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DATA GEOLISTRIK

LINTASAN 1

A(C1)	B(C2)	M(P1)	N(P2)	Stacking	K	I(mA)	V(mV)	R(Ohm)	R0	SP
57	60	58	59	2	31.4159	375.3068	58.3582	0.155495	4.885011	43.89009
56	59	57	58	2	31.4159	373.5321	74.65286	0.199857	6.278665	-606.918
55	60	57	58	2	94.2478	405.1723	34.52798	0.085218	8.031622	-502.307
55	58	56	57	2	31.4159	365.2467	71.19113	0.194912	6.123344	-84.9153
54	59	56	57	2	94.2478	368.5308	27.96374	0.075879	7.151433	-76.0288
53	60	56	57	2	188.4955	351.599	14.89439	0.042362	7.984998	-73.9823
54	57	55	56	2	31.4159	368.0777	81.48017	0.221367	6.954429	-155.083
53	58	55	56	2	94.2478	322.061	24.74149	0.076822	7.240329	-149.661
52	59	55	56	2	188.4955	365.0233	13.17825	0.036102	6.805154	-147.119
51	60	55	56	2	314.1592	373.0575	8.315536	0.02229	7.002686	-145.935
53	56	54	55	2	31.4159	351.238	84.34265	0.24013	7.543876	46.66295
52	57	54	55	2	94.2478	364.0313	30.6397	0.084168	7.932621	54.13099
51	58	54	55	2	188.4955	338.893	13.12285	0.038723	7.299037	60.33336
50	59	54	55	2	314.1592	416.6778	9.337615	0.02241	7.040216	63.65107
49	60	54	55	2	471.2389	372.8329	5.732846	0.015376	7.245975	66.31753
52	55	53	54	2	31.4159	394.4631	100.3984	0.254519	7.995953	-61.9478
51	56	53	54	2	94.2478	371.5393	34.54742	0.092985	8.763579	-59.4243
50	57	53	54	2	188.4955	415.5305	19.5426	0.04703	8.864959	-57.6928
49	58	53	54	2	314.1592	338.6176	8.799216	0.025986	8.163617	-56.4931
48	59	53	54	2	471.2389	399.9639	6.596918	0.016494	7.772521	-55.6075
47	60	52	55	2	209.4395	405.2637	15.97311	0.039414	8.254988	-227.738

51	54	52	53	2	31.4159	368.0351	101.5058	0.275805	8.664666	-93.2685
50	55	52	53	2	94.2478	454.5779	46.37575	0.102019	9.615075	-87.4299
49	56	52	53	2	188.4955	371.1416	20.27186	0.05462	10.29587	-86.2604
48	57	52	53	2	314.1592	397.4511	12.72145	0.032008	10.05529	-80.3969
47	58	52	53	2	471.2389	364.6209	6.777156	0.018587	8.758336	-79.0513
46	59	51	54	2	209.4395	443.0194	17.68366	0.039916	8.360037	-252.98
45	60	51	54	2	282.7433	425.1505	13.02247	0.03063	8.66052	-230.164
50	53	51	52	2	31.4159	390.6701	110.8443	0.283729	8.913588	56.37216
49	54	51	52	2	94.2478	367.5347	33.80088	0.091967	8.667607	60.45154
48	55	51	52	2	188.4955	433.9535	20.37036	0.046941	8.848115	64.97492
47	56	51	52	2	314.1592	402.1445	10.30057	0.025614	8.046912	68.5048
46	57	51	52	2	471.2389	439.0415	9.342346	0.021279	10.0281	70.8547
45	58	50	53	2	209.4395	380.192	15.62756	0.041104	8.608867	-152.503
44	59	50	53	2	282.7433	412.5202	12.56556	0.03046	8.6125	-127.161
43	60	50	53	2	366.5192	394.3025	10.12185	0.02567	9.40845	-107.437
49	52	50	51	2	31.4159	364.8594	99.95805	0.273963	8.606784	38.28284
48	53	50	51	2	94.2478	374.4572	32.92269	0.087921	8.286371	38.80082
47	54	50	51	2	188.4955	398.4023	16.85661	0.042311	7.975334	38.95591
46	55	50	51	2	314.1592	484.7479	12.77433	0.026353	8.278855	38.7798
45	56	50	51	2	471.2389	421.3728	7.437088	0.01765	8.317201	38.35496
44	57	49	52	2	209.4395	409.049	17.18983	0.042024	8.801418	-152.907
43	58	49	52	2	282.7433	357.1289	11.09146	0.031057	8.781159	-125.656
42	59	49	52	2	366.5192	417.9162	10.64835	0.02548	9.338617	-105.941
41	60	49	52	2	460.7669	459.544	10.58669	0.023037	10.61484	-90.6614
48	51	49	50	2	31.4159	399.2539	119.8496	0.300184	9.430557	-150.694
47	52	49	50	2	94.2478	394.1795	37.6788	0.095588	9.008949	-149.639

