.301	13	
7:	7.50		-6	14.07	0.22	8.3		5	2513.5	29
		28.11	25.14	22.48	20.11	17.47	14.84	118.8	0.06250	
	12.59	10.41	8.58	6.95	5.39	4.08	3.26	4.036	13	
8:	4.94		5	13.00	0.94	5.9		5	3770.3	29
		26.26	23.11	22.14	18.37	17.32	12.35	99.2	0.25000	
	10.47	8.06	9.33	6.89	4.51	3.81	4.01	9.789	10	

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	150N	140N ON	135N 150N	130N 10329N	120N 715	110N 4	100N 12:13:19	80N	60N	40N
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D18\_RAW.txt

1:	58.62	-6	6.04	5.66	13.3		5	188.5	15
		13.85	16.88	13.17	-1.45	5.80	2.83		
	4.81	5.48	2.91	5.39	-6.32	2.16	3.99		99
2:	42.29	0	4.10	0.16	14.0		5	377.0	22
		9.34	7.89	6.90	6.24	5.23	4.39	60.1	0.00195
	3.60	2.90	2.46	1.84	1.68	1.19	0.84	5.283	13
3:	50.74	-0	5.93	0.11	4.9		5	377.0	27
		13.49	11.73	10.26	8.46	7.43	6.30	69.4	0.00781
	5.27	4.35	3.51	2.96	2.08	1.82	1.48	3.218	13
4:	32.67	-7	8.30	0.21	4.1		5	754.0	34
		18.00	15.54	13.66	12.62	10.54	8.89	86.6	0.01563
	7.45	5.92	5.07	3.87	3.62	2.51	1.80	5.490	13
5:	19.08	1	10.03	0.07	2.1		5	1256.7	34
		22.07	19.20	16.85	14.65	12.60	10.66	104.4	0.01563
	8.88	7.32	6.01	4.82	3.89	3.08	2.40	1.109	13
6:	21.58	9	14.01	0.06	1.9		5	1099.6	33
		28.84	25.60	22.64	19.27	17.24	14.67	112.7	0.12500
	12.31	10.13	8.77	6.97	5.31	4.61	3.89	2.871	13
7:	8.70	-5	13.77	0.23	7.5		5	1979.3	24
		26.86	24.14	21.74	19.65	17.24	14.61	100.2	1.00000
	12.76	10.48	8.74	7.34	6.34	4.94	3.66	2.913	13
8:	6.87	-4	16.87	0.48	9.5		5	3110.5	30
		31.18	28.35	25.35	21.23	19.87	17.45	115.0	2.00000
	14.88	12.52	11.02	8.57	6.30	5.99	4.96	4.547	13

\*

	160N	140N ON	135N 160N	130N 10329N	120N 715	110N 4	100N 12:15:56	80N	60N	40N
1:	25.43		-7	0.11	8.25	13.2		6	628.3	22
			-1.09	-0.46	10.30	14.99	14.44	-2.28		
	1.12		-2.48	4.70	5.61	-0.88	3.02	-0.63		99
2:	21.08		0	5.86	0.20	13.7		6	942.5	28
			13.42	11.44	9.75	8.31	7.10	6.31	75.1	0.00391
	5.15		4.31	3.33	2.61	2.22	1.66	1.36	2.642	13
3:	28.47		-0	7.23	0.22	4.4		6	754.0	30
			16.28	14.07	12.56	10.92	9.29	7.65	84.4	0.00781
	6.38		5.09	4.37	3.49	2.69	2.29	1.67	2.410	13
4:	20.13		-7	9.86	0.41	3.8		6	1256.7	35
			21.79	18.81	16.10	13.65	11.67	10.61	100.7	0.01563
	8.69		7.31	5.71	4.45	3.85	2.88	2.35	2.917	13
5:	12.51		1	10.87	0.11	2.1		6	1885.0	33
			23.85	20.74	18.30	15.84	13.66	11.53	113.2	0.01563
	9.67		7.97	6.52	5.26	4.25	3.34	2.63	1.190	13
6:	15.85		9	13.86	0.14	1.8		6	1508.0	33
			29.06	25.68	22.98	19.96	17.09	14.71	119.3	0.06250
	12.33		10.16	8.47	6.79	5.31	4.43	3.37	1.825	13
7:	7.11		-5	14.38	0.46	7.1		6	2513.5	25
			28.75	25.52	22.80	19.82	17.05	15.12	108.4	0.25000
	13.29		10.63	9.04	7.02	5.82	4.60	3.71	2.325	13
8:	5.79		-4	15.88	0.07	9.1		6	3770.3	31
			31.10	27.99	25.51	22.39	19.25	16.82	142.9	0.03125
	13.89		11.91	9.79	7.72	4.86	5.01	3.68	7.573	13

## D18\_RAW.txt

*	170N	160N ON	155N 170N	150N 10349N	140N 859	130N 4	120N 12:19:26	100N	80N	60N
1:	70.89		-5	-0.18	3.54	15.8		5	188.5	16
	1.52		5.19	3.41	3.84	5.23	3.23	-0.61		99
			3.84	5.97	3.19	5.45	3.40	2.33		
2:	46.03		1	-2.34	6.21	18.1		5	377.0	20
	-1.77		-30.16	-14.78	-7.80	-4.94	-3.38	-2.60		99
			-6.17	1.71	-8.13	6.15	0.17	-22.72		
3:	52.49		0	9.98	5.40	6.8		5	377.0	23
	8.27		43.08	27.43	19.63	15.47	12.60	10.37		99
			10.98	2.99	10.74	-2.52	2.15	21.72		
4:	32.11		-4	6.51	0.22	2.9		5	754.0	28
	5.68		13.52	12.00	10.50	9.09	7.98	7.00	79.9	0.00391
			4.53	3.45	2.97	2.13	1.74	1.44	4.743	13
5:	21.59		1	8.40	0.12	3.2		5	1256.7	32
	7.47		17.55	15.51	13.77	12.05	10.44	8.91	73.1	0.06250
			6.18	5.05	4.09	3.30	2.61	2.06	1.426	13
6:	26.81		-5	10.61	0.10	2.5		5	1099.6	34
	9.55		22.39	19.74	17.67	15.58	13.60	11.34	84.2	0.25000
			8.04	6.89	5.41	4.52	3.71	2.81	1.745	13
7:	14.68		8	14.22	0.11	3.8		5	1979.3	34
	12.74		28.06	25.12	22.68	20.02	17.55	15.04	104.8	0.50000
			10.68	8.96	7.28	5.99	4.88	3.94	0.676	13
8:	7.11		-2	14.73	0.63	6.7		5	3110.5	26
	13.32		28.12	25.29	23.35	20.84	18.51	15.69	108.2	4.00000
			11.52	10.21	7.86	6.99	5.85	4.58	2.439	13

*	170N	160N ON	155N 170N	150N 10349N	140N 776	130N 4	120N 12:26:46	100N	80N	60N
1:	64.39		-1	2.35	3.90	10.6		5	188.5	16
	1.90		-2.02	0.90	5.27	9.24	6.91	5.03		99
			2.25	-1.13	-0.66	-0.49	1.03	0.63		
2:	40.69		1	3.38	0.13	9.3		5	377.0	20
	3.04		7.74	6.58	5.87	5.21	4.43	3.69	56.7	0.00098
			2.47	1.95	1.51	1.22	0.98	0.73	3.615	13
3:	48.44		-12	4.72	0.13	2.5		5	377.0	24
	4.09		10.36	9.00	8.12	7.24	6.12	5.17	61.0	0.00391
			3.43	2.53	2.15	1.69	1.42	1.11	3.895	13
4:	29.03		-4	6.58	0.30	2.5		5	754.0	28
	5.73		15.31	13.02	11.03	9.23	7.98	6.81	76.1	0.00781
			4.72	4.03	3.27	2.53	1.91	1.53	2.821	13
5:	19.53		1	8.59	0.09	2.9		5	1256.7	32
	7.63		19.05	16.46	14.36	12.47	10.75	9.09	82.4	0.03125
			6.33	5.22	4.24	3.44	2.69	2.14	0.658	13
6:	24.24		-5	11.14	0.07	2.4		5	1099.6	34
	9.81		23.44	20.66	18.46	16.30	13.96	11.98	104.8	0.03125
			8.17	6.44	5.41	4.31	3.49	2.75	1.831	13
7:	13.27		9	14.59	0.20	3.8		5	1979.3	34
	13.03		30.26	26.62	23.49	20.66	18.03	15.45	112.8	0.25000
			10.96	9.21	7.50	6.22	4.95	3.94	0.693	13



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8:	6.43	-3	15.27	0.31	6.4		5	3110.5	26
	13.67	11.44	9.62	7.99	6.73	5.50	4.36	109.4	1.00000
								1.027	13

\*

	180N	160N ON	155N 180N	150N 10349N	140N 775	130N 4	120N 12:29:34	100N	80N	60N
1:	29.04		-1	11.24	4.60	10.8		5	628.3	24
	11.29	15.00	10.93	17.38	10.34	4.34	7.32	11.67		99
				1.70	-1.72	1.38	1.59	0.93		
2:	21.11		1	4.79	0.02	9.5		5	942.5	26
	4.23	10.87	3.52	9.38	8.07	6.78	5.94	5.12	55.3	0.00781
				2.80	2.15	1.81	1.43	1.10	2.251	13
3:	28.05		-12	6.12	0.02	2.4		5	754.0	27
	5.45	13.83	4.60	12.06	10.20	8.59	7.58	6.61	78.5	0.00391
				3.52	2.66	2.25	1.77	1.40	3.322	13
4:	18.58		-4	7.23	0.31	2.4		5	1256.7	30
	6.32	16.71	5.11	14.24	12.51	11.04	9.50	7.70	85.9	0.00781
				4.44	3.87	2.70	2.24	1.76	3.542	13
5:	13.33		1	9.52	0.09	2.9		5	1885.0	32
	8.48	20.71	6.99	18.09	15.93	13.84	11.94	10.11	84.2	0.06250
				5.79	4.76	3.82	3.07	2.43	0.457	13
6:	17.56		-5	11.94	0.20	2.3		5	1508.0	34
	10.45	25.45	8.92	22.23	19.58	16.85	14.50	12.61	103.4	0.06250
				7.30	5.70	4.82	3.79	2.96	1.507	13
7:	10.56		9	15.22	0.32	3.9		5	2513.5	34
	13.66	30.83	11.42	27.37	24.35	21.42	18.83	16.09	116.5	0.25000
				9.54	7.89	6.37	5.09	3.98	1.158	13
8:	5.43		-3	16.15	0.53	6.3		5	3770.3	26
	14.62	31.04	12.47	27.82	24.99	22.13	19.71	17.04	115.6	1.00000
				10.52	8.66	7.08	5.67	4.53	1.385	13

\*

	190N	180N ON	175N 190N	170N 10369N	160N 784	150N 4	140N 12:32:37	120N	100N	80N
1:	60.36		5	-7.82	0.43	16.9		5	188.5	15
	-8.67	-7.52	-0.81	-5.90	8.17	9.81	4.20	-2.69		98
				1.54	2.30	3.71	-2.97	1.05		
2:	39.59		-8	2.88	0.04	21.0		5	377.0	19
	2.56	6.77	2.07	5.67	4.84	4.11	3.53	3.04	33.6	0.00781
				1.68	1.31	1.08	0.89	0.70	1.924	13
3:	47.40		0	3.60	0.05	10.7		5	377.0	23
	3.07	8.67	2.59	7.36	6.71	5.86	4.93	3.98	55.6	0.00195
				2.22	1.80	1.44	1.02	0.89	4.008	13
4:	28.96		1	6.47	0.01	4.9		5	754.0	28
	5.93	13.61	4.13	11.61	8.71	7.30	6.69	6.30	72.7	0.00391
				3.19	2.47	1.80	1.98	1.21	10.969	13
5:	17.94		-5	7.01	0.07	2.4		5	1256.7	29
	6.21	15.75	5.11	13.59	11.86	10.24	8.84	7.45	81.4	0.00781
				4.18	3.35	2.68	2.11	1.62	1.504	13
6:	22.31		-4	8.76	0.10	2.3		5	1099.6	31
	7.70	19.57	6.46	17.09	15.80	13.86	11.82	9.62	95.2	0.01563
				5.39	4.49	3.69	2.62	2.31	3.773	13

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7:	13.27	-3	11.99	0.32	5.9		5	1979.3	34	
		26.02	22.76	20.27	17.71	15.24	12.82	123.7	0.01563	
	10.65	8.78	7.33	5.86	4.68	3.50	2.68	3.409	13	
8:	8.68	8	13.46	0.31	5.9		5	3110.5	34	
		28.27	25.37	26.46	23.94	20.24	15.66	113.9	0.25000	
	11.31	10.33	8.55	8.13	6.79	4.24	4.41	10.651	13	
*	200N	180N ON	175N 200N	170N 10369N	160N 780	150N 4	140N 12:35:21	120N	100N	80N
1:	27.50	4	-12.77	3.50	15.8		5	628.3	22	
		5.24	12.66	6.30	1.95	-2.06	-7.03			
	-7.54	-0.32	-2.58	3.00	4.15	2.52	-4.50		99	
2:	20.82	-8	3.93	0.01	17.8		5	942.5	25	
		9.12	7.68	6.70	5.73	4.91	4.14	64.9	0.00098	
	3.52	2.73	2.37	1.74	1.44	1.07	0.86	3.231	13	
3:	27.65	0	4.61	0.03	8.3		5	754.0	27	
		11.26	9.78	8.49	7.23	6.01	4.92	63.4	0.00391	
	4.08	3.45	2.92	2.39	2.00	1.48	1.00	5.239	13	
4:	18.51	2	7.69	0.11	4.5		5	1256.7	30	
		14.73	12.06	10.83	9.62	8.48	7.62	64.1	0.03125	
	6.57	4.80	4.22	2.83	2.36	1.89	2.07	9.842	13	
5:	12.22	-5	7.94	0.00	2.4		5	1885.0	30	
		17.72	15.29	13.38	11.59	10.01	8.44	82.9	0.01563	
	7.04	5.77	4.71	3.78	3.03	2.44	1.88	1.177	13	
6:	16.28	-4	9.58	0.14	2.1		5	1508.0	31	
		21.38	18.96	16.76	14.42	11.99	10.18	112.5	0.00781	
	8.38	7.07	5.98	5.09	3.95	2.98	2.01	5.690	13	
7:	10.30	-4	12.60	0.00	5.3		5	2513.5	33	
		26.80	23.67	20.92	18.12	15.46	13.28	117.1	0.03125	
	11.02	9.42	7.31	6.18	4.89	3.79	2.91	2.517	13	
8:	7.18	8	13.70	0.64	5.4		5	3770.3	35	
		30.92	28.70	25.49	21.89	17.53	14.52	115.1	0.25000	
	12.39	10.55	9.52	8.52	6.83	4.63	2.62	6.927	12	
*	210N	200N ON	195N 210N	190N 10389N	180N 780	170N 4	160N 12:39:17	140N	120N	100N
1:	55.45	-7	0.25	1.51	15.8		5	188.5	13	
		9.31	17.15	6.31	-4.36	-2.03	0.98			
	1.36	-2.95	3.07	1.44	0.62	-1.22	-4.11		99	
2:	32.99	2	3.47	0.25	16.8		5	377.0	16	
		7.13	5.36	5.43	5.16	4.54	3.72	26.7	0.25000	
	2.64	2.77	2.04	1.57	1.47	1.05	0.59	8.469	11	
3:	45.38	-4	3.33	0.00	6.0		5	377.0	22	
		8.64	7.92	6.31	4.83	4.03	3.48	76.9	0.00024	
	3.27	2.29	2.27	1.70	1.10	0.89	0.84	9.035	13	
4:	27.78	-1	5.15	0.31	4.9		5	754.0	27	
		10.62	8.07	7.97	7.68	6.42	5.30	42.8	0.06250	
	4.34	3.61	2.33	2.40	1.85	1.71	1.34	9.265	12	
5:	17.58	5	5.80	0.14	5.1		5	1256.7	28	
		13.82	11.78	10.26	9.07	7.51	6.14	54.8	0.06250	
	5.30	4.72	3.82	3.03	2.48	2.01	1.55	2.751	13	