46	53	49	50	2	188.4955	412.0099	19.64766	0.047687	8.988836	-148.805
45	54	49	50	2	314.1592	417.7148	11.3941	0.027277	8.569392	-148.012
44	55	49	50	2	471.2389	447.8452	8.3427	0.018629	8.778488	-147.556
43	56	48	51	2	209.4395	392.8663	17.15994	0.043679	9.147994	-323.631
42	57	48	51	2	282.7433	414.3636	14.34998	0.034631	9.791772	-306.267
41	58	48	51	2	366.5192	407.1523	11.44648	0.028114	10.30408	-293.027
40	59	48	51	2	460.7669	371.937	8.323098	0.022378	10.31092	-282.659
39	60	48	51	2	565.4865	357.512	6.800786	0.019023	10.75701	-274.395
47	50	48	49	2	31.4159	456.3171	128.1891	0.280921	8.825355	-45.7721
46	51	48	49	2	94.2478	441.7397	41.10111	0.093044	8.769148	-45.9001
45	52	48	49	2	188.4955	412.8442	17.82656	0.04318	8.139213	-46.0786
44	53	48	49	2	314.1592	384.6181	9.766531	0.025393	7.977361	-46.3586
43	54	48	49	2	471.2389	389.0237	7.044041	0.018107	8.532688	-46.6977
42	55	47	50	2	209.4395	455.1263	20.7036	0.04549	9.527371	-231.869
41	56	47	50	2	282.7433	454.3558	16.91104	0.03722	10.52361	-220.336
40	57	47	50	2	366.5192	369.8489	10.96135	0.029637	10.86264	-211.065
39	58	47	50	2	460.7669	325.2815	7.704139	0.023685	10.91305	-203.35
38	59	47	50	2	565.4865	375.6377	7.308488	0.019456	11.00224	-196.784
37	60	46	51	2	395.8407	449.1516	12.49307	0.027815	11.01024	-272.559
46	49	47	48	2	31.4159	441.5547	129.7944	0.293949	9.234637	90.45128
45	50	47	48	2	94.2478	480.5521	41.96969	0.087336	8.231275	92.11233
44	51	47	48	2	188.4955	410.8389	16.95604	0.041272	7.779524	93.64822
43	52	47	48	2	314.1592	385.9613	10.27409	0.026619	8.362649	95.03958
42	53	47	48	2	471.2389	389.47	7.534813	0.019346	9.116717	96.42989
41	54	46	49	2	209.4395	450.1209	20.31779	0.045139	9.453777	-226.193
40	55	46	49	2	282.7433	401.8501	14.04766	0.034957	9.883994	-195.619

39	56	46	49	2	366.5192	355.1762	10.0296	0.028238	10.3499	-177.953
38	57	46	49	2	460.7669	373.2428	8.713286	0.023345	10.75652	-163.169
37	58	46	49	2	565.4865	397.2974	7.697749	0.019375	10.95646	-150.523
36	59	45	50	2	395.8407	419.648	11.8671	0.028279	11.19379	-442.734
35	60	45	50	2	471.2389	398.8476	9.966704	0.024989	11.77572	-436.382
45	48	46	47	2	31.4159	459.1667	104.288	0.227125	7.135328	-61.3363
44	49	46	47	2	94.2478	410.7051	29.20621	0.071112	6.70218	-59.11
43	50	46	47	2	188.4955	443.2171	16.45196	0.037119	6.99686	-57.0939
42	51	46	47	2	314.1592	416.2928	10.23333	0.024582	7.722662	-55.1544
41	52	46	47	2	471.2389	444.5851	8.067672	0.018147	8.551326	-53.1539
40	53	45	48	2	209.4395	349.3384	16.01589	0.045846	9.602005	-371.49
39	54	45	48	2	282.7433	351.9453	12.32434	0.035018	9.901048	-340.212
38	55	45	48	2	366.5192	406.494	11.55622	0.028429	10.4198	-321.674
37	56	45	48	2	460.7669	442.8516	10.53135	0.023781	10.95741	-305.828
36	57	45	48	2	565.4865	415.3177	8.373776	0.020162	11.40153	-292.051
35	58	44	49	2	395.8407	357.4991	10.09767	0.028245	11.18064	-319.829
34	59	44	49	2	471.2389	472.4828	11.25967	0.023831	11.23003	-310.22
33	60	44	49	2	552.9205	497.3845	10.87236	0.021859	12.08636	-301.776
44	47	45	46	2	31.4159	447.6537	97.18906	0.217108	6.82063	-195.678
43	48	45	46	2	94.2478	426.2897	34.39541	0.080686	7.604417	-195.966
42	49	45	46	2	188.4955	415.8981	18.45291	0.044369	8.363326	-196.296
41	50	45	46	2	314.1592	525.5241	15.37452	0.029256	9.190887	-196.64
40	51	45	46	2	471.2389	371.225	7.632792	0.020561	9.689146	-197.147
39	52	44	47	2	209.4395	348.6283	14.75916	0.042335	8.866615	-390.863
38	53	44	47	2	282.7433	352.5904	11.62406	0.032968	9.321378	-377.704
37	54	44	47	2	366.5192	438.667	11.62085	0.026491	9.709574	-367.022

36	55	44	47	2	460.7669	456.489	10.10988	0.022147	10.20464	-358.068
35	56	44	47	2	565.4865	393.9273	7.516585	0.019081	10.79012	-350.364
34	57	43	48	2	395.8407	466.2066	12.34196	0.026473	10.47915	-281.939
33	58	43	48	2	471.2389	435.9028	10.23063	0.02347	11.0599	-270.027
32	59	43	48	2	552.9205	406.0282	8.199964	0.020196	11.16652	-259.378
31	60	43	48	2	640.885	586.6127	10.44931	0.017813	11.41612	-249.791
43	46	44	45	2	31.4159	478.3891	78.16849	0.163399	5.133329	-0.74081
42	47	44	45	2	94.2478	456.8366	31.87129	0.069765	6.575217	-0.27564
41	48	44	45	2	188.4955	498.4002	19.03369	0.03819	7.198567	0.160943
40	49	44	45	2	314.1592	370.909	8.901056	0.023998	7.53917	0.696393
39	50	44	45	2	471.2389	397.6637	6.536921	0.016438	7.746395	1.067701
38	51	43	46	2	209.4395	375.2621	14.33388	0.038197	7.999957	-327.293
37	52	43	46	2	282.7433	433.8532	12.80138	0.029506	8.342682	-315.136
36	53	43	46	2	366.5192	389.2718	9.277173	0.023832	8.734958	-305.489
35	54	43	46	2	460.7669	390.221	7.728211	0.019805	9.12535	-297.605
34	55	43	46	2	565.4865	519.1973	8.739794	0.016833	9.518996	-291.03
33	56	42	47	2	395.8407	490.2974	12.47877	0.025451	10.0746	-439.773
32	57	42	47	2	471.2389	404.1476	9.000843	0.022271	10.49499	-431.098
31	58	42	47	2	552.9205	501.1171	9.55968	0.019077	10.54784	-423.378
30	59	42	47	2	640.885	519.5017	8.495552	0.016353	10.48059	-415.822
29	60	42	47	2	735.1325	532.3239	7.762222	0.014582	10.71955	-409.058
42	45	43	44	2	31.4159	483.9231	53.02678	0.109577	3.44246	0.675751
41	46	43	44	2	94.2478	567.1375	28.03089	0.049425	4.658214	0.953851
40	47	43	44	2	188.4955	403.0245	11.26728	0.027957	5.269722	1.229417
39	48	43	44	2	314.1592	380.7225	6.534801	0.017164	5.392296	1.455821
38	49	43	44	2	471.2389	374.6671	4.517669	0.012058	5.682121	1.655206