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6:	21.17	-5	8.10	0.25	3.3		5	1099.6	30
		17.92	15.94	13.69	11.51	10.08	8.62	85.4	0.01563
	7.22	5.94	5.05	4.02	3.20	2.54	1.90	2.336	13
7:	12.28	-3	11.42	0.35	4.4		5	1979.3	31
		23.72	20.88	18.37	15.99	13.98	12.06	93.2	0.12500
	10.14	8.65	7.34	5.76	4.38	3.62	3.19	3.140	13
8:	8.19	-3	12.99	0.55	4.3		5	3110.5	33
		28.44	26.99	22.47	17.21	15.57	13.51	123.8	0.03125
	12.08	8.94	8.53	7.00	5.63	4.11	2.81	7.687	13

\*

	220N	200N ON	195N 220N	190N 10389N	180N 780	170N 4	160N 12:43:34	140N	120N	100N
1:	25.70	-7	-0.14	3.33	14.5		5	628.3	21	
		22.19	9.44	4.72	2.14	-4.23	-4.23			
	6.27	10.46	6.45	7.30	-0.80	-0.01	2.00		99	
2:	17.65	1	4.07	0.08	14.9		5	942.5	21	
		8.82	7.69	6.80	5.91	5.18	4.41	51.4	0.00391	
	3.44	2.73	2.25	1.78	1.51	1.22	0.84	4.260	13	
3:	26.81	-1	4.56	0.02	4.9		5	754.0	26	
		11.04	9.32	8.01	6.80	5.74	4.75	50.2	0.01563	
	4.30	3.55	2.88	2.38	1.78	1.45	1.15	2.924	13	
4:	18.00	-1	5.97	0.28	4.6		5	1256.7	29	
		12.09	10.99	9.84	8.68	7.82	6.58	55.2	0.03125	
	4.95	3.74	3.20	2.51	2.31	1.99	1.33	7.283	12	
5:	12.10	6	6.94	0.09	4.9		5	1885.0	29	
		15.21	13.30	11.82	10.15	8.82	7.36	66.4	0.03125	
	6.12	4.91	4.10	3.24	2.64	2.25	1.77	2.232	13	
6:	15.53	-6	8.74	0.01	3.2		5	1508.0	30	
		19.61	16.96	14.86	12.64	10.94	9.15	85.2	0.03125	
	8.07	6.73	5.47	4.40	3.50	2.83	2.20	1.827	13	
7:	9.64	-3	11.19	0.19	4.3		5	2513.5	31	
		24.25	21.16	18.79	16.24	14.17	11.82	99.8	0.06250	
	10.29	8.49	6.87	5.76	4.53	3.68	2.94	1.205	13	
8:	6.70	-3	12.93	0.43	4.2		5	3770.3	32	
		30.46	25.79	22.45	18.97	16.23	13.18	104.4	0.50000	
	12.96	11.26	8.94	7.92	5.81	4.98	3.82	5.617	13	

\*

	230N	220N ON	215N 230N	210N 10409N	200N 780	190N 4	180N 13:23:56	160N	140N	120N
1:	52.98	4	0.69	1.78	9.8		5	188.5	13	
		5.09	4.28	4.85	3.95	8.65	3.17			
	6.69	2.48	2.54	0.70	0.70	5.51	-1.00		99	
2:	34.61	-6	3.19	1.07	23.8		5	377.0	17	
		6.82	5.83	5.17	4.56	3.99	3.37			
	2.88	2.32	1.88	1.45	0.98	0.72	0.35		99	
3:	44.11	-3	3.38	0.03	26.9		5	377.0	21	
		7.99	6.74	5.82	5.05	4.41	3.63	64.7	0.00049	
	3.10	2.39	1.94	1.55	1.19	0.98	0.70	3.687	13	
4:	25.41	-4	4.79	0.00	14.2		5	754.0	25	
		10.69	9.20	7.66	6.66	5.21	4.89	95.1	0.00024	
	3.75	3.20	2.55	2.09	1.66	0.84	0.97	11.970	13	

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5:	17.22	-1	5.54	0.08	4.2		5	1256.7	28
		12.69	10.83	9.41	8.18	6.98	5.89	80.8	0.00195
	4.83	4.00	3.26	2.61	2.07	1.58	1.20	2.575	13
6:	20.95	3	6.97	0.32	3.5		5	1099.6	30
		15.51	13.67	11.73	10.16	8.86	7.39	73.7	0.01563
	6.30	5.00	4.08	3.37	2.71	2.26	1.70	1.707	13
7:	11.71	-6	9.27	0.56	4.9		5	1979.3	30
		20.37	18.08	15.40	13.51	11.77	9.82	88.4	0.03125
	8.40	6.59	5.41	4.54	3.56	2.95	2.06	1.754	12
8:	7.72	0	11.20	1.06	4.2		5	3110.5	31
		24.75	21.97	19.21	16.98	15.75	12.10	103.8	0.06250
	12.11	8.32	7.03	5.72	4.65	4.07	2.24	5.701	10

\*

	240N	220N ON	215N 240N	210N 10409N	200N 780	190N 4	180N 13:26:34	160N	140N	120N
1:	23.92	8	-1.21	4.73	9.5		5	628.3	19	
		-1.32	14.17	38.19	28.71	34.61	1.83			
	4.52	-4.90	-2.50	3.19	-2.88	-10.29	-1.77		99	
2:	18.26	-11	4.39	0.55	22.8		5	942.5	22	
		9.32	8.02	7.07	6.21	5.44	4.63	35.1	0.25000	
	3.93	3.32	2.84	2.39	1.92	1.13	0.84	1.463	9	
3:	26.01	-1	4.30	0.14	24.1		5	754.0	25	
		10.13	8.83	8.05	6.88	6.12	4.68	85.4	0.00049	
	3.91	3.09	2.52	2.23	1.66	1.17	0.94	5.577	13	
4:	16.39	-3	5.64	0.03	12.4		5	1256.7	26	
		13.29	10.37	7.23	6.33	5.06	5.98	39.9	2.00000	
	4.88	4.22	3.70	2.82	2.41	2.12	1.66	13.394	13	
5:	11.80	-1	6.65	0.00	4.1		5	1885.0	29	
		14.98	12.59	10.63	9.33	8.17	7.07	58.8	0.06250	
	5.78	4.79	4.04	3.28	2.75	2.14	1.70	2.174	13	
6:	15.25	2	7.80	0.01	3.5		5	1508.0	29	
		17.06	15.19	14.02	12.13	10.33	8.30	91.9	0.00781	
	7.03	5.78	4.59	3.75	2.87	2.40	1.90	3.091	13	
7:	9.12	-6	10.29	0.17	4.9		5	2513.5	29	
		21.41	19.65	18.28	15.91	13.40	11.09	86.8	0.12500	
	9.43	7.71	6.27	5.24	4.08	3.56	2.82	3.278	13	
8:	6.31	-0	10.90	1.28	4.2		5	3770.3	30	
		25.06	24.11	24.90	21.46	19.54	12.63	147.6	0.00781	
	11.39	7.65	6.92	6.71	4.25	2.85	2.76	13.243	10	

\*

	250N	240N ON	235N 250N	230N 10429N	220N 903	210N 4	200N 13:29:54	180N	160N	140N
1:	62.22	2	1.77	2.43	4.8		5	188.5	13	
		8.81	4.86	4.08	2.31	0.66	2.60			
	0.56	1.16	0.64	3.87	-0.88	-0.11	-0.30		99	
2:	38.79	-2	2.72	0.12	11.9		5	377.0	16	
		6.43	5.29	4.62	3.96	3.36	2.88	32.1	0.00781	
	2.39	1.95	1.53	1.44	1.00	0.84	0.57	3.806	12	
3:	48.61	4	3.45	0.08	10.0		5	377.0	20	
		8.27	6.91	5.97	5.12	4.32	3.65	51.2	0.00195	
	3.03	2.49	2.01	1.76	1.25	0.96	0.80	3.362	13	

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4:	28.91	-7	4.43	0.29	5.3		5	754.0	24
		9.43	8.33	7.32	6.51	5.73	4.59	46.1	0.01563
	4.05	3.21	2.61	1.80	1.82	1.27	1.03	6.038	11
5:	19.51	-3	5.37	0.15	7.2		5	1256.7	27
		11.92	10.26	8.94	7.78	6.76	5.71	61.9	0.00781
	4.78	3.90	3.17	2.46	2.06	1.57	1.24	2.125	13
6:	22.90	0	6.68	0.03	4.3		5	1099.6	28
		15.46	13.19	11.54	9.98	8.46	7.07	71.6	0.01563
	5.99	4.91	4.01	3.53	2.59	2.03	1.68	2.465	13
7:	13.34	0	8.52	0.07	5.4		5	1979.3	29
		19.06	16.43	14.39	12.44	10.75	9.06	89.1	0.01563
	7.48	6.28	5.16	4.29	3.19	2.62	1.95	2.645	13
8:	8.46	-1	10.55	0.54	4.9		5	3110.5	29
		24.90	20.82	18.28	15.61	12.42	10.82	111.1	0.01563
	9.43	7.78	5.86	6.96	3.91	2.88	2.41	10.865	12

\*

	260N	240N ON	235N 260N	230N 10429N	220N 678	210N 4	200N 13:32:33	180N	160N	140N
1:	20.00		0	6.79	0.51	4.7		5	628.3	19
		14.79	5.06	5.00	5.22	5.71	6.77	41.1	64.00000	
	3.23	0.98	2.86	0.60	2.69	2.12	0.85	36.121		9
2:	14.91	-1	3.72	0.09	11.9		5	942.5	21	
		8.39	6.89	6.04	5.27	4.54	3.92	38.6	0.01563	
	3.25	2.64	2.24	1.74	1.46	1.13	0.86	2.197	13	
3:	21.05	4	4.50	0.09	10.1		5	754.0	23	
		10.26	8.53	7.42	6.44	5.54	4.78	57.4	0.00391	
	3.94	3.16	2.63	2.04	1.66	1.28	1.01	2.119	13	
4:	13.81	-7	4.95	0.07	5.1		5	1256.7	26	
		11.07	9.98	8.68	7.46	6.29	5.28	53.8	0.01563	
	4.63	3.70	2.94	2.62	1.99	1.60	1.19	2.978	13	
5:	9.92	-2	6.32	0.19	6.8		5	1885.0	28	
		13.78	11.87	10.43	9.18	7.87	6.67	66.2	0.01563	
	5.64	4.72	3.85	3.17	2.48	1.93	1.42	3.326	13	
6:	12.41	1	7.87	0.43	4.1		5	1508.0	28	
		17.08	14.59	12.79	11.22	9.72	8.33	80.6	0.01563	
	6.90	5.63	4.66	3.67	2.97	2.29	1.78	1.994	12	
7:	7.72	1	9.77	0.51	5.3		5	2513.5	29	
		20.54	17.85	15.80	13.89	12.12	10.36	90.8	0.03125	
	8.63	7.11	5.82	4.62	3.71	2.85	2.19	2.427	12	
8:	5.15	-1	12.12	1.22	4.8		5	3770.3	29	
		25.30	20.78	18.56	16.43	14.36	12.79	107.6	0.03125	
	10.18	7.85	6.81	5.24	4.60	3.45	2.79	3.530	9	

\*

	270N	260N ON	255N 270N	250N 10449N	240N 678	230N 4	220N 13:35:26	200N	180N	160N
1:	45.93	-3	1.71	2.31	3.6		5	188.5	13	
		8.63	7.15	6.46	3.53	5.28	2.34			
	0.48	-1.52	-2.58	0.24	-0.59	-0.73	-1.96			99
2:	28.18	-3	2.59	0.13	10.7		5	377.0	16	
		5.96	5.04	4.36	3.76	3.28	2.74	23.6	0.06250	
	2.32	1.84	1.50	1.30	1.06	0.89	0.69	3.083	13	

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3:	33.68	1	3.28	0.11	9.9		5	377.0	19
		7.64	6.49	5.64	4.82	4.19	3.50	48.1	0.00195
	2.87	2.26	1.78	1.58	1.23	1.02	0.69	4.044	13
4:	20.34	-2	4.41	0.17	4.7		5	754.0	23
		9.48	8.14	7.08	6.14	5.02	4.54	36.1	0.12500
	4.02	3.15	2.72	2.06	1.85	1.39	1.14	3.390	13
5:	13.62	2	5.53	0.05	4.1		5	1256.7	25
		11.96	10.28	9.05	7.92	6.86	5.83	46.3	0.12500
	4.91	4.17	3.46	2.75	2.29	1.82	1.47	0.998	13
6:	16.63	-6	6.82	0.01	3.6		5	1099.6	27
		14.98	13.02	11.54	10.01	8.59	7.24	66.0	0.03125
	6.00	4.97	4.11	3.39	2.68	2.24	1.74	1.253	13
7:	9.37	-2	9.01	0.04	5.8		5	1979.3	27
		18.66	16.42	14.71	12.87	11.15	9.54	71.0	0.25000
	8.14	6.56	5.39	4.67	3.91	3.20	2.50	2.414	13
8:	6.17	6	10.85	0.00	5.5		5	3110.5	28
		22.51	20.11	17.73	15.52	13.69	11.68	100.4	0.03125
	9.03	7.19	5.51	5.78	4.08	3.86	2.46	7.692	13

\*

	280N	260N ON	255N 280N	250N 10449N	240N 512	230N 4	220N 13:38:28	200N	180N	160N
1:	15.46	-3	2.28	2.96	3.3		5	628.3	19	
		-1.82	13.99	23.14	-10.62	-5.77	1.48			
	-2.19	-5.93	-5.00	-8.63	3.81	-3.10	-5.63		99	
2:	11.24	-3	3.38	0.10	10.7		5	942.5	21	
		7.54	6.68	6.08	4.73	4.08	3.59	62.6	0.00049	
	2.89	2.35	1.86	1.39	1.33	0.93	0.66	5.890	13	
3:	15.05	1	4.13	0.15	10.3		5	754.0	22	
		9.23	8.30	7.57	5.65	4.89	4.33	76.6	0.00049	
	3.50	2.84	2.22	1.80	1.63	1.17	0.80	5.752	13	
4:	10.00	-2	5.28	0.01	4.7		5	1256.7	25	
		12.26	9.67	7.68	8.67	7.19	5.68	42.7	0.50000	
	5.03	4.51	3.52	3.56	1.65	2.06	1.68	14.321	13	
5:	7.12	3	6.26	0.09	4.1		5	1885.0	26	
		14.00	11.91	10.44	9.18	7.89	6.65	60.6	0.03125	
	5.60	4.60	3.82	3.16	2.32	1.98	1.65	2.495	13	
6:	9.23	-6	7.67	0.30	3.9		5	1508.0	27	
		16.20	14.42	12.91	10.61	9.05	8.09	71.5	0.03125	
	6.62	5.59	4.55	3.60	2.82	2.39	1.82	2.273	13	
7:	5.53	-1	9.41	0.34	5.7		5	2513.5	27	
		20.10	17.98	16.30	13.39	11.29	9.93	82.4	0.06250	
	8.04	6.88	5.49	4.52	4.07	2.86	2.47	3.664	13	
8:	3.80	6	11.18	1.53	5.5		5	3770.3	28	
		20.62	20.61	20.42	12.36	10.98	11.46	113.3	0.00781	
	8.40	7.20	5.69	3.96	3.91	2.91	1.81	12.488	7	