37	50	42	45	2	209.4395	511.0261	16.81573	0.032906	6.891778	-259.716
36	51	42	45	2	282.7433	417.339	10.66659	0.025559	7.226511	-227.875
35	52	42	45	2	366.5192	386.3176	7.988252	0.020678	7.578874	-202.852
34	53	42	45	2	460.7669	432.8045	7.385735	0.017065	7.862895	-182.615
33	54	42	45	2	565.4865	485.9586	7.252752	0.014925	8.439645	-165.897
32	55	41	46	2	395.8407	443.2482	10.91256	0.02462	9.745539	-238.226
31	56	41	46	2	471.2389	575.7852	12.2805	0.021328	10.05065	-225.994
30	57	41	46	2	552.9205	512.515	9.520029	0.018575	10.27053	-212.883
29	58	41	46	2	640.885	462.1115	7.423977	0.016065	10.29602	-204.453
28	59	41	46	2	735.1325	512.337	7.162492	0.01398	10.27718	-196.851
27	60	40	47	2	583.4385	516.1548	9.884652	0.019151	11.17319	-183.658
41	44	42	43	2	31.4159	516.1401	60.03257	0.116311	3.654003	-59.883
40	45	42	43	2	94.2478	423.7379	22.36412	0.052778	4.974232	-58.8903
39	46	42	43	2	188.4955	421.0154	12.31954	0.029261	5.515663	-57.9962
38	47	42	43	2	314.1592	408.1535	7.768247	0.019033	5.979285	-57.2009
37	48	42	43	2	471.2389	484.6718	6.333019	0.013067	6.157495	-56.493
36	49	41	44	2	209.4395	416.3068	13.20263	0.031714	6.642107	-184.95
35	50	41	44	2	282.7433	446.7925	11.03845	0.024706	6.985419	-147.105
34	51	41	44	2	366.5192	468.9777	9.360884	0.01996	7.315786	-116.814
33	52	41	44	2	460.7669	480.9521	8.269832	0.017195	7.922761	-86.1123
32	53	41	44	2	565.4865	377.1142	5.529092	0.014662	8.290881	-67.4314
31	54	40	45	2	395.8407	569.3099	13.88859	0.024395	9.656722	74.3447
30	55	40	45	2	471.2389	575.6485	12.07686	0.02098	9.886399	90.98152
29	56	40	45	2	552.9205	524.6138	9.690125	0.018471	10.21292	105.4192
28	57	40	45	2	640.885	504.9976	8.262518	0.016361	10.48581	118.1201
27	58	40	45	2	735.1325	450.0573	6.46043	0.014355	10.55259	129.3869

26	59	39	46	2	583.4385	481.8535	9.548969	0.019817	11.5621	-69.1591
25	60	39	46	2	659.7345	515.2731	9.239078	0.01793	11.82937	-62.2788
40	43	41	42	2	31.4159	397.9031	49.11701	0.12344	3.877968	159.3344
39	44	41	42	2	94.2478	393.2673	22.06012	0.056094	5.286782	161.8681
38	45	41	42	2	188.4955	429.3278	14.34949	0.033423	6.300126	164.3059
37	46	41	42	2	314.1592	550.9167	11.81012	0.021437	6.734703	167.2477
36	47	41	42	2	471.2389	458.2497	6.965013	0.015199	7.162441	169.3515
35	48	40	43	2	209.4395	425.6176	16.38257	0.038491	8.061601	-68.316
34	49	40	43	2	282.7433	467.2601	13.9928	0.029946	8.467172	-37.0855
33	50	40	43	2	366.5192	566.7889	12.80052	0.022584	8.252182	-11.4597
32	51	40	43	2	460.7669	409.5845	8.639294	0.021093	9.718846	10.02711
31	52	40	43	2	565.4865	561.1534	9.805982	0.017475	9.881727	28.29807
30	53	39	44	2	395.8407	473.0529	12.18166	0.025751	10.19331	72.37471
29	54	39	44	2	471.2389	517.8035	11.35383	0.021927	10.33281	88.16876
28	55	39	44	2	552.9205	566.0235	10.91158	0.019278	10.659	101.9242
27	56	39	44	2	640.885	509.2567	8.756541	0.017195	11.01978	115.0351
26	57	39	44	2	735.1325	475.1195	7.347727	0.015465	11.3688	126.5301
25	58	38	45	2	583.4385	449.1498	9.033956	0.020113	11.73495	104.4297
24	59	38	45	2	659.7345	512.1493	9.12991	0.017827	11.76089	115.4188
23	60	38	45	2	740.5185	525.4067	8.600639	0.016369	12.12195	125.3426
39	42	40	41	2	31.4159	398.1602	67.02573	0.168339	5.288511	59.89149
38	43	40	41	2	94.2478	402.2368	29.18546	0.072558	6.838432	61.18885
37	44	40	41	2	188.4955	501.7917	21.84151	0.043527	8.204655	62.4038
36	45	40	41	2	314.1592	484.6761	14.21281	0.029324	9.212516	63.54703
35	46	40	41	2	471.2389	476.6249	9.998797	0.020978	9.885789	64.59683
34	47	39	42	2	209.4395	521.2372	23.98323	0.046012	9.63674	72.25573