\*

	290N	280N ON	275N 290N	270N 10469N	260N 512	250N 4	240N 13:41:35	220N	200N	180N
1:	35.12	4	1.46	0.90	4.0		5	188.5	13	
		0.22	2.12	6.11	8.06	10.51	0.79			
	5.66	0.64	4.81	-3.27	-3.05	0.16	0.56		98	

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2:	19.85	-5	2.59	0.00	10.2		5	377.0	15
		6.38	5.37	4.70	4.08	3.45	2.74	35.6	0.00391
	2.44	1.96	1.56	1.26	0.91	0.81	0.71	4.700	13
3:	26.93	3	3.28	0.07	8.5		5	377.0	20
		7.56	6.47	5.81	5.11	4.55	3.46	49.4	0.00195
	3.01	2.39	2.10	1.40	1.11	1.04	0.80	6.221	13
4:	15.79	-9	4.02	0.23	3.0		5	754.0	23
		10.05	8.36	6.97	5.75	4.62	4.55	34.3	0.25000
	3.40	3.26	2.29	2.61	2.17	1.42	1.18	11.307	13
5:	9.81	0	5.17	0.20	4.2		5	1256.7	24
		11.53	9.85	8.56	7.35	6.28	5.52	94.9	0.00049
	4.46	3.67	2.97	2.31	1.84	1.36	1.00	5.031	13
6:	12.10	4	6.40	0.30	3.1		5	1099.6	26
		14.07	12.26	10.98	9.75	8.68	6.77	62.4	0.03125
	5.89	4.63	4.11	2.93	2.24	2.12	1.72	5.616	13
7:	7.03	-5	8.49	0.30	5.8		5	1979.3	27
		18.06	15.87	13.99	12.11	10.46	9.05	67.0	0.25000
	7.52	6.33	5.08	4.30	3.63	2.86	2.43	2.403	13
8:	4.44	2	9.30	1.32	6.2		5	3110.5	27
		18.12	17.11	17.09	16.11	15.58	9.39	75.4	1.00000
	9.50	6.67	7.13	2.93	2.18	3.18	2.33	12.888	9

\*

	300N	280N ON	275N 300N	270N 10469N	260N 512	250N 4	240N 13:44:08	220N	200N	180N
1:	15.38	3	-5.52	13.72	3.7		5	628.3	19	
		8.95	4.69	3.98	15.30	19.97	-0.56			
	2.23	5.40	5.31	3.94	-0.03	6.80	-0.17		99	
2:	10.36	-5	3.80	0.16	10.2		5	942.5	19	
		8.83	7.43	6.51	5.88	5.19	4.12	35.8	0.06250	
	3.46	2.91	2.43	1.95	1.54	1.48	1.00	4.665	13	
3:	15.78	4	4.09	0.30	8.7		5	754.0	23	
		10.05	8.46	7.36	6.72	6.00	4.51	43.3	0.03125	
	3.89	3.22	2.69	2.16	1.59	1.60	0.94	5.674	12	
4:	10.20	-9	5.79	0.90	2.9		5	1256.7	25	
		11.51	10.04	8.78	6.99	5.39	5.79	49.1	0.03125	
	4.78	3.55	3.00	2.20	2.01	1.22	1.29	8.045	7	
5:	6.77	0	6.27	0.07	4.1		5	1885.0	25	
		13.75	11.90	10.47	8.88	7.49	6.57	88.3	0.00195	
	5.54	4.38	3.65	2.91	2.28	1.54	1.33	5.270	13	
6:	8.90	4	7.34	0.25	3.1		5	1508.0	26	
		16.41	14.19	12.44	11.29	10.11	7.94	67.8	0.06250	
	6.83	5.68	4.66	3.88	2.91	2.58	1.89	3.128	13	
7:	5.50	-5	9.56	0.03	5.7		5	2513.5	27	
		20.04	17.54	15.55	13.25	11.41	10.01	87.7	0.03125	
	8.42	6.86	5.56	4.36	3.76	2.62	2.32	3.498	13	
8:	3.64	2	9.15	2.67	6.1		5	3770.3	27	
		22.57	19.19	17.61	17.80	17.11	10.82	195.7	4096.00000	
	9.84	8.41	7.29	6.18	3.70	5.93	2.85	6.046	5	

\*

	310N	300N ON	295N 310N	290N 10489N	280N 512	270N 4	260N 13:47:13	240N	220N	200N
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D18\_RAW.txt

1:	33.95	10	7.23	1.07	3.7		5	188.5	12
		10.46	8.00	8.18	5.00	3.78	5.45		
	3.26	-0.85	4.44	1.67	3.77	1.28	-0.85		99
2:	20.09	-16	2.60	0.03	10.8		5	377.0	15
		6.31	5.25	4.53	3.89	3.41	2.79	55.6	0.00024
	2.30	1.86	1.46	1.14	0.85	0.64	0.47	7.628	13
3:	26.23	-2	3.51	0.09	9.3		5	377.0	19
		7.95	6.72	5.90	4.97	4.28	3.64	64.7	0.00049
	3.03	2.34	2.04	1.57	1.27	0.95	0.68	4.329	13
4:	15.28	-2	4.03	0.15	3.1		5	754.0	22
		9.65	8.30	7.15	6.41	5.54	4.53	41.8	0.03125
	3.82	3.51	2.39	2.08	1.45	1.37	1.21	6.948	13
5:	10.33	3	5.21	0.02	2.5		5	1256.7	25
		11.95	10.20	8.86	7.67	6.58	5.54	109.5	0.00024
	4.57	3.67	2.92	2.27	1.75	1.28	0.94	6.916	13
6:	12.08	-8	6.65	0.15	2.9		5	1099.6	26
		14.69	12.68	11.14	9.59	8.22	7.03	85.1	0.00391
	5.89	4.69	3.98	3.15	2.61	1.92	1.39	4.173	13
7:	6.84	5	8.48	0.31	5.0		5	1979.3	26
		18.52	16.02	14.25	12.29	10.46	8.98	97.2	0.00781
	7.55	6.02	5.30	4.00	3.51	2.51	1.76	5.420	13
8:	4.46	-2	11.29	0.27	4.7		5	3110.5	27
		22.71	19.98	18.02	14.93	12.96	11.42	120.1	0.00781
	9.56	6.95	6.81	5.18	4.64	3.11	1.99	9.304	13

\*

	320N	300N ON	295N 320N	290N 10489N	280N 935	270N 4	260N 13:50:03	240N	220N	200N
1:	27.89	9	3.87	0.30	3.2		5	628.3	19	
		8.97	13.96	11.75	7.35	7.16	0.31			
	1.87	-2.61	6.58	2.04	0.33	-0.70	0.89		98	
2:	19.74	-15	3.97	0.10	10.5		5	942.5	20	
		8.75	7.48	6.54	5.70	4.90	4.20	35.8	0.06250	
	3.54	2.97	2.46	2.00	1.60	1.31	1.05	1.178	13	
3:	28.91	-1	4.26	0.18	9.5		5	754.0	23	
		9.91	8.60	7.50	6.35	5.45	4.43	62.8	0.00195	
	3.66	2.94	2.64	2.02	1.57	1.21	0.96	2.795	13	
4:	18.50	-3	5.44	0.03	3.1		5	1256.7	25	
		11.94	9.77	8.62	7.69	6.60	5.83	51.1	0.03125	
	4.82	4.18	3.01	2.58	1.94	1.59	1.46	5.001	13	
5:	13.29	3	6.45	0.29	2.4		5	1885.0	27	
		14.24	12.28	10.78	9.34	8.05	6.86	61.9	0.03125	
	5.69	4.71	3.85	3.14	2.57	2.03	1.59	0.629	13	
6:	16.55	-8	7.75	0.24	2.8		5	1508.0	27	
		16.64	14.39	12.68	10.99	9.66	8.12	73.5	0.03125	
	6.81	5.62	4.78	3.88	3.05	2.40	1.87	1.947	13	
7:	9.99	5	9.51	0.48	5.0		5	2513.5	27	
		19.91	17.37	15.41	13.30	11.78	9.89	77.2	0.12500	
	8.40	6.84	5.93	4.88	3.76	2.94	2.28	2.108	12	
8:	6.78	-1	11.47	0.10	4.7		5	3770.3	27	
		23.05	20.61	18.37	15.56	14.20	11.53	91.5	0.12500	
	9.79	7.81	7.50	6.19	4.50	3.59	2.83	4.508	13	



## D18\_RAW.txt

*	330N	320N ON	315N 330N	310N 10509N	300N 395	290N 4	280N 13:53:21	260N	240N	220N
1:	23.45		-1	7.98	5.61	2.0		6	188.5	11
	10.66		4.56	2.49	1.17	7.46	6.90	6.31		99
			1.86	4.40	-0.25	4.09	3.53	2.93		
2:	17.07		-5	2.92	0.46	8.7		6	377.0	16
	2.82		6.12	5.12	4.35	4.03	3.53	3.00	22.0	1.00000
			2.12	1.95	1.34	1.10	0.97	0.80	4.361	7
3:	19.51		5	3.42	0.30	8.2		6	377.0	19
	2.96		7.57	6.41	5.48	4.84	4.26	3.58	35.2	0.01563
			2.42	2.00	1.52	1.27	1.00	0.86	2.268	10
4:	11.82		-7	3.91	0.06	2.3		6	754.0	23
	3.51		9.72	8.71	7.52	6.59	5.50	4.44	89.8	0.00024
			2.81	2.28	2.17	1.56	1.20	0.56	15.882	13
5:	7.93		-2	5.12	0.25	3.2		6	1256.7	25
	4.51		11.88	10.24	9.01	7.73	6.57	5.50	67.5	0.00391
			3.78	3.01	2.41	1.96	1.46	1.05	1.953	12
6:	9.42		1	7.06	0.98	2.4		6	1099.6	26
	6.37		15.16	13.06	11.38	10.00	8.66	7.38	61.8	0.06250
			5.06	4.27	3.29	2.52	2.12	1.94	1.398	8
7:	5.29		-6	8.14	0.92	4.7		6	1979.3	27
	7.07		17.83	15.51	13.68	11.84	10.23	8.69	84.5	0.01563
			5.73	4.51	3.58	2.89	2.25	1.72	1.375	8
8:	3.39		9	11.96	3.83	4.8		6	3110.5	27
	11.49		21.50	18.71	15.83	14.77	13.53	12.01		99
			8.30	8.19	5.58	4.27	4.12	4.16		

*	340N	320N ON	315N 340N	310N 10509N	300N 395	290N 4	280N 13:56:16	260N	240N	220N
1:	10.80		-2	14.95	6.87	2.0		5	628.3	17
	16.79		-2.87	-9.30	-9.59	2.18	18.08	9.66		99
			2.38	-6.60	-4.73	0.12	2.71	-3.79		
2:	9.23		-5	3.99	0.24	9.1		5	942.5	22
	3.72		7.79	6.38	5.41	5.18	4.98	4.21	30.3	0.12500
			2.80	1.82	1.71	1.50	0.94	0.98	9.924	11
3:	11.80		6	4.45	0.32	8.6		5	754.0	23
	4.03		9.83	8.39	7.27	6.35	5.90	4.72	56.4	0.00391
			3.19	2.35	1.85	1.54	1.13	0.64	5.646	10
4:	7.81		-8	4.74	0.24	2.3		5	1256.7	25
	3.99		12.71	11.21	9.86	8.01	6.06	5.45	49.6	0.06250
			4.18	3.86	2.93	2.26	1.82	1.46	9.269	13
5:	5.55		-2	6.23	0.34	3.1		5	1885.0	26
	5.40		14.19	12.32	10.76	9.31	7.92	6.63	73.2	0.00781
			4.60	3.85	3.01	2.26	1.92	1.46	2.288	12
6:	7.00		1	7.86	0.44	2.4		5	1508.0	27
	7.13		16.67	14.48	12.63	11.19	9.94	8.38	73.2	0.03125
			5.64	4.14	3.64	3.08	2.38	1.80	4.035	12
7:	4.19		-7	9.22	0.72	4.7		5	2513.5	27
	8.11		19.88	17.50	15.33	13.30	11.64	9.81	81.8	0.06250
			6.91	5.70	4.54	3.77	3.02	2.45	0.921	11

D18\_RAW.txt

8:	2.81	10	11.95	1.81	4.8		5	3770.3	27
		21.16	17.92	15.62	14.94	15.30	12.72	179.9	4096.00000
	11.75	8.04	4.70	4.81	4.54	3.60	2.24	5.697	7

\*  
 350N    340N    335N    330N    320N    310N    300N    280N    260N    240N  
          ON    350N    10529N    567    4    14:03:11|

1:	36.10	-0	5.67	1.70	3.2		5	188.5	12
		11.95	12.32	10.11	6.81	5.71	4.61		
	2.87	2.00	3.08	2.03	0.67	0.29	-0.55		99

2:	22.86	-4	2.81	0.05	9.7		5	377.0	15
		6.33	5.36	4.69	4.07	3.53	2.98	27.4	0.03125
	2.50	2.06	1.70	1.39	1.12	0.89	0.70	0.770	13

3:	28.41	6	3.68	0.05	8.5		5	377.0	19
		8.31	7.13	6.19	5.29	4.63	3.91	53.2	0.00195
	3.15	2.68	2.17	1.73	1.31	1.03	0.77	3.672	13

4:	17.14	-8	4.06	0.13	2.4		5	754.0	23
		9.43	7.90	6.93	6.18	5.36	4.41	37.6	0.06250
	3.74	3.05	2.54	2.00	1.66	1.29	1.18	3.562	13

5:	11.12	3	5.41	0.01	2.1		5	1256.7	25
		12.22	10.53	9.22	7.94	6.90	5.76	63.3	0.00781
	4.77	3.90	3.17	2.51	2.12	1.71	1.27	1.872	13

6:	13.63	-7	6.92	0.00	2.2		5	1099.6	26
		15.11	13.17	11.55	9.96	8.79	7.36	98.2	0.00195
	5.95	5.01	3.97	3.21	2.47	1.87	1.40	4.567	13

7:	7.68	0	9.09	0.21	4.3		5	1979.3	27
		19.29	17.03	14.94	12.80	11.43	9.66	92.7	0.01563
	7.81	6.71	5.29	4.41	3.37	2.61	2.11	2.820	13

8:	4.87	-1	10.75	0.11	4.7		5	3110.5	27
		22.63	20.17	17.65	14.90	13.66	11.41	208.1	0.00024
	8.43	7.64	5.86	4.58	3.15	2.45	1.34	16.517	13

\*  
 360N    340N    335N    330N    320N    310N    300N    280N    260N    240N  
          ON    360N    10529N    700    4    14:06:06|

1:	20.34	-0	4.73	1.66	3.2		5	628.3	18
		13.57	8.34	4.43	1.26	-5.45	3.80		
	2.93	0.16	-6.04	1.63	-10.13	0.72	1.48		99

2:	15.35	-5	3.77	0.10	9.7		5	942.5	21
		8.44	7.21	6.35	5.51	4.73	4.01	48.6	0.00391
	3.34	2.75	2.22	1.78	1.39	1.10	0.79	3.635	13

3:	21.39	7	4.56	0.02	8.5		5	754.0	23
		10.48	8.85	7.67	6.59	5.50	4.75	65.7	0.00195
	4.04	3.29	2.56	2.16	1.44	1.25	1.16	5.829	13

4:	14.09	-9	5.51	0.04	2.4		5	1256.7	25
		11.97	10.51	9.49	8.38	7.66	6.02	51.5	0.06250
	4.98	4.24	3.80	2.72	2.95	1.84	1.24	9.488	13