33	48	39	42	2	282.7433	541.8405	19.98892	0.036891	10.4306	111.1228
32	49	39	42	2	366.5192	404.5719	12.14408	0.030017	11.00172	143.6317
31	50	39	42	2	460.7669	698.4025	17.02257	0.024374	11.23051	169.081
30	51	39	42	2	565.4865	515.1157	10.44298	0.020273	11.46413	194.2923
29	52	38	43	2	395.8407	511.2494	14.13327	0.027645	10.94283	-29.4566
28	53	38	43	2	471.2389	468.3434	11.23354	0.023986	11.30294	-11.9881
27	54	38	43	2	552.9205	502.5798	10.49036	0.020873	11.5411	3.429581
26	55	38	43	2	640.885	530.6876	9.877852	0.018613	11.929	17.12707
25	56	38	43	2	735.1325	507.997	8.56488	0.01686	12.39436	29.3771
24	57	37	44	2	583.4385	505.0568	10.64761	0.021082	12.30002	12.40417
23	58	37	44	2	659.7345	456.7969	8.649896	0.018936	12.4927	23.93607
22	59	37	44	2	740.5185	505.2589	8.503325	0.01683	12.46268	34.41219
21	60	37	44	2	825.79	486.2162	7.531148	0.015489	12.79094	43.96878
38	41	39	40	2	31.4159	464.4777	89.49702	0.192683	6.05332	14.98342
37	42	39	40	2	94.2478	512.6318	39.79804	0.077635	7.316898	15.63417
36	43	39	40	2	188.4955	446.9377	19.78384	0.044265	8.343715	16.3169
35	44	39	40	2	314.1592	440.3672	13.49285	0.03064	9.625841	16.68435
34	45	39	40	2	471.2389	556.1498	12.34257	0.022193	10.45815	16.97202
33	46	38	41	2	209.4395	626.0279	33.04202	0.05278	11.05426	-252.514
32	47	38	41	2	282.7433	449.5253	18.64921	0.041486	11.73	-225.056
31	48	38	41	2	366.5192	644.231	20.68577	0.032109	11.76861	-202.546
30	49	38	41	2	460.7669	512.5904	13.4126	0.026166	12.05656	-183.602
29	50	38	41	2	565.4865	622.3315	13.61469	0.021877	12.37113	-167.367
28	51	37	42	2	395.8407	507.2116	15.30746	0.03018	11.94626	58.63763
27	52	37	42	2	471.2389	496.2718	12.79652	0.025785	12.15103	77.77942
26	53	37	42	2	552.9205	441.5348	10.09936	0.022873	12.64711	95.78517

25	54	37	42	2	640.885	501.3217	10.10172	0.02015	12.91391	111.401
24	55	37	42	2	735.1325	566.3354	10.25115	0.018101	13.30654	128.2308
23	56	36	43	2	583.4385	518.4608	11.6631	0.022496	13.12476	-26.888
22	57	36	43	2	659.7345	498.905	10.17643	0.020398	13.45692	-14.2399
21	58	36	43	2	740.5185	427.7124	7.859414	0.018375	13.60736	-2.7383
20	59	36	43	2	825.79	485.5501	7.938646	0.01635	13.50153	7.759308
19	60	36	43	2	915.55	465.1459	6.994984	0.015038	13.76834	17.3697
37	40	38	39	2	31.4159	445.297	86.07051	0.193288	6.072312	-98.2268
36	41	38	39	2	94.2478	529.6941	39.82898	0.075192	7.086736	-96.0381
35	42	38	39	2	188.4955	447.2422	18.83015	0.042103	7.936191	-93.9391
34	43	38	39	2	314.1592	502.6126	13.89605	0.027648	8.685752	-91.9852
33	44	38	39	2	471.2389	564.0648	12.21532	0.021656	10.20507	-89.9867
32	45	37	40	2	209.4395	471.3286	25.68988	0.054505	11.41556	-456.15
31	46	37	40	2	282.7433	770.035	31.58838	0.041022	11.5987	-409.537
30	47	37	40	2	366.5192	578.1255	18.88647	0.032668	11.97355	-384.506
29	48	37	40	2	460.7669	580.52	15.16647	0.026126	12.03779	-364.05
28	49	37	40	2	565.4865	504.9938	11.05705	0.021895	12.38154	-346.823
27	50	36	41	2	395.8407	601.3297	18.89991	0.03143	12.44135	-289.345
26	51	36	41	2	471.2389	477.2418	13.11251	0.027476	12.94756	-272.481
25	52	36	41	2	552.9205	494.4659	11.78519	0.023834	13.17842	-257.489
24	53	36	41	2	640.885	468.0333	9.984824	0.021334	13.67226	-244.011
23	54	36	41	2	735.1325	511.4026	9.790257	0.019144	14.07327	-231.798
22	55	35	42	2	583.4385	557.7139	13.11605	0.023518	13.72102	88.39051
21	56	35	42	2	659.7345	481.6201	10.40119	0.021596	14.24778	100.9255
20	57	35	42	2	740.5185	480.3477	9.418511	0.019608	14.51984	112.1308
19	58	35	42	2	825.79	411.9881	7.297036	0.017712	14.62619	124.6282