5:	9.66	4	6.50	0.01	2.1		5	1885.0	26
		14.44	12.48	10.97	9.45	8.18	6.88	68.5	0.01563
	5.77	4.76	3.91	3.15	2.55	1.98	1.60	0.956	13

6:	12.56	-7	7.76	0.17	2.2		5	1508.0	27
		17.03	14.82	13.09	11.35	9.71	8.26	81.3	0.01563
	6.96	5.71	4.53	3.86	2.83	2.38	1.96	2.469	13

D18\_RAW.txt

7:	7.53	-1	9.52	0.26	4.3		5	2513.5	27
		20.65	18.08	16.08	13.94	11.88	10.14	84.6	0.06250
	8.62	7.09	5.61	4.91	3.55	3.09	2.64	3.336	13

8:	5.00	-1	11.17	0.31	4.7		5	3770.3	27
		23.78	20.54	18.13	15.33	12.67	11.42	110.2	0.01563
	10.20	8.13	5.68	5.65	3.03	3.14	3.15	12.032	13

\* 370N 360N 355N 350N 340N 330N 320N 300N 280N 260N  
ON 370N 10549N 700 4 14:09:03|

1:	43.79	-12	5.63	4.07	3.4		5	188.5	12
		7.59	4.34	4.48	0.88	2.70	3.64		
	6.64	4.63	0.73	3.93	3.85	3.82	-0.94		99

2:	26.64	4	2.77	0.20	9.7		5	377.0	14
		6.68	5.73	5.02	4.47	3.78	3.09	38.2	0.00391
	2.38	2.02	1.83	1.33	1.10	0.74	0.80	3.652	11

3:	33.84	5	3.87	0.03	7.7		5	377.0	18
		8.44	7.10	6.23	5.31	4.60	3.94	33.9	0.06250
	3.51	2.80	2.22	1.93	1.59	1.32	0.88	4.454	13

4:	20.41	-6	4.43	0.31	2.2		5	754.0	22
		10.09	9.08	7.94	7.08	5.99	4.91	59.7	0.00391
	3.82	3.20	2.76	2.03	1.54	1.10	1.06	3.781	10

5:	13.52	3	5.61	0.19	2.5		5	1256.7	24
		12.52	10.82	9.52	8.23	7.13	5.96	59.0	0.01563
	4.96	4.12	3.38	2.72	2.18	1.62	1.36	2.154	13

6:	16.29	-2	7.15	0.02	1.9		5	1099.6	26
		15.40	13.34	11.86	10.16	8.78	7.39	67.2	0.03125
	6.46	5.22	4.10	3.45	2.77	2.30	1.59	3.390	13

7:	9.34	-7	8.91	0.14	3.7		5	1979.3	26
		19.11	16.73	14.89	12.89	11.17	9.46	70.9	0.25000
	7.95	6.68	5.57	4.65	3.45	2.82	2.90	6.130	13

8:	5.96	5	11.48	0.06	3.9		5	3110.5	26
		21.41	18.88	16.93	14.35	12.44	11.17	116.6	0.00781
	10.46	8.16	5.67	5.30	4.35	3.98	1.35	21.601	13

\* 380N 360N 355N 350N 340N 330N 320N 300N 280N 260N  
ON 380N 10549N 700 4 14:11:30|

1:	19.01	-12	3.40	8.84	3.1		5	628.3	17
		15.68	21.19	5.57	-3.11	2.13	3.40		
	10.93	1.84	1.69	4.30	8.71	-0.88	-0.04		99

2:	13.74	4	4.02	0.33	9.5		5	942.5	18
		8.76	7.03	6.76	6.24	5.07	4.29	41.5	0.01563
	3.23	2.92	2.37	1.75	1.14	1.27	0.95	5.431	10

3:	19.64	5	4.92	0.52	7.7		5	754.0	21
		11.31	9.92	8.15	6.92	6.05	5.16	48.0	0.03125
	4.59	3.62	3.02	2.50	2.22	1.80	1.23	2.999	9

4:	13.03	-6	5.64	0.43	2.2		5	1256.7	23
		12.56	10.37	9.76	8.74	7.36	6.11	72.7	0.00391
	4.61	4.17	3.30	2.41	1.46	1.68	1.22	5.274	10

5:	9.19	3	6.79	0.17	2.5		5	1885.0	25
		14.85	12.86	11.37	9.93	8.54	7.23	71.1	0.01563
	6.03	5.04	4.13	3.31	2.59	2.07	1.59	2.109	13

D18\_RAW.txt

6:	11.78	-2	8.10	0.70	1.8		5	1508.0	25
		17.78	15.57	13.28	11.74	9.97	8.59	77.5	0.03125
	7.41	5.86	4.90	3.95	3.34	2.61	1.88	1.485	10
7:	7.23	-7	9.68	0.34	3.7		5	2513.5	26
		20.42	17.89	15.92	14.00	12.03	10.27	109.0	0.00781
	8.59	7.04	5.73	4.61	3.55	2.71	2.16	3.686	13
8:	4.85	5	11.08	2.84	3.9		5	3770.3	26
		24.80	22.00	17.41	15.48	13.10	11.56		
	10.73	7.85	6.90	5.15	5.19	3.86	2.52		99

\*  
 390N      360N      355N      350N      340N      330N      320N      300N      280N      260N  
           ON           390N      10549N      700           4           14:14:39|

1:	43.44	-4	2.89	0.99	2.0		5	1319.5	82
		4.91	4.56	3.64	1.36	5.85	3.32		
	-0.95	3.38	2.03	0.86	1.02	0.75	1.04		99
2:	26.57	2	3.02	0.12	7.9		5	1759.3	67
		7.03	5.96	5.23	4.50	3.85	3.22	57.2	0.00049
	2.61	2.16	1.74	1.38	1.10	0.82	0.62	3.320	13
3:	33.43	5	4.07	0.03	7.1		5	1256.7	60
		9.23	7.85	6.82	5.90	5.15	4.40	52.6	0.00391
	3.49	3.02	2.41	1.81	1.51	1.20	0.90	2.924	13
4:	18.95	-8	5.18	0.08	1.5		5	1885.0	51
		11.67	10.04	8.86	7.89	6.30	5.46	55.5	0.01563
	4.97	3.70	3.11	2.58	2.04	1.63	1.29	2.820	13
5:	12.58	3	6.34	0.00	2.0		5	2639.0	47
		13.84	11.98	10.53	9.22	7.93	6.70	56.5	0.06250
	5.70	4.73	3.90	3.15	2.49	2.02	1.64	0.919	13
6:	15.47	-2	7.46	0.05	2.0		5	1979.3	44
		16.12	14.13	12.38	10.70	9.41	7.96	70.8	0.03125
	6.47	5.49	4.44	3.57	2.87	2.35	1.81	1.252	13
7:	8.88	-3	8.74	0.38	3.5		5	3110.5	39
		19.17	16.85	14.76	12.79	11.51	9.41	112.6	0.00391
	7.60	6.51	5.21	4.19	3.28	2.51	1.93	3.613	13
8:	5.79	-1	10.70	0.24	3.6		5	4493.1	37
		22.54	19.88	17.52	15.07	13.79	11.63	81.6	0.50000
	9.14	8.52	6.85	5.29	4.63	3.80	3.13	3.405	13

\*  
 390N      360N      355N      350N      340N      330N      320N      300N      280N      260N  
           ON           390N      10549N      700           4           14:18:03|

1:	18.15	-5	4.01	0.59	2.0		5	1319.5	34
		6.18	6.12	5.50	7.99	6.60	6.50	96.6	4096.00000
	5.15	1.47	0.77	1.79	5.82	5.71	0.84	51.160	9
2:	13.69	2	4.84	0.08	8.3		5	1759.3	34
		10.50	9.11	8.00	6.95	6.03	5.15	43.1	0.06250
	4.23	3.50	2.89	2.35	1.97	1.58	1.28	1.490	13
3:	19.54	6	5.52	0.00	7.5		5	1256.7	35
		12.21	10.51	9.20	8.02	6.93	5.86	63.6	0.00781
	4.82	3.92	3.17	2.57	2.16	1.73	1.22	2.856	13
4:	12.21	-8	6.59	0.13	1.5		5	1885.0	33
		14.72	12.78	11.18	9.56	8.28	6.97	69.1	0.01563
	5.82	4.97	4.11	3.18	2.31	1.85	1.72	4.633	13

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5:	8.64	3	7.20	0.05	2.0		5	2639.0	33
		16.03	13.91	12.20	10.58	9.16	7.67	82.9	0.00781
	6.40	5.15	4.18	3.33	2.66	2.12	1.71	1.700	13
6:	11.36	-2	8.86	0.03	2.0		5	1979.3	32
		18.64	16.37	14.51	12.76	11.06	9.44	77.7	0.06250
	7.81	6.43	5.33	4.38	3.63	2.77	2.29	1.401	13
7:	6.97	-2	10.12	0.08	3.5		5	3110.5	31
		21.07	18.55	16.58	14.55	12.74	10.68	94.0	0.03125
	9.04	7.25	5.94	4.80	3.98	3.04	2.30	2.932	13
8:	4.78	3	12.10	0.24	3.2		5	4493.1	31
		23.63	20.96	18.78	16.89	14.88	12.83	88.5	0.50000
	10.49	8.80	7.27	6.12	5.38	4.07	3.24	2.382	13

\*

	410N	400N ON	395N 410N	390N 10589N	380N 700	370N 4	360N 14:21:53	340N	320N	300N
1:	44.95	-2	1.52	1.54	2.2		5	188.5	12	
		6.57	4.51	4.57	2.12	0.78	1.02			
	2.29	1.22	2.52	1.07	0.37	2.23	1.87		99	
2:	24.08	-0	3.34	0.07	8.6		5	377.0	13	
		7.71	6.51	5.66	4.89	4.20	3.54	38.9	0.00781	
	2.92	2.34	1.94	1.54	1.26	1.00	0.82	1.418	13	
3:	30.25	5	4.63	0.09	8.0		5	377.0	16	
		10.64	9.08	7.98	6.81	5.82	4.92	49.3	0.01563	
	4.14	3.37	2.83	2.21	1.71	1.43	1.18	2.012	13	
4:	18.50	-5	5.92	0.17	1.8		5	754.0	20	
		12.80	11.24	9.83	8.73	7.58	6.34	75.3	0.00391	
	5.18	4.32	3.34	2.79	2.30	1.63	1.20	5.189	13	
5:	12.60	3	6.90	0.05	1.5		5	1256.7	23	
		15.09	13.10	11.50	10.03	8.65	7.33	65.9	0.03125	
	6.12	5.02	4.07	3.34	2.69	2.13	1.71	0.825	13	
6:	14.65	-3	8.22	0.04	1.3		5	1099.6	23	
		17.70	15.44	13.62	11.82	10.19	8.67	68.2	0.12500	
	7.29	6.02	5.09	4.16	3.30	2.70	2.23	1.288	13	
7:	8.66	-3	9.26	0.04	3.8		5	1979.3	24	
		20.17	17.67	15.64	13.57	11.67	9.83	96.1	0.01563	
	8.23	6.76	5.49	4.40	3.56	2.80	2.16	1.738	13	
8:	5.63	5	11.25	0.23	3.4		5	3110.5	25	
		23.58	20.84	18.80	15.90	13.46	11.84	84.1	2.00000	
	10.31	8.45	7.54	5.90	4.66	4.47	3.99	6.716	13	

\*

	420N	400N ON	395N 420N	390N 10589N	380N 700	370N 4	360N 14:24:34	340N	320N	300N
1:	18.00	-2	6.07	3.69	2.2		5	628.3	16	
		13.91	12.06	7.60	10.91	8.83	4.99			
	1.63	-3.09	1.59	-0.58	-0.51	-2.50	2.18		99	
2:	11.90	-0	4.91	0.03	9.1		5	942.5	16	
		10.91	9.35	8.31	7.31	6.18	5.20	51.7	0.01563	
	4.39	3.56	2.97	2.37	1.90	1.41	1.20	2.415	13	
3:	17.18	6	6.06	0.18	8.5		5	754.0	19	
		13.75	11.93	10.31	9.01	7.71	6.47	78.4	0.00391	
	5.21	4.10	3.53	2.75	2.30	1.71	1.52	3.048	13	

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4:	11.71	-6	7.06	0.02	1.9		5	1256.7	21
		15.31	13.42	11.81	10.17	8.80	7.46	59.7	0.12500
	6.45	5.54	4.34	3.82	2.94	2.55	1.70	4.265	13
5:	8.55	3	7.92	0.10	1.5		5	1885.0	23
		17.33	15.04	13.33	11.52	10.00	8.43	90.7	0.00781
	6.99	5.73	4.62	3.69	2.88	2.28	1.92	2.370	13
6:	10.69	-3	9.14	0.32	1.3		5	1508.0	23
		19.72	17.39	15.25	13.27	11.45	9.69	87.3	0.03125
	8.05	6.67	5.50	4.46	3.70	2.85	2.31	1.098	13
7:	6.79	-3	10.60	0.21	4.6		5	2513.5	24
		22.18	19.60	17.44	15.26	13.32	11.27	108.2	0.01563
	9.41	7.71	6.28	5.01	3.98	3.14	2.48	2.566	13
8:	4.63	6	11.92	0.87	4.2		5	3770.3	25
		24.79	22.41	20.02	17.53	15.24	12.71	132.4	0.00781
	10.04	7.67	6.63	5.25	4.56	2.94	2.70	4.368	11

\*

	430N	420N ON	415N 430N	410N 10609N	400N 700	390N 4	380N 14:27:36	360N	340N	320N
1:	47.24	-1	1.84	0.11	2.0		5	188.5	13	
		6.32	4.48	4.48	4.15	2.93	2.19	28.8	0.00781	
	1.33	2.57	1.34	0.44	0.52	0.48	0.67	24.201	10	
2:	29.50	-1	3.49	0.06	8.9		5	377.0	16	
		8.20	6.91	6.04	5.18	4.42	3.71	75.9	0.00024	
	3.07	2.55	2.01	1.56	1.24	0.96	0.69	4.231	13	
3:	32.19	3	4.60	0.05	8.7		5	377.0	17	
		10.49	8.94	7.80	6.71	5.72	4.86	41.8	0.06250	
	4.13	3.47	2.77	2.23	1.90	1.55	1.23	2.197	13	
4:	16.77	-6	6.21	0.00	2.5		5	754.0	18	
		13.37	11.65	10.19	8.83	7.69	6.50	64.0	0.01563	
	5.57	4.39	3.69	2.99	2.25	1.84	1.50	2.229	13	
5:	10.92	6	7.39	0.04	2.2		5	1256.7	20	
		16.14	14.00	12.35	10.74	9.25	7.84	76.5	0.01563	
	6.61	5.38	4.41	3.52	2.76	2.18	1.71	2.169	13	
6:	14.14	-2	8.49	0.05	1.2		5	1099.6	22	
		18.43	16.06	14.25	12.42	10.73	9.05	80.8	0.03125	
	7.48	6.36	5.11	4.08	3.31	2.62	2.02	1.904	13	
7:	8.14	-2	10.20	0.46	2.9		5	1979.3	23	
		21.29	18.76	16.66	14.61	12.66	10.77	88.5	0.06250	
	9.10	7.57	6.18	4.93	4.03	3.29	2.44	2.085	13	
8:	5.49	3	11.33	0.26	3.7		5	3110.5	24	
		23.48	20.80	18.71	16.05	14.02	12.01	92.5	0.12500	
	10.12	8.50	7.02	5.52	4.67	3.75	2.87	1.511	13	