18	59	35	42	2	915.55	451.6016	7.170311	0.015878	14.53672	247.5346
17	60	34	43	2	771.4355	427.0855	7.908643	0.018518	14.28521	-57.1083
36	39	37	38	2	31.4159	397.8881	87.9838	0.221127	6.946903	-46.5632
35	40	37	38	2	94.2478	395.1348	34.90631	0.08834	8.325861	-44.9386
34	41	37	38	2	188.4955	607.3297	28.39792	0.046759	8.813782	-43.3912
33	42	37	38	2	314.1592	578.7574	18.48208	0.031934	10.03236	-41.9462
32	43	37	38	2	471.2389	434.7112	9.897302	0.022768	10.72892	-40.5829
31	44	36	39	2	209.4395	679.618	35.26088	0.051883	10.86645	-531.627
30	45	36	39	2	282.7433	620.4056	24.73191	0.039864	11.27132	-488.515
29	46	36	39	2	366.5192	677.7687	21.18565	0.031258	11.45663	-452.002
28	47	36	39	2	460.7669	569.7172	14.65806	0.025729	11.85489	-423.099
27	48	36	39	2	565.4865	562.3177	11.93052	0.021217	11.99769	-394.456
26	49	35	40	2	395.8407	476.7209	15.01835	0.031503	12.47013	-489.713
25	50	35	40	2	471.2389	599.2587	16.35984	0.0273	12.86488	-471.463
24	51	35	40	2	552.9205	507.3544	12.2602	0.024165	13.36124	-455.352
23	52	35	40	2	640.885	504.4055	10.74566	0.021304	13.65317	-440.862
22	53	35	40	2	735.1325	462.7347	8.910137	0.019255	14.15525	-427.73
21	54	34	41	2	583.4385	475.3814	11.84725	0.024922	14.54016	-385.372
20	55	34	41	2	659.7345	534.3774	12.00897	0.022473	14.82605	-374.427
19	56	34	41	2	740.5185	461.4703	9.549301	0.020693	15.32371	-364.545
18	57	34	41	2	825.79	446.2675	8.419795	0.018867	15.58029	-355.56
17	58	34	41	2	915.55	383.9983	6.618017	0.017234	15.77899	-188.208
16	59	33	42	2	771.4355	460.2349	8.641603	0.018777	14.48488	592.4304
15	60	33	42	2	848.23	475.2519	8.196032	0.017246	14.6283	340.3172
35	38	36	37	2	31.4159	400.8609	85.57762	0.213485	6.706811	-53.504
34	39	36	37	2	94.2478	445.2593	39.85975	0.08952	8.437093	-51.7408