\*

	440N	420N ON	415N 440N	410N 10609N	400N 521	390N 4	380N 14:30:51	360N	340N	320N
1:	14.24	-1	1.50	7.90	2.0		5	628.3	17	
		14.26	10.84	9.60	6.05	5.06	2.72			
	2.12	3.98	-4.15	2.70	1.76	1.73	-4.71		99	
2:	10.91	-2	5.15	0.44	9.6		5	942.5	20	
		12.05	10.43	9.19	7.93	6.92	5.49	52.0	0.03125	
	4.70	3.75	3.03	2.91	2.17	1.93	1.42	4.528	10	

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3:	13.59	4	5.50	0.71	9.4		5	754.0	20
		13.48	11.60	10.11	8.59	7.32	5.92	95.6	0.00098
	5.01	3.96	3.15	2.60	2.09	1.63	0.89	1.363	8
4:	7.91	-6	7.47	0.53	2.4		5	1256.7	19
		15.58	13.60	11.94	10.58	9.16	7.85	64.8	0.06250
	6.65	5.24	4.78	3.50	2.87	2.15	2.25	2.950	11
5:	5.58	6	8.75	0.20	2.2		5	1885.0	20
		18.26	15.96	14.22	12.32	10.53	9.20	75.1	0.06250
	7.66	6.27	5.28	4.06	3.36	2.67	2.21	1.748	13
6:	7.77	-2	9.03	0.43	1.2		5	1508.0	22
		20.54	18.10	15.93	13.78	11.96	9.73	83.8	0.06250
	8.48	7.05	5.56	4.96	3.75	3.03	1.74	2.260	12
7:	4.80	-2	11.02	0.86	3.0		5	2513.5	23
		22.44	19.91	17.70	15.62	13.49	11.68	93.9	0.06250
	9.71	7.97	6.43	5.03	3.84	3.04	2.71	2.476	10
8:	3.40	3	10.28	0.35	3.7		5	3770.3	25
		24.96	22.08	19.44	16.53	14.65	11.41	118.5	0.01563
	9.79	8.50	6.80	5.96	4.39	3.38	1.27	3.471	12

\*

450N	440N ON	435N 450N	430N 10629N	420N 521	410N 4	400N 14:33:54	380N	360N	340N
1:	36.62	2	4.06	1.94	3.4		5	188.5	13
		5.81	6.04	2.46	3.46	5.45	3.63		
	3.85	2.81	2.80	2.14	1.47	2.53	0.74		99
2:	21.37	-6	3.90	0.02	9.3		5	377.0	15
		8.95	7.63	6.75	5.78	4.90	4.14	41.7	0.01563
	3.46	2.94	2.36	1.86	1.51	1.19	0.97	1.379	13
3:	25.43	4	4.84	0.05	7.8		5	377.0	18
		11.08	9.48	8.13	7.06	6.16	5.14	62.7	0.00391
	4.32	3.51	2.83	2.26	1.78	1.43	1.06	2.512	13
4:	14.42	-4	5.87	0.10	2.0		5	754.0	21
		13.58	11.59	10.49	8.83	7.37	6.31	86.9	0.00195
	5.25	4.32	3.49	2.63	2.21	1.63	1.43	3.120	13
5:	8.72	3	7.01	0.05	2.1		5	1256.7	21
		15.70	13.61	12.00	10.39	8.92	7.46	81.2	0.00781
	6.14	5.11	4.14	3.26	2.62	2.06	1.67	1.578	13
6:	9.54	1	8.80	0.00	1.7		5	1099.6	20
		18.82	16.54	14.37	12.63	11.11	9.33	100.3	0.00781
	8.00	6.51	5.42	4.33	3.30	2.55	1.83	5.332	13
7:	6.02	-0	10.22	0.08	2.9		5	1979.3	23
		21.64	19.07	16.56	14.44	12.80	10.87	143.4	0.00195
	8.99	7.31	6.03	5.26	4.12	2.65	1.75	10.688	13
8:	3.95	1	11.79	0.21	2.9		5	3110.5	24
		23.95	21.47	18.07	16.29	14.79	12.56	118.3	0.01563
	10.61	8.31	7.38	6.32	4.88	3.27	2.19	10.059	13

\*

460N	440N ON	435N 460N	430N 10629N	420N 521	410N 4	400N 14:36:35	380N	360N	340N
1:	14.76	2	-0.43	0.28	3.1		5	628.3	18
		6.10	5.96	8.57	9.50	8.17	-4.26		
	6.66	6.58	8.96	-1.62	5.98	8.58	4.96		98

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2:	10.63	-6	5.63	0.04	9.4		5	942.5	19
		12.54	10.76	9.33	8.13	6.98	6.03	72.0	0.00391
	4.92	4.08	3.25	2.69	2.13	1.63	1.17	3.889	13
3:	14.51	4	6.18	0.01	8.1		5	754.0	21
		14.33	12.32	10.93	9.41	8.07	6.48	57.3	0.06250
	5.69	4.67	3.97	3.00	2.54	2.10	1.77	3.263	13
4:	9.18	-4	7.62	0.19	2.0		5	1256.7	22
		16.63	14.45	12.40	10.69	9.07	8.33	156.4	0.00024
	6.17	5.03	3.92	3.86	2.49	1.95	1.40	7.542	13
5:	5.98	3	8.52	0.14	2.1		5	1885.0	22
		18.25	16.02	14.06	12.26	10.63	9.09	80.2	0.03125
	7.49	6.26	5.07	4.13	3.31	2.55	1.99	2.164	13
6:	7.09	2	9.60	0.00	1.7		5	1508.0	21
		20.69	18.12	16.15	14.22	12.42	9.99	77.6	0.25000
	8.96	7.46	6.36	4.81	4.14	3.47	2.71	2.553	13
7:	4.81	-0	11.25	0.09	3.0		5	2513.5	23
		23.20	20.52	18.33	16.21	14.25	11.64	85.7	0.50000
	10.45	8.73	7.43	5.77	4.82	3.97	3.25	1.848	13
8:	3.30	1	11.54	0.16	3.0		5	3770.3	24
		25.04	21.73	20.01	17.43	15.79	11.73	92.2	0.50000
	11.42	9.57	8.63	5.92	5.19	4.30	3.46	5.132	13

\*

	470N	460N ON	455N 470N	450N 10649N	440N 521	430N 4	420N 14:41:27	400N	380N	360N
1:	37.45		-2	1.64	2.06	1.8		5	188.5	14
			5.63	6.81	7.28	4.18	7.02	3.58		
	2.65		3.82	2.10	1.81	1.39	1.14	0.46		99
2:	23.77		1	3.84	0.16	3.8		5	377.0	17
			8.94	7.83	6.96	5.87	5.31	4.24	42.7	0.01563
	3.44		2.98	2.36	1.92	1.59	1.27	0.96	2.194	13
3:	25.42		-2	5.14	0.11	3.8		5	377.0	18
			11.74	10.21	9.00	7.68	6.73	5.54	61.5	0.00781
	4.59		3.88	3.12	2.50	2.01	1.60	1.26	1.273	13
4:	14.63		-8	6.88	0.14	2.5		5	754.0	21
			14.99	12.70	10.99	9.99	7.90	6.96	63.5	0.03125
	5.69		4.51	3.96	3.38	2.53	2.05	1.80	4.075	13
5:	9.34		5	7.71	0.18	2.4		5	1256.7	23
			17.00	14.71	12.91	11.22	9.59	8.17	88.3	0.00781
	6.80		5.55	4.56	3.64	2.85	2.29	1.77	1.794	13
6:	10.71		0	8.64	0.49	1.9		5	1099.6	23
			18.93	16.63	14.68	12.87	11.20	9.25	83.4	0.03125
	7.70		6.53	5.20	4.23	3.38	2.70	2.21	1.489	12
7:	5.51		2	10.11	0.55	3.3		5	1979.3	21
			21.57	19.05	16.99	14.83	13.15	10.83	89.6	0.06250
	9.18		7.69	6.22	4.93	3.97	3.19	2.53	2.039	12
8:	3.97		3	11.30	1.70	2.8		5	3110.5	24
			23.84	21.80	19.35	17.35	15.36	12.35	89.9	0.50000
	10.25		9.34	7.35	6.03	4.91	4.11	3.45	2.993	8

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	480N	460N ON	455N 480N	450N 10649N	440N 521	430N 4	420N 14:44:21	400N	380N	360N
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D18\_RAW.txt

1:	15.46	-2	10.24	3.40	1.8		5	628.3	19
	4.82	-2.92	18.17	22.94	11.07	-3.56	15.03		
		2.98	3.38	2.38	2.59	7.09	2.67		99
2:	12.08	1	6.16	0.43	3.8		5	942.5	22
	5.12	11.77	11.51	10.60	8.66	6.36	6.83	60.8	0.01563
		4.23	3.31	2.76	2.20	2.06	1.62	6.857	11
3:	14.77	-2	6.87	0.08	3.8		5	754.0	21
	5.92	14.48	13.26	11.95	9.91	8.13	7.45	70.9	0.01563
		4.86	4.05	3.23	2.54	2.08	1.66	2.607	13
4:	9.44	-8	7.58	0.29	2.5		5	1256.7	23
	6.78	18.56	14.47	11.76	11.03	10.60	7.71	74.3	0.03125
		6.01	4.51	3.81	3.26	2.20	2.04	6.529	13
5:	6.46	6	8.81	0.14	2.4		5	1885.0	23
	7.75	19.21	16.70	14.62	12.68	11.13	9.36	100.5	0.00781
		6.36	5.16	4.25	3.42	2.62	1.90	3.467	13
6:	7.97	0	9.95	0.04	1.9		5	1508.0	23
	8.59	20.21	18.26	16.43	14.19	11.75	10.71	91.8	0.03125
		6.97	5.84	4.54	3.66	3.20	2.41	3.053	13
7:	4.43	2	11.36	0.42	3.4		5	2513.5	21
	9.98	22.73	20.54	18.62	16.08	13.62	12.11	104.4	0.03125
		8.24	6.78	5.34	4.18	3.50	2.67	2.985	13
8:	3.34	2	12.67	0.62	2.8		5	3770.3	24
	11.46	25.54	22.14	19.22	17.40	16.01	13.29	96.1	0.25000
		9.74	8.16	6.77	5.03	3.86	3.11	4.707	13

\*

	490N	480N ON	475N 490N	470N 10669N	460N 521	450N 4	440N 14:47:30	420N	400N	380N
1:	44.75		-5	3.39	0.57	1.7		5	188.5	16
			7.44	8.97	9.18	4.31	2.56	3.67	77.9	4096.00000
	3.90		3.96	2.69	3.90	2.83	1.79	1.91	27.368	8
2:	23.48		-2	3.94	0.01	4.1		5	377.0	17
			8.95	7.77	6.84	5.67	4.68	4.18	31.2	1.00000
	3.59		3.17	2.41	2.33	1.87	1.49	1.27	6.054	13
3:	27.98		5	4.90	0.00	4.1		5	377.0	20
			11.35	9.74	8.49	7.23	6.14	5.21	52.5	0.01563
	4.35		3.62	2.89	2.41	1.92	1.54	1.22	0.951	13
4:	15.70		-6	6.40	0.11	2.4		5	754.0	23
			14.59	12.14	10.51	9.57	8.37	6.81	104.1	0.00098
	5.60		4.45	3.68	2.77	2.22	1.79	1.39	3.668	13
5:	9.34		1	7.60	0.26	2.6		5	1256.7	23
			16.96	14.75	12.87	11.18	9.67	8.09	109.1	0.00195
	6.69		5.50	4.42	3.50	2.79	2.06	1.59	3.913	13
6:	11.06		-3	9.04	0.00	2.2		5	1099.6	23
			19.58	17.16	15.23	13.10	11.22	9.61	80.2	0.06250
	8.03		6.74	5.33	4.58	3.67	2.97	2.34	1.252	13
7:	6.08		1	9.93	0.05	4.1		5	1979.3	23
			21.32	18.80	16.66	14.50	12.51	10.56	112.6	0.00781
	8.82		7.24	5.80	4.67	3.66	2.97	2.14	3.442	13
8:	3.62		5	11.79	0.00	3.9		5	3110.5	22
			23.83	21.49	19.38	16.50	14.03	12.52	91.2	0.25000
	10.49		9.00	6.92	6.28	4.98	4.16	3.02	3.156	13

## D18\_RAW.txt

*	500N	480N ON	475N 500N	470N 10669N	460N 605	450N 4	440N 14:50:28	420N	400N	380N
1:	22.13		-5	5.86	1.73	1.8		5	628.3	23
	6.57	11.72	2.70	9.86	6.08	5.17	4.36	6.01		99
2:	13.92		-2	5.25	0.17	4.1		5	942.5	22
	4.75	11.70	3.62	9.96	8.40	7.17	6.19	5.57	53.5	0.01563
3:	18.80		5	6.13	0.01	4.1		5	754.0	23
	5.44	13.90	4.42	11.90	10.34	8.89	7.65	6.50	70.9	0.00781
4:	11.66		-6	7.41	0.10	2.4		5	1256.7	24
	6.48	16.49	5.49	14.28	12.84	10.97	9.58	7.91	71.7	0.03125
5:	7.44		2	8.57	0.07	2.6		5	1885.0	23
	7.61	18.78	6.32	16.25	14.32	12.42	10.74	9.11	89.6	0.01563
6:	9.46		-3	9.90	0.04	2.1		5	1508.0	24
	8.77	20.90	7.18	18.30	16.12	14.02	12.12	10.41	85.4	0.06250
7:	5.60		2	10.91	0.06	4.2		5	2513.5	23
	9.70	22.60	7.95	20.04	17.80	15.63	13.48	11.47	94.1	0.06250
8:	3.51		5	12.96	0.39	4.0		5	3770.3	22
	11.40	24.95	8.88	22.08	19.51	17.05	14.96	13.35	104.8	0.06250

*	510N	500N ON	495N 510N	490N 10689N	480N 605	470N 4	460N 14:53:32	440N	420N	400N
1:	58.28		3	2.93	0.09	3.4		5	188.5	18
	2.41	5.98	2.25	5.00	4.09	3.84	2.75	2.97	20.9	0.50000
2:	33.21		-1	3.24	0.06	3.6		5	377.0	21
	2.91	7.55	2.38	6.36	5.51	4.70	4.00	3.42	53.8	0.00098
3:	39.12		3	4.25	0.03	3.5		5	377.0	24
	3.75	9.82	3.07	8.35	7.20	6.23	5.32	4.51	55.2	0.00391
4:	20.73		-7	5.57	0.00	3.1		5	754.0	26
	4.99	12.64	4.14	10.86	9.52	8.27	7.25	5.94	59.7	0.01563
5:	12.02		5	7.22	0.06	2.8		5	1256.7	25
	6.43	15.96	5.22	13.82	12.10	10.46	9.01	7.63	69.2	0.03125
6:	13.36		-6	8.65	0.06	1.8		5	1099.6	24
	7.65	18.81	6.32	16.37	14.44	12.52	10.84	9.18	89.5	0.01563
7:	7.27		-2	9.95	0.35	4.0		5	1979.3	24
	8.99	21.50	7.84	18.76	16.76	14.78	13.07	10.75	96.4	0.03125