33	40	36	37	2	188.4955	496.1311	25.94212	0.052289	9.856136	-50.065
32	41	36	37	2	314.1592	504.803	16.29502	0.03228	10.14067	-48.511
31	42	36	37	2	471.2389	699.2493	14.9071	0.021319	10.04623	-47.0662
30	43	35	38	2	209.4395	551.4218	28.19064	0.051124	10.7072	-442.554
29	44	35	38	2	282.7433	603.3912	23.64133	0.039181	11.07823	-402.976
28	45	35	38	2	366.5192	609.9518	19.10227	0.031318	11.47855	-372.603
27	46	35	38	2	460.7669	652.0338	16.64471	0.025527	11.76215	-348.262
26	47	35	38	2	565.4865	543.5319	11.80943	0.021727	12.2869	-326.39
25	48	34	39	2	395.8407	560.538	17.84847	0.031842	12.6042	-516.923
24	49	34	39	2	471.2389	505.2409	14.00422	0.027718	13.06171	-494.761
23	50	34	39	2	552.9205	615.4115	14.96222	0.024313	13.44291	-480.918
22	51	34	39	2	640.885	501.1225	10.89451	0.02174	13.93293	-468.75
21	52	34	39	2	735.1325	469.1976	9.034502	0.019255	14.15518	-457.908
20	53	33	40	2	583.4385	447.0229	10.85778	0.024289	14.17118	-261.077
19	54	33	40	2	659.7345	455.809	9.973032	0.02188	14.43487	-248.344
18	55	33	40	2	740.5185	492.7764	9.785774	0.019858	14.70549	-236.246
17	56	33	40	2	825.79	426.1018	7.778493	0.018255	15.07482	-225.664
16	57	33	40	2	915.55	456.5218	7.592202	0.016631	15.22612	-216.124
15	58	32	41	2	771.4355	419.4619	8.164942	0.019465	15.01621	-255.914
14	59	32	41	2	848.23	436.6498	7.643479	0.017505	14.84814	-241.261
13	60	32	41	2	928.515	438.0401	7.11413	0.016241	15.07986	-228.487
34	37	35	36	2	31.4159	602.7585	137.8401	0.228682	7.184258	-42.4546
33	38	35	36	2	94.2478	507.0416	54.88001	0.108236	10.20099	-40.9878
32	39	35	36	2	188.4955	389.4592	22.71622	0.058328	10.99453	-39.5611
31	40	35	36	2	314.1592	582.6063	20.02612	0.034373	10.79867	-38.2395
30	41	35	36	2	471.2389	678.7263	15.23731	0.02245	10.5793	-36.9955

29	42	34	37	2	209.4395	621.8948	31.32338	0.050368	10.54899	-472.715
28	43	34	37	2	282.7433	544.6111	20.94957	0.038467	10.87625	-436.178
27	44	34	37	2	366.5192	580.9888	17.8959	0.030802	11.28976	-408.884
26	45	34	37	2	460.7669	591.6896	15.24105	0.025759	11.86867	-387.428
25	46	34	37	2	565.4865	650.5424	14.25286	0.021909	12.38933	-369.884
24	47	33	38	2	395.8407	569.9383	17.67843	0.031018	12.27822	-207.068
23	48	33	38	2	471.2389	573.0626	15.35086	0.026787	12.62329	-175.912
22	49	33	38	2	552.9205	499.0991	11.76087	0.023564	13.02908	-146.039
21	50	33	38	2	640.885	564.5316	11.72597	0.020771	13.3119	-128.604
20	51	33	38	2	735.1325	482.4707	9.040284	0.018737	13.77449	-113.591
19	52	32	39	2	583.4385	449.1265	10.68833	0.023798	13.88468	-287.615
18	53	32	39	2	659.7345	417.5259	8.97377	0.021493	14.17949	-270.937
17	54	32	39	2	740.5185	421.0808	8.206009	0.019488	14.4312	-256.081
16	55	32	39	2	825.79	505.2049	8.989546	0.017794	14.6939	-243.086
15	56	32	39	2	915.55	471.3964	7.770215	0.016483	15.09139	-231.311
14	57	31	40	2	771.4355	434.0974	8.713662	0.020073	15.48505	-508.991
13	58	31	40	2	848.23	391.2195	7.143816	0.01826	15.48896	-501.71
12	59	31	40	2	928.515	420.5643	6.918477	0.01645	15.27452	-494.341
11	60	31	40	2	1012.291	406.5939	6.230997	0.015325	15.51322	-487.671
33	36	34	35	2	31.4159	586.3308	168.6995	0.287721	9.039019	-99.5656
32	37	34	35	2	94.2478	505.288	61.22279	0.121164	11.41941	-99.3678
31	38	34	35	2	188.4955	598.9645	38.11961	0.063643	11.99633	-99.1867
30	39	34	35	2	314.1592	487.7053	18.44752	0.037825	11.88312	-99.0658
29	40	34	35	2	471.2389	528.1674	12.69055	0.024028	11.32269	-98.9996
28	41	33	36	2	209.4395	665.065	30.83614	0.046366	9.710832	-403.869
27	42	33	36	2	282.7433	600.204	20.48864	0.034136	9.651719	-316.313