D18\_RAW.txt

8:	4.59	4	12.39	0.10	3.9		5	3110.5	24
	11.18	24.27	21.80	19.44	16.87	14.29	12.67	102.8	0.06250
		8.68	7.47	5.67	4.83	3.59	2.97	3.343	13
*									
520N	500N	495N	490N	480N	470N	460N	440N	420N	400N
	ON	520N	10689N	605	4		14:56:15		
1:	23.66	5	3.81	2.45	3.3		5	628.3	25
	3.21	9.79	7.67	6.61	6.55	6.00	3.50		
		4.22	2.70	3.35	2.38	2.77	0.44		99
2:	16.07	-3	4.33	0.27	3.5		5	942.5	25
	3.84	10.17	8.57	7.35	6.45	5.57	4.47	37.8	0.12500
		3.22	2.51	2.32	1.99	1.67	1.03	6.136	12
3:	21.58	3	5.27	0.01	3.5		5	754.0	27
	4.61	12.34	10.47	9.07	7.81	6.64	5.60	77.6	0.00195
		3.77	3.06	2.48	1.97	1.60	1.16	1.987	13
4:	12.78	-7	7.02	0.41	3.1		5	1256.7	27
	6.38	15.24	13.29	11.78	10.12	8.88	7.44	56.7	0.25000
		5.41	4.47	3.60	2.95	2.38	2.06	2.280	13
5:	7.99	6	8.00	0.18	2.8		5	1885.0	25
	7.07	17.66	15.32	13.42	11.68	10.09	8.53	71.7	0.06250
		5.86	4.79	4.01	3.26	2.69	2.13	1.576	13
6:	9.60	-6	9.56	0.12	1.8		5	1508.0	24
	8.54	20.45	17.80	15.73	13.80	11.90	10.09	78.7	0.12500
		6.96	5.80	4.77	3.87	3.18	2.52	1.012	13
7:	5.67	-2	10.85	0.17	4.0		5	2513.5	24
	9.78	22.81	20.13	17.93	15.83	13.56	11.50	102.8	0.03125
		8.36	7.04	5.47	4.51	3.34	2.27	6.361	13
8:	3.78	4	12.40	0.62	3.9		5	3770.3	24
	11.17	24.60	21.91	19.30	17.00	15.18	13.21	89.4	1.00000
		8.77	7.34	6.41	5.31	4.55	3.68	3.374	13
*									
530N	520N	515N	510N	500N	490N	480N	460N	440N	420N
	ON	530N	10709N	605	4		14:59:16		
1:	56.63	13	2.35	0.13	3.3		5	188.5	18
	1.88	6.47	5.32	5.40	3.86	3.56	2.75	29.0	0.01563
		1.61	1.72	1.15	1.16	0.50	0.88	15.143	12
2:	37.26	-14	3.05	0.08	3.5		5	377.0	23
	2.68	7.06	5.99	5.28	4.49	3.84	3.26	30.0	0.03125
		2.08	1.87	1.51	1.25	0.93	0.85	4.119	13
3:	42.72	0	3.69	0.02	4.3		5	377.0	27
	3.24	8.68	7.35	6.41	5.47	4.67	3.93	43.9	0.00781
		2.70	2.19	1.77	1.44	1.08	0.95	2.329	13
4:	22.15	-2	5.10	0.00	3.5		5	754.0	28
	4.50	11.45	9.73	8.36	7.22	6.32	5.36	49.0	0.03125
		3.59	3.06	2.48	1.96	1.65	1.32	1.963	13
5:	13.46	7	6.50	0.00	2.5		5	1256.7	28
	5.82	14.65	12.60	10.94	9.56	8.14	6.85	68.6	0.01563
		4.78	3.89	3.13	2.49	2.02	1.58	0.882	13
6:	14.28	-4	8.41	0.00	1.5		5	1099.6	26
	7.51	18.19	15.94	14.07	12.22	10.59	8.92	67.6	0.25000
		6.38	5.22	4.29	3.55	2.92	2.59	3.448	13

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7:	7.28	-3	10.77	0.00	3.8		5	1979.3	24
		22.24	19.69	17.31	15.40	13.50	11.38	82.2	4.00000
	9.72	8.45	7.20	6.05	5.13	4.37	3.72	3.950	13

8:	4.60	-0	11.99	0.00	4.1		5	3110.5	24
		23.75	21.69	19.68	17.20	14.86	12.64	90.0	4.00000
	10.75	9.52	7.57	6.43	5.80	4.48	4.37	5.595	13

\*  
 540N      520N      515N      510N      500N      490N      480N      460N      440N      420N  
           ON            540N      10709N      605            4            15:02:09|

1:	25.19	13	3.67	0.92	3.0		5	628.3	26
		8.77	9.52	7.79	-0.80	2.63	3.79		
	5.59	1.60	0.91	0.91	-0.84	-2.12	-1.38		99

2:	19.24	-13	4.01	0.06	3.4		5	942.5	30
		9.41	8.16	6.97	4.94	4.70	4.25	77.5	0.00024
	3.85	2.69	2.06	1.58	1.24	0.61	0.57	21.317	13

3:	24.59	0	4.63	0.08	4.3		5	754.0	31
		10.96	9.30	8.00	6.53	5.80	4.96	100.3	0.00024
	4.20	3.33	2.67	2.12	1.65	1.19	0.95	4.636	13

4:	14.06	-2	5.99	0.02	3.4		5	1256.7	29
		13.41	11.57	10.20	9.46	7.84	6.36	54.8	0.06250
	4.98	4.40	3.63	2.90	2.61	2.07	1.67	4.632	13

5:	9.16	7	7.27	0.13	2.5		5	1885.0	29
		16.28	14.01	12.30	10.71	9.14	7.73	84.0	0.00781
	6.37	5.24	4.24	3.42	2.73	2.20	1.72	1.055	13

6:	10.44	-4	8.91	0.26	1.4		5	1508.0	26
		19.44	17.00	14.93	12.48	11.12	9.47	92.5	0.01563
	8.13	6.52	5.32	4.33	3.57	2.50	2.16	3.403	13

7:	5.76	-3	10.72	0.02	3.8		5	2513.5	24
		22.44	19.84	17.60	15.34	13.43	11.41	93.5	0.06250
	9.57	7.93	6.53	5.26	4.31	3.41	2.65	1.369	13

8:	3.83	-1	12.54	0.17	4.1		5	3770.3	24
		25.51	22.99	20.18	15.37	14.59	13.21	150.2	0.00391
	12.02	8.85	7.26	5.60	4.63	2.65	2.79	10.856	13

\*  
 550N      540N      535N      530N      520N      510N      500N      480N      460N      440N  
           ON            550N      10729N      605            4            15:05:19|

1:	56.53	2	3.57	0.35	3.9		5	188.5	18
		5.62	5.64	5.50	5.53	5.00	3.01	34.3	128.00000
	2.84	1.93	2.71	2.59	0.67	0.91	1.32	20.319	10

2:	38.00	-1	2.73	0.21	5.3		5	377.0	24
		6.77	5.70	5.04	4.26	3.63	2.90	61.8	0.00024
	2.37	1.90	1.58	1.28	0.83	0.61	0.47	1.752	10

3:	40.13	-5	3.62	0.03	5.8		5	377.0	25
		8.43	7.12	6.21	5.36	4.57	3.84	47.5	0.00391
	3.19	2.59	2.15	1.74	1.33	1.07	0.85	1.296	13

4:	24.27	-4	4.44	0.03	3.9		5	754.0	30
		10.66	9.02	7.69	6.50	5.50	4.82	52.9	0.00781
	3.97	3.32	2.48	2.05	1.83	1.36	1.12	3.451	13

5:	14.82	3	5.81	0.08	3.7		5	1256.7	31
		13.23	11.33	9.88	8.51	7.27	6.16	56.6	0.03125
	5.16	4.27	3.50	2.84	2.31	1.86	1.50	1.018	13

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6:	15.40	3	7.67	0.31	2.9		5	1099.6	28
		16.74	14.51	12.74	11.03	9.50	8.12	72.9	0.03125
	6.80	5.57	4.67	3.81	2.93	2.37	1.83	1.678	13
7:	7.68	-3	10.27	0.07	3.3		5	1979.3	25
		21.12	18.65	16.62	14.63	12.72	10.96	80.2	0.25000
	9.08	7.61	6.61	5.17	4.08	3.54	2.90	2.288	13
8:	4.57	-1	12.13	0.01	3.6		5	3110.5	24
		23.94	21.23	19.29	17.10	15.01	13.22	88.3	1.00000
	10.70	8.84	8.19	6.24	4.71	4.61	3.52	4.570	13

\*

	560N	540N ON	535N 560N	530N 10729N	520N 605	510N 4	500N 15:07:56	480N	460N	440N
1:	23.27		3	1.90	1.34	3.6		5	628.3	24
		8.46	7.50	7.02	5.84	4.41	1.36			
	2.50	2.28	-0.99	1.47	1.01	1.09	0.97			99
2:	18.08		-2	3.76	0.16	5.0		5	942.5	28
		9.17	7.85	6.89	5.89	5.04	3.99	42.3	0.01563	
	3.36	2.88	2.18	1.92	1.52	1.31	1.07	4.408		13
3:	21.65		-5	4.51	0.08	5.8		5	754.0	27
		10.74	9.19	8.00	6.86	5.87	4.81	49.3	0.01563	
	3.99	3.34	2.60	2.22	1.76	1.49	1.22	3.152		13
4:	14.54		-4	5.89	0.10	3.9		5	1256.7	30
		12.75	10.92	9.49	8.15	7.02	6.17	55.0	0.03125	
	5.08	4.13	3.66	2.76	2.25	1.66	1.47	3.175		13
5:	9.50		3	6.84	0.00	3.7		5	1885.0	30
		15.18	13.13	11.47	10.00	8.58	7.24	65.9	0.03125	
	6.11	4.97	4.10	3.32	2.69	2.19	1.72	0.604		13
6:	10.74		3	8.95	0.14	2.9		5	1508.0	27
		19.16	16.84	15.00	13.08	11.31	9.48	68.3	1.00000	
	8.09	6.79	5.55	4.87	4.08	3.20	2.97	4.593		13
7:	5.88		-3	11.02	0.23	3.3		5	2513.5	24
		22.27	19.74	17.68	15.44	13.55	11.59	82.7	4.00000	
	10.09	8.59	7.03	6.08	5.25	4.25	3.74	3.586		13
8:	3.73		-1	12.62	0.77	3.6		5	3770.3	23
		25.69	23.60	21.34	18.64	16.09	13.29	126.4	128.00000	
	11.95	10.52	8.35	8.07	7.02	5.67	5.85	8.702		13

\*

	570N	560N ON	555N 570N	550N 10749N	540N 605	530N 4	520N 15:10:55	500N	480N	460N
1:	50.50		6	2.68	2.44	6.4		5	188.5	16
		10.10	7.51	5.53	3.47	3.13	4.32			
	1.08	0.13	1.12	0.13	1.13	0.51	1.32			99
2:	33.41		-7	2.90	0.07	7.7		5	377.0	21
		6.84	5.72	4.96	4.28	3.68	3.08	31.5	0.01563	
	2.60	2.16	1.76	1.45	1.18	0.92	0.73	1.376		13
3:	41.64		-0	3.68	0.07	6.1		5	377.0	26
		8.91	7.47	6.40	5.42	4.70	3.96	48.7	0.00391	
	3.19	2.60	2.22	1.71	1.38	1.08	0.92	2.221		13
4:	22.06		-0	4.71	0.18	5.3		5	754.0	27
		10.22	8.70	7.77	6.86	5.98	4.84	49.1	0.01563	
	4.23	3.43	2.78	2.38	1.86	1.46	1.01	4.477		13

D18\_RAW.txt

5:	12.89	-3	5.70	0.12	5.2		5	1256.7	27
		12.91	11.01	9.63	8.41	7.20	6.03	73.9	0.00391
	5.05	4.12	3.36	2.67	2.15	1.68	1.28	1.955	13
6:	15.77	-4	7.23	0.33	4.8		5	1099.6	29
		16.21	14.00	12.17	10.47	9.15	7.74	76.1	0.01563
	6.41	5.30	4.48	3.50	2.76	2.18	1.76	1.623	13
7:	7.84	6	9.55	0.76	5.0		5	1979.3	26
		21.12	18.46	16.16	13.53	11.98	10.39	85.3	0.06250
	8.42	7.21	5.92	4.82	3.80	3.03	2.59	1.443	10
8:	4.67	-1	11.74	0.90	3.3		5	3110.5	24
		25.67	22.58	19.56	16.30	14.90	12.81	103.9	0.06250
	10.35	8.70	7.71	5.93	4.52	3.84	3.86	3.154	11

\*

	580N	560N ON	555N 580N	550N 10749N	540N 605	530N 4	520N 15:13:43	500N	480N	460N
1:	21.46	5	10.48	0.00	5.9		5	628.3	22	
		2.67	6.03	7.59	7.63	3.15	8.29			
	4.50	0.91	3.28	-1.49	-2.24	-0.37	0.46		98	
2:	16.75	-6	3.74	0.10	7.3		5	942.5	26	
		8.79	7.41	6.45	5.55	4.75	3.99	49.6	0.00391	
	3.33	2.74	2.21	1.79	1.43	1.13	0.90	0.894	13	
3:	23.59	-1	4.77	0.20	6.0		5	754.0	29	
		10.84	9.23	8.02	6.98	5.86	5.03	61.1	0.00391	
	4.09	3.28	2.83	2.17	1.63	1.43	1.13	2.773	13	
4:	13.79	-0	4.85	0.30	5.3		5	1256.7	29	
		13.15	11.00	9.40	7.79	6.97	5.52	58.6	0.01563	
	4.81	3.96	3.06	2.72	2.42	1.46	1.23	5.186	11	
5:	8.65	-3	6.42	0.43	5.1		5	1885.0	27	
		14.71	12.64	11.02	9.51	8.21	6.86	68.6	0.01563	
	5.73	4.79	3.88	3.10	2.51	1.91	1.51	0.648	11	
6:	11.38	-4	8.18	0.90	4.6		5	1508.0	28	
		17.51	15.21	13.45	11.73	10.07	8.61	71.3	0.06250	
	7.11	5.77	4.91	3.87	3.00	2.54	2.00	1.160	9	
7:	6.17	6	10.64	1.69	4.8		5	2513.5	26	
		21.56	18.90	16.84	14.75	12.63	11.05	84.3	0.12500	
	8.97	7.20	6.29	4.88	3.72	3.47	2.66	1.130	7	
8:	3.90	-2	12.78	2.45	3.4		5	3770.3	24	
		24.53	21.65	19.47	17.44	14.94	13.21	90.2	1.00000	
	10.64	8.56	7.82	5.85	4.20	3.91	2.94	0.960	6	

\*

	590N	580N ON	575N 590N	570N 10769N	560N 605	550N 4	540N 15:16:44	520N	500N	480N
1:	45.96	7	2.52	0.83	6.0		5	188.5	14	
		5.83	2.96	2.33	4.33	1.66	1.93			
	2.15	3.23	1.77	1.08	2.34	0.93	0.91		99	
2:	27.96	-10	2.93	0.01	10.1		5	377.0	17	
		6.85	5.72	4.96	4.37	3.73	3.11	27.0	0.06250	
	2.58	2.18	1.82	1.45	1.19	0.96	0.83	3.000	13	
3:	35.73	5	3.49	0.00	7.8		5	377.0	22	
		8.22	6.88	5.99	5.31	4.43	3.68	41.8	0.00781	
	3.08	2.60	2.10	1.68	1.39	1.09	0.86	1.432	13	

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4:	21.09	-6	4.63	0.05	5.4		5	754.0	26
		10.55	9.12	8.06	6.79	5.95	4.90	60.2	0.00391
	4.05	3.23	2.69	2.33	1.68	1.37	1.02	3.189	13
5:	14.50	2	5.75	0.03	5.7		5	1256.7	30
		13.15	11.28	9.80	8.43	7.27	6.12	67.0	0.00781
	5.10	4.13	3.38	2.75	2.17	1.73	1.35	0.959	13
6:	15.04	-5	7.10	0.00	4.7		5	1099.6	27
		15.67	13.47	11.86	10.51	8.91	7.49	59.7	0.12500
	6.29	5.30	4.34	3.54	2.92	2.36	1.96	1.907	13
7:	8.41	-1	8.84	0.04	5.8		5	1979.3	28
		19.07	16.54	14.76	13.03	10.99	9.46	100.4	0.00781
	7.73	6.44	5.25	4.13	3.29	2.51	1.99	2.985	13
8:	4.92	8	11.39	0.00	4.4		5	3110.5	25
		22.54	18.79	17.48	17.10	13.53	11.40	131.9	512.00000
	9.99	9.94	8.08	6.78	6.54	5.40	4.64	7.142	13

\*

	600N	580N ON	575N 600N	570N 10769N	560N 605	550N 4	540N 15:19:27	520N	500N	480N
1:	18.46	7	-0.33	2.62	5.2		5	628.3	19	
		6.01	8.76	7.25	6.47	8.20	-0.77			
	4.17	1.22	0.78	0.83	-0.33	-1.63	-0.52		99	
2:	13.69	-9	3.73	0.04	9.2		5	942.5	21	
		8.85	7.56	6.56	5.60	4.84	3.99	63.1	0.00098	
	3.27	2.70	2.13	1.70	1.42	1.08	0.87	1.571	13	
3:	20.19	6	4.53	0.10	7.6		5	754.0	25	
		10.63	9.04	7.94	6.85	5.91	4.80	67.2	0.00195	
	4.02	3.31	2.66	2.13	1.65	1.29	1.05	2.000	13	
4:	13.27	-6	5.79	0.23	5.3		5	1256.7	28	
		12.84	10.83	9.44	8.18	6.78	6.20	54.3	0.03125	
	4.83	4.16	3.34	2.66	2.24	1.84	1.41	2.525	13	
5:	9.75	2	6.74	0.09	5.6		5	1885.0	30	
		15.31	13.16	11.47	9.85	8.46	7.17	87.3	0.00391	
	5.91	4.88	3.96	3.20	2.53	2.01	1.53	1.654	13	
6:	10.84	-5	7.96	0.20	4.6		5	1508.0	27	
		17.35	15.16	13.41	11.71	10.11	8.42	83.1	0.01563	
	7.06	5.83	4.75	3.89	3.05	2.41	1.89	1.683	13	
7:	6.57	-1	9.72	0.37	5.5		5	2513.5	27	
		20.45	18.05	16.15	14.16	12.27	10.29	84.9	0.06250	
	8.56	7.18	5.86	4.81	3.92	3.01	2.35	1.979	13	
8:	4.09	8	11.17	0.19	4.2		5	3770.3	25	
		23.21	21.24	19.31	16.67	15.24	11.60	99.3	0.06250	
	10.76	8.51	6.70	5.69	3.98	3.53	3.04	5.530	13	

\*

	610N	600N ON	595N 610N	590N 10789N	580N 605	570N 4	560N 15:22:19	540N	520N	500N
1:	40.57	6	1.83	3.05	4.8		5	188.5	13	
		8.03	5.25	2.37	6.10	3.38	1.53			
	0.09	2.19	-0.98	0.79	1.84	1.21	3.09		99	
2:	25.04	-8	3.23	0.50	8.9		5	377.0	16	
		7.45	6.24	5.33	4.86	4.04	3.36	37.7	0.00781	
	2.42	2.45	1.62	1.52	1.13	1.12	1.31	2.014	6	

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3:	32.49	-0	3.48	0.02	9.1		5	377.0	20
		8.51	7.12	6.10	5.33	4.50	3.70	52.5	0.00195
	3.07	2.56	2.01	1.55	1.29	1.06	0.88	2.951	13
4:	18.75	-5	4.59	0.43	5.2		5	754.0	23
		10.43	9.05	8.02	6.64	5.82	4.94	45.4	0.03125
	4.39	3.22	2.93	2.16	1.74	1.35	0.62	3.373	9
5:	13.06	7	5.63	0.00	5.7		5	1256.7	27
		12.92	11.06	9.62	8.28	7.16	6.01	73.5	0.00391
	5.02	4.08	3.26	2.69	2.13	1.67	1.31	1.385	13
6:	16.19	-5	7.13	0.11	4.7		5	1099.6	29
		16.06	13.84	12.06	10.47	9.03	7.58	68.7	0.03125
	6.27	5.22	4.22	3.37	2.81	2.28	1.83	1.472	13
7:	8.26	-5	8.76	0.26	6.5		5	1979.3	27
		19.19	16.76	14.69	12.72	11.05	9.30	91.0	0.01563
	7.64	6.36	5.16	4.11	3.28	2.71	2.16	1.341	13
8:	5.34	2	10.53	1.01	5.9		5	3110.5	27
		23.32	19.96	16.92	16.21	13.59	10.93	100.3	0.03125
	9.04	8.20	6.11	5.05	4.90	4.19	3.60	3.708	10

\*

	620N	600N ON	595N 620N	590N 10789N	580N 605	570N 4	560N 15:25:08	540N	520N	500N
1:	17.75		6	13.52	3.58	4.7		5	628.3	18
		9.49		13.21	7.96	12.22	10.27	8.31		
	11.04	4.85		3.48	3.20	0.61	4.25	-2.01		99
2:	13.35		-9	5.23	0.63	8.3		5	942.5	21
		9.57		8.62	7.08	6.67	5.51	4.64	35.3	1.00000
	4.73	3.03		2.27	1.89	1.28	1.40	0.67	5.950	7
3:	19.51		-0	4.84	0.18	8.6		5	754.0	24
		10.86		9.25	7.99	7.00	6.10	5.14	78.7	0.00098
	4.28	3.37		2.77	2.25	1.74	1.39	0.94	5.040	13
4:	12.33		-5	4.72	0.12	5.1		5	1256.7	26
		12.24		10.12	9.18	7.56	6.37	5.35	54.7	0.01563
	4.17	3.83		3.03	2.07	2.14	1.46	1.63	10.277	13
5:	9.12		8	6.45	0.02	5.6		5	1885.0	28
		15.04		12.97	11.37	9.75	8.30	6.94	76.6	0.00781
	5.65	4.76		3.95	3.18	2.48	1.94	1.56	1.401	13
6:	11.98		-6	8.16	0.16	4.7		5	1508.0	30
		17.52		15.29	13.39	11.71	10.15	8.57	92.4	0.00781
	7.22	5.82		4.82	3.86	3.00	2.41	1.81	2.769	13
7:	6.51		-5	9.83	0.27	6.4		5	2513.5	27
		20.45		18.04	15.88	14.02	12.23	10.45	85.3	0.06250
	8.69	7.11		5.87	4.86	3.85	3.16	2.43	1.399	13
8:	4.44		2	13.06	0.95	5.8		5	3770.3	28
		22.44		20.60	17.90	16.53	14.87	12.87	89.2	0.25000
	11.40	8.27		6.93	5.54	3.79	3.40	1.42	5.297	10

\*

	630N	620N ON	615N 630N	610N 10809N	600N 605	590N 4	580N 15:28:08	560N	540N	520N
1:	41.02		13	2.57	2.22	5.0		5	188.5	13
		2.77		0.87	4.11	3.32	4.43	5.16		
	0.52	0.58		-3.05	2.13	-0.27	-1.13	0.80		99



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2:	25.23	-12	3.25	0.18	5.4		5	377.0	16
		7.50	6.24	5.46	4.80	4.11	3.49	42.2	0.00391
	2.80	2.31	1.81	1.54	1.19	0.97	0.83	1.999	12
3:	32.67	3	3.98	0.08	5.9		5	377.0	20
		9.16	7.65	6.81	5.89	5.14	4.36	52.0	0.00391
	3.43	2.83	2.16	1.97	1.48	1.13	0.98	3.707	13
4:	18.88	-5	5.01	0.37	6.3		5	754.0	24
		11.98	10.28	8.65	7.26	6.04	5.07	59.7	0.00781
	4.62	3.76	3.37	2.24	1.99	1.67	1.19	5.463	11
5:	12.98	1	5.52	0.08	4.8		5	1256.7	27
		13.05	11.18	9.73	8.26	7.07	5.92	73.4	0.00391
	4.88	3.93	3.41	2.65	2.11	1.67	1.31	1.388	13
6:	15.31	1	7.03	0.22	3.5		5	1099.6	28
		15.63	13.54	11.92	10.23	8.86	7.54	81.1	0.00781
	6.17	5.03	3.96	3.33	2.60	2.08	1.74	2.034	13
7:	9.19	-5	8.64	0.35	6.9		5	1979.3	30
		19.24	16.66	14.60	12.74	10.94	9.24	111.1	0.00391
	7.66	6.29	5.00	4.10	3.19	2.47	2.00	2.245	13
8:	5.29	-1	10.65	0.25	6.5		5	3110.5	27
		20.51	17.83	17.21	14.57	13.41	12.30	88.1	0.06250
	8.80	7.37	4.87	5.38	3.68	2.73	3.26	12.614	13

\*

	640N	620N ON	615N 640N	610N 10809N	600N 420	590N 4	580N 15:31:10	560N	540N	520N
1:	12.41		13	2.55	6.57	4.6		5	628.3	19
		-8.23	7.04	8.30	3.39	10.39	4.67	5.37		
			3.73	2.40	3.91	0.60	3.78	0.33		99
2:	9.20		-12	4.52	0.21	5.0		5	942.5	21
			10.31	8.64	7.53	6.67	5.72	4.73	43.7	0.03125
	3.87		3.27	2.76	2.14	1.82	1.45	1.07	2.019	12
3:	13.42		2	5.09	0.14	5.9		5	754.0	24
			11.86	10.07	8.71	7.74	6.55	5.40	66.9	0.00391
	4.20		3.76	3.08	2.45	1.97	1.55	1.12	3.207	13
4:	8.50		-5	6.32	0.91	6.2		5	1256.7	25
			14.26	12.32	10.91	8.79	7.70	6.56	57.2	0.06250
	6.14		4.33	3.44	2.78	2.18	1.66	1.35	4.293	7
5:	6.18		1	7.17	0.21	4.7		5	1885.0	28
			15.71	13.68	11.96	10.43	8.89	7.62	63.7	0.06250
	6.31		5.22	4.32	3.61	2.88	2.31	1.82	0.937	13
6:	7.73		1	8.01	0.41	3.5		5	1508.0	28
			17.67	15.32	13.35	11.52	10.12	8.42	91.4	0.00781
	7.12		5.78	4.72	3.74	2.99	2.24	1.72	2.556	12
7:	4.95		-5	9.73	0.44	6.9		5	2513.5	30
			20.79	18.24	16.00	13.81	12.15	10.26	91.0	0.03125
	8.66		7.10	5.85	4.63	3.69	2.83	2.15	2.381	12
8:	3.00		-1	10.35	0.72	6.4		5	3770.3	27
			21.95	19.03	16.39	15.47	13.81	11.21	82.2	0.25000
	8.29		8.14	6.48	5.55	4.53	3.58	2.03	4.986	11

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	650N	640N ON	635N 650N	630N 10829N	620N 420	610N 4	600N 15:34:05	580N	560N	540N
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D18\_RAW.txt

1:	31.99	9	-1.40	1.09	6.8	5	188.5	14
	1.72	1.40	6.76	5.13	0.97	-1.11	0.11	
		6.57	2.17	1.24	1.54	-0.21	-0.99	99
2:	19.14	-15	3.77	0.44	7.6	5	377.0	17
	3.31	8.57	7.42	6.53	5.43	4.68	3.99	40.3 0.01563
		2.83	2.31	1.83	1.56	1.24	1.09	1.640 9
3:	21.78	-3	4.26	0.07	7.1	5	377.0	20
	3.67	10.08	8.72	7.58	6.31	5.45	4.60	94.5 0.00024
		3.31	2.54	1.93	1.59	1.09	0.94	4.873 13
4:	12.74	-0	6.02	0.01	4.7	5	754.0	23
	4.89	13.43	10.80	9.47	8.66	7.66	6.33	66.0 0.00781
		3.43	3.19	2.66	1.89	1.84	1.56	8.517 13
5:	8.70	4	6.22	0.00	4.3	5	1256.7	26
	5.51	14.59	12.43	10.77	9.32	7.90	6.63	117.6 0.00049
		4.43	3.53	2.78	2.14	1.72	1.39	2.450 13
6:	10.27	-6	7.44	0.35	4.1	5	1099.6	27
	6.42	16.61	14.60	12.85	10.75	9.20	7.88	86.1 0.00781
		5.51	4.61	3.45	2.79	2.17	1.65	2.455 12
7:	5.84	3	8.65	0.30	5.8	5	1979.3	28
	7.44	19.26	16.80	14.61	12.56	10.95	9.13	180.5 0.00024
		6.08	4.83	3.71	2.84	2.20	1.70	4.880 13
8:	3.98	-3	10.40	0.66	7.3	5	3110.5	29
	8.45	20.82	18.95	16.69	13.38	12.20	10.84	81.7 0.12500
		7.39	6.76	4.45	4.24	3.16	2.79	5.727 11

\*

	660N	640N ON	635N 660N	630N 10829N	620N 420	610N 4	600N 15:36:43	580N	560N	540N
1:	13.03	9	3.97	0.00	6.1	5	628.3	19		
	8.91	5.25	12.46	15.39	-8.11	8.55	4.44			
		8.68	1.15	1.86	7.54	3.60	-0.61	98		
2:	9.55	-14	5.23	0.18	7.0	5	942.5	21		
	4.76	11.77	10.16	9.02	7.36	6.64	5.47	50.5 0.03125		
		3.80	3.00	2.48	2.12	1.64	1.32	2.372 13		
3:	12.44	-3	5.92	0.16	7.0	5	754.0	22		
	5.37	13.30	11.48	10.26	8.38	7.52	6.23	62.6 0.01563		
		4.34	3.43	2.76	2.41	1.95	1.36	3.422 13		
4:	8.04	-0	7.30	0.15	4.6	5	1256.7	24		
	5.92	16.27	13.52	11.28	11.43	8.70	7.58	90.4 0.00391		
		4.65	4.03	3.27	2.61	2.09	1.68	4.336 13		
5:	5.82	4	7.69	0.25	4.2	5	1885.0	26		
	6.83	17.30	14.94	13.12	11.39	9.73	8.17	80.9 0.01563		
		5.62	4.52	3.69	2.96	2.40	1.85	0.967 13		
6:	7.32	-6	8.96	0.54	4.0	5	1508.0	26		
	8.09	18.98	16.64	14.88	12.56	11.14	9.44	73.7 0.12500		
		6.61	5.36	4.36	3.73	2.96	2.42	1.611 12		
7:	4.46	3	10.19	0.60	5.8	5	2513.5	27		
	9.09	21.31	18.78	16.67	14.52	12.52	10.75	83.1 0.12500		
		7.53	6.12	4.97	4.12	3.36	2.78	0.937 12		
8:	3.21	-3	12.30	1.51	7.3	5	3770.3	29		
	11.39	22.78	20.51	19.16	15.42	14.82	12.72	87.7 4.00000		
		9.28	7.42	5.97	5.67	4.43	3.73	3.086 8		

## D18\_RAW.txt

*									
670N	660N ON	655N 670N	650N 10849N	640N 420	630N 4	620N 15:39:38	600N	580N	560N
1:	35.04	12	1.99	2.49	5.6		5	188.5	16
	0.85	7.75	9.47	10.57	8.83	2.17	2.36		
		0.62	2.21	4.91	0.48	4.04	1.72		99
2:	20.00	-11	4.60	0.16	6.9		5	377.0	18
	4.10	10.13	8.70	7.68	6.68	5.67	4.88	38.8	0.12500
		3.22	2.75	2.25	1.81	1.62	1.38	4.880	13
3:	23.22	4	5.14	0.00	7.6		5	377.0	21
	4.51	12.24	10.60	9.31	7.98	6.68	5.54	77.8	0.00195
		3.70	3.06	2.55	1.88	1.60	1.22	2.052	13
4:	12.99	-5	6.72	0.09	7.4		5	754.0	23
	5.98	14.91	12.66	10.61	9.20	8.30	7.03	121.5	0.00049
		5.09	3.94	2.86	2.49	1.65	1.19	8.972	13
5:	7.96	-2	7.02	0.02	5.9		5	1256.7	24
	6.19	16.22	13.87	12.02	10.51	9.01	7.43	143.6	0.00024
		4.89	3.90	2.93	2.33	1.60	1.03	12.913	13
6:	9.61	1	8.38	0.47	5.3		5	1099.6	25
	7.37	18.59	16.20	14.32	12.64	10.55	8.98	75.6	0.06250
		6.10	5.17	4.17	3.41	2.94	2.19	2.505	12
7:	5.50	-4	9.37	0.04	6.2		5	1979.3	26
	8.33	20.52	18.18	16.10	14.21	11.87	10.12	98.0	0.01563
		6.47	5.41	4.51	3.24	3.04	2.48	4.722	13
8:	3.58	6	9.42	0.07	5.4		5	3110.5	26
	8.37	22.24	20.64	18.34	15.59	12.65	10.49	105.7	0.01563
		6.89	5.57	5.29	3.00	3.49	2.90	10.856	13

*									
680N	660N ON	655N 680N	650N 10849N	640N 420	630N 4	620N 15:42:25	600N	580N	560N
1:	13.52	13	4.44	4.24	5.0		5	628.3	20
	1.47	13.59	9.08	9.02	3.65	-0.18	3.30		
		1.14	-1.46	-3.47	-5.97	1.32	-3.13		99
2:	9.58	-12	6.01	0.03	6.3		5	942.5	21
	5.27	13.80	11.72	10.22	8.73	7.46	6.44	86.7	0.00195
		4.17	3.48	2.76	2.06	1.83	1.28	3.417	13
3:	12.79	4	7.03	0.28	7.6		5	754.0	23
	6.03	15.85	13.58	11.82	10.03	8.64	7.47	128.7	0.00049
		4.81	4.01	3.03	2.30	1.93	1.50	3.266	13
4:	8.00	-5	7.45	0.16	7.2		5	1256.7	24
	7.00	17.16	15.04	13.09	11.79	9.82	7.93	66.0	0.12500
		5.67	4.71	4.09	3.63	2.58	2.09	4.148	13
5:	5.25	-2	8.12	0.04	5.7		5	1885.0	24
	7.18	18.67	16.07	14.08	12.10	10.26	8.65	134.3	0.00098
		6.07	4.87	3.81	2.77	2.10	1.93	4.942	13
6:	6.77	1	9.54	0.35	5.2		5	1508.0	24
	8.29	20.70	17.98	15.80	13.61	11.68	10.17	118.9	0.00391
		6.68	5.40	4.29	3.41	2.84	1.96	3.751	13
7:	4.18	-4	11.17	0.09	6.1		5	2513.5	25
	9.71	22.86	19.98	17.63	15.32	13.30	11.89	109.5	0.01563
		7.69	6.40	4.93	3.82	3.40	2.41	4.159	13

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8:	2.87	6	11.59	1.11	5.4		5	3770.3	26
		23.43	20.70	18.71	16.10	14.09	12.48	137.9	0.00391
	9.63	7.27	5.69	4.43	3.07	3.17	1.55	5.990	9
*									
690N	680N ON	675N 690N	670N 10869N	660N 420	650N 4	640N	620N 15:45:19	600N	580N
1:	45.25	7	4.08	0.74	4.4		5	188.5	20
		8.55	6.90	5.20	3.35	4.13	3.73	63.9	0.00049
	3.32	1.66	1.39	0.72	1.24	1.37	1.04	6.986	5
2:	23.98	-8	4.35	0.20	4.7		5	377.0	22
		9.88	8.44	7.36	6.26	5.38	4.60	39.0	0.06250
	3.79	3.09	2.54	2.08	1.73	1.53	1.14	3.683	13
3:	24.15	-2	5.29	0.07	5.2		5	377.0	22
		12.08	10.28	8.84	7.57	6.61	5.65	51.1	0.03125
	4.68	3.81	3.13	2.49	2.09	1.70	1.36	1.888	13
4:	12.92	-1	6.63	0.00	5.0		5	754.0	23
		15.62	13.47	11.82	10.40	8.75	7.21	89.4	0.00391
	6.00	5.10	4.13	3.36	2.56	1.95	1.53	3.082	13
5:	7.96	7	7.74	0.07	7.1		5	1256.7	24
		18.06	15.65	13.70	11.81	9.94	8.24	164.8	0.00024
	6.85	5.47	4.37	3.44	2.65	1.89	1.46	6.556	13
6:	8.99	-10	9.13	0.01	7.2		5	1099.6	24
		20.03	17.40	15.23	13.20	11.52	9.73	86.6	0.03125
	8.05	6.63	5.43	4.35	3.54	2.83	2.25	0.998	13
7:	5.00	3	10.30	0.17	8.0		5	1979.3	24
		21.99	19.63	17.33	15.08	12.84	10.72	105.4	0.01563
	9.28	7.38	6.02	4.72	3.85	3.01	2.45	2.244	13
8:	3.28	-1	11.17	0.51	6.6		5	3110.5	24
		22.85	20.11	17.18	15.00	13.62	11.89	81.3	0.50000
	9.93	7.43	6.08	5.09	4.94	4.31	3.01	7.282	13
*									
700N	680N ON	675N 700N	670N 10869N	660N 420	650N 4	640N	620N 15:47:53	600N	580N
1:	17.71	6	4.84	2.19	4.0		5	628.3	26
		5.76	5.19	6.23	2.59	8.90	6.27		
	3.14	4.24	2.62	0.60	0.25	-1.90	-0.81		99
2:	11.39	-7	5.46	0.11	4.5		5	942.5	26
		12.13	10.42	9.01	7.67	7.01	5.85	69.5	0.00391
	4.83	3.95	3.22	2.51	1.99	1.45	1.21	4.031	13
3:	13.18	-2	6.65	0.29	5.2		5	754.0	24
		14.76	12.66	11.09	9.44	8.53	7.06	84.4	0.00391
	5.91	4.86	3.83	3.03	2.39	1.75	1.42	4.224	12
4:	7.96	-1	7.62	0.01	4.9		5	1256.7	24
		18.33	15.88	13.36	11.66	9.74	8.39	83.0	0.01563
	6.99	5.39	4.34	3.67	2.76	2.58	2.29	6.766	13
5:	5.27	7	9.11	0.07	6.9		5	1885.0	24
		20.29	17.61	15.47	13.47	11.65	9.72	95.5	0.01563
	8.03	6.66	5.45	4.38	3.55	2.82	2.16	1.267	13
6:	6.39	-10	9.66	0.54	7.1		5	1508.0	23
		20.94	18.40	16.10	13.90	12.25	10.34	109.8	0.00781
	8.60	6.90	5.58	4.44	3.48	2.66	2.08	2.565	11

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7:	3.83	3	10.73	0.12	7.9		5	2513.5	23
		22.84	20.05	17.75	15.41	13.31	11.31	169.0	0.00098
	9.62	7.54	6.02	4.70	3.73	2.83	2.10	5.356	13
8:	2.66	-1	11.78	2.89	6.6		5	3770.3	24
		22.22	19.92	16.95	14.08	16.26	13.32		
	11.81	7.09	6.25	4.10	3.14	2.41	2.09		99

\*

	710N	700N ON	695N 710N	690N 10889N	680N 780	670N 4	660N 15:56:38	640N	620N	600N
1:	77.47		6	2.02	2.35	5.6		5	188.5	19
			9.99	7.00	5.17	4.16	6.63	1.84		
	3.51		7.03	1.83	1.48	0.62	-0.55	-2.75		99
2:	50.50		-6	3.97	0.03	8.5		5	377.0	24
			9.26	7.82	6.79	5.85	5.03	4.22	52.3	0.00391
	3.53		2.96	2.37	1.90	1.52	1.20	0.89	2.094	13
3:	53.55		-2	4.61	0.13	6.4		5	377.0	26
			10.92	9.23	7.99	6.88	5.97	4.90	61.3	0.00391
	4.13		3.53	2.77	2.24	1.77	1.37	1.04	2.506	13
4:	28.81		-3	6.39	0.35	6.1		5	754.0	28
			14.00	12.17	10.71	9.29	7.64	6.81	56.0	0.06250
	5.46		3.86	3.67	2.96	2.51	2.07	1.96	8.199	13
5:	14.74		0	7.67	0.04	8.3		5	1256.7	24
			17.09	14.83	13.00	11.25	9.59	8.14	88.4	0.00781
	6.73		5.35	4.45	3.61	2.91	2.28	1.88	1.398	13
6:	16.48		4	9.17	0.31	8.2		5	1099.6	23
			20.57	17.88	15.68	13.56	11.74	9.75	106.6	0.00781
	8.22		6.90	5.50	4.43	3.47	2.72	2.13	2.211	13
7:	8.76		-9	10.36	0.25	8.9		5	1979.3	22
			22.44	19.72	17.38	15.17	13.26	11.01	98.8	0.03125
	9.30		7.69	6.27	5.10	4.05	3.19	2.55	1.456	13
8:	5.63		6	10.04	1.78	6.9		5	3110.5	22
			23.79	20.45	17.70	15.37	14.51	10.63	85.6	4.00000
	10.01		10.97	6.58	5.20	3.79	2.54	0.98	9.944	8

\*

	720N	700N ON	695N 720N	690N 10889N	680N 780	670N 4	660N 15:59:40	640N	620N	600N
1:	16.57		6	3.90	0.99	5.4		5	628.3	13
			11.27	8.86	5.14	3.95	3.88	9.18		
	4.05		1.16	-0.47	-1.05	-0.49	2.51	1.38		99
2:	13.06		-6	5.18	0.13	8.3		5	942.5	16
			11.87	10.12	8.81	7.58	6.48	5.53	75.0	0.00195
	4.53		3.73	2.98	2.42	1.87	1.47	1.09	2.950	13
3:	15.73		-2	6.08	0.04	6.3		5	754.0	15
			13.98	11.85	10.32	8.93	7.58	6.54	64.3	0.01563
	5.40		4.41	3.58	2.89	2.30	1.95	1.50	1.571	13
4:	9.43		-4	7.52	0.01	5.5		5	1256.7	15
			16.95	14.62	12.96	11.25	9.55	7.75	87.4	0.00781
	6.22		5.54	4.78	3.77	2.97	2.17	1.68	4.376	13
5:	5.24		1	8.56	0.00	7.8		5	1885.0	13
			19.37	16.76	14.75	12.80	10.93	9.11	99.6	0.00781
	7.51		6.15	5.20	4.05	3.25	2.55	2.05	1.382	13

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6:	6.38	4	10.09	0.37	8.1		5	1508.0	12
		21.91	19.18	17.03	14.90	12.77	10.76	104.6	0.01563
	8.88	7.30	5.99	4.91	3.72	3.08	2.43	1.842	13
7:	3.68	-10	11.69	0.03	8.9		5	2513.5	12
		23.43	20.89	18.77	16.64	14.29	12.39	86.5	0.50000
	10.63	8.51	6.92	5.68	5.03	4.09	3.24	2.754	13
8:	2.49	7	10.72	0.38	6.9		5	3770.3	12
		22.79	20.04	17.92	15.80	13.25	12.46	95.6	0.06250
	10.41	7.94	7.47	5.64	3.53	3.51	2.72	7.978	13

\*

	730N	720N ON	715N 730N	710N 10909N	700N 780	690N 4	680N 16:02:45	660N	640N	620N
1:	44.14	8	5.46	2.90	4.7		5	188.5	11	
		4.56	6.11	2.39	4.06	1.41	3.59			
	5.78	1.68	2.79	-0.07	-2.84	1.11	-0.06		99	
2:	24.94	-13	4.13	0.00	5.3		5	377.0	12	
		9.13	7.89	6.83	5.90	5.02	4.28	42.7	0.01563	
	3.75	2.88	2.37	1.91	1.41	1.26	1.05	3.846	13	
3:	29.63	-1	5.11	0.12	5.0		5	377.0	14	
		11.38	9.81	8.39	7.38	6.17	5.35	65.1	0.00391	
	4.59	3.63	3.02	2.34	1.74	1.54	1.15	3.366	13	
4:	16.65	2	5.90	0.32	5.5		5	754.0	16	
		14.44	12.17	11.01	9.25	8.19	6.57	66.8	0.01563	
	5.11	4.57	3.57	3.18	2.84	1.84	1.55	5.855	12	
5:	9.81	-1	7.22	0.02	6.0		5	1256.7	16	
		16.53	14.25	12.51	10.68	9.20	7.67	119.3	0.00098	
	6.35	5.19	4.18	3.33	2.65	2.02	1.57	2.464	13	
6:	10.03	-7	9.02	0.03	6.0		5	1099.6	14	
		19.74	17.28	15.12	13.24	11.32	9.55	115.1	0.00391	
	8.05	6.55	5.29	4.23	3.33	2.63	1.98	2.918	13	
7:	4.87	4	10.67	0.26	11.0		5	1979.3	12	
		23.32	20.40	17.87	15.57	13.34	11.30	111.1	0.01563	
	9.58	7.86	6.53	5.32	4.08	3.26	2.52	2.171	13	
8:	3.00	-4	12.75	2.08	9.7		5	3110.5	12	
		21.21	20.70	16.14	15.68	11.98	11.78	94.1	32.00000	
	12.32	7.81	7.57	5.12	1.81	3.42	1.67	9.508	7	

\*

	740N	720N ON	715N 740N	710N 10909N	700N 780	690N 4	680N 16:05:11	660N	640N	620N
1:	16.82	7	7.11	1.29	4.3		5	628.3	14	
		5.93	5.63	6.74	5.92	2.93	4.85			
	8.79	0.29	4.01	3.19	1.77	0.70	-2.99		99	
2:	11.74	-13	5.34	0.22	4.9		5	942.5	14	
		12.02	10.32	9.00	7.77	6.63	5.60	68.4	0.00391	
	4.74	3.73	3.13	2.50	2.00	1.50	1.18	2.401	13	
3:	16.07	-1	6.40	0.21	5.0		5	754.0	16	
		14.32	12.30	10.75	9.38	7.96	6.80	74.1	0.00781	
	5.91	4.55	3.81	3.04	2.49	1.89	1.44	2.771	13	
4:	10.07	2	7.28	0.17	5.4		5	1256.7	16	
		16.90	14.63	12.75	10.89	9.43	7.88	95.5	0.00391	
	6.16	5.56	4.27	3.21	2.71	2.11	1.85	3.718	13	

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5:	6.36	-1	8.46	0.18	5.9		5	1885.0	15
	19.06		16.53	14.47	12.50	10.70	9.02	88.9	0.01563
	7.49	6.23	5.07	4.04	3.22	2.57	2.10	1.109	13
6:	7.05	-6	9.82	0.50	5.7		5	1508.0	14
	21.48		18.77	16.59	14.45	12.40	10.45	101.8	0.01563
	8.70	7.06	5.78	4.60	3.77	2.95	2.26	1.405	12
7:	3.77	4	11.24	0.65	10.7		5	2513.5	12
	24.00		20.89	18.77	16.42	14.05	11.90	105.7	0.03125
	10.07	8.24	6.74	5.27	4.33	3.47	2.65	1.767	12
8:	2.45	-4	11.94	1.75	9.5		5	3770.3	12
	22.08		19.84	18.52	17.01	13.91	12.10	106.1	64.00000
	12.38	7.11	7.21	5.18	4.75	3.29	2.84	5.157	7