26	43	33	36	2	366.5192	529.2039	14.66813	0.027717	10.15894	-254.737
25	44	33	36	2	460.7669	577.7589	13.85367	0.023978	11.04821	-208.721
24	45	33	36	2	565.4865	609.3575	12.45691	0.020443	11.56003	-171.088
23	46	32	37	2	395.8407	667.9916	20.23814	0.030297	11.99282	-324.366
22	47	32	37	2	471.2389	562.1082	15.15598	0.026963	12.70592	-280.443
21	48	32	37	2	552.9205	528.6047	12.14696	0.022979	12.70567	-234.305
20	49	32	37	2	640.885	480.6528	10.00513	0.020816	13.34049	-208.276
19	50	32	37	2	735.1325	536.2813	9.790586	0.018256	13.42098	-185.834
18	51	31	38	2	583.4385	448.3528	11.06707	0.024684	14.40149	-439.475
17	52	31	38	2	659.7345	415.1648	9.100653	0.021921	14.46166	-428.629
16	53	31	38	2	740.5185	427.2216	8.584167	0.020093	14.87924	-418.86
15	54	31	38	2	825.79	465.9172	8.463832	0.018166	15.00126	-409.952
14	55	31	38	2	915.55	477.7439	7.913927	0.016565	15.16616	-401.867
13	56	30	39	2	771.4355	436.1631	8.836782	0.02026	15.62949	-735.355
12	57	30	39	2	848.23	418.736	7.785719	0.018593	15.77147	-730.622
11	58	30	39	2	928.515	366.7028	6.29713	0.017172	15.94465	-725.61
10	59	30	39	2	1012.291	386.9272	5.960682	0.015405	15.59455	-721.111
9	60	30	39	2	1099.557	406.187	5.84385	0.014387	15.81944	-715.737
32	35	33	34	2	31.4159	440.8339	94.71977	0.214865	6.750193	273.6064
31	36	33	34	2	94.2478	710.5956	62.20163	0.087535	8.249934	275.2164
30	37	33	34	2	188.4955	680.3502	31.77122	0.046698	8.802442	276.7582
29	38	33	34	2	314.1592	541.3715	14.7111	0.027174	8.536899	278.2236
28	39	33	34	2	471.2389	481.046	8.52331	0.017718	8.349546	279.4973
27	40	32	35	2	209.4395	512.8837	23.01178	0.044867	9.397007	-593.038
26	41	32	35	2	282.7433	641.2828	21.52821	0.033571	9.491495	-505.99
25	42	32	35	2	366.5192	598.0629	16.2123	0.027108	9.935769	-434.039

24	43	32	35	2	460.7669	543.0305	12.26189	0.02258	10.40458	-370.681
23	44	32	35	2	565.4865	593.0704	11.77737	0.019858	11.22959	-311.253
22	45	31	36	2	395.8407	600.1179	18.732	0.031214	12.35575	-492.484
21	46	31	36	2	471.2389	609.0086	16.69917	0.02742	12.92149	-464.122
20	47	31	36	2	552.9205	538.6891	13.03298	0.024194	13.37729	-447.331
19	48	31	36	2	640.885	503.6038	10.7834	0.021412	13.72293	-432.616
18	49	31	36	2	735.1325	449.4468	8.671094	0.019293	14.18277	-419.659
17	50	30	37	2	583.4385	488.4788	12.02475	0.024617	14.36234	-662.893
16	51	30	37	2	659.7345	458.733	10.31829	0.022493	14.83938	-657.415
15	52	30	37	2	740.5185	458.8907	9.229811	0.020113	14.89432	-652.449
14	53	30	37	2	825.79	407.3717	7.515207	0.018448	15.23421	-648.094
13	54	30	37	2	915.55	431.3389	7.245481	0.016798	15.37909	-644.012
12	55	29	38	2	771.4355	459.3296	9.370136	0.0204	15.7369	-654.063
11	56	29	38	2	848.23	406.2084	7.703454	0.018964	16.08608	-648.185
10	57	29	38	2	928.515	386.3391	6.762972	0.017505	16.2539	-642.818
9	58	29	38	2	1012.291	366.4973	5.899463	0.016097	16.29473	-636.757
8	59	29	38	2	1099.557	451.0391	6.589534	0.01461	16.06419	-632.672
7	60	28	39	2	959.6135	434.7799	7.396578	0.017012	16.32487	-759.244
31	34	32	33	2	31.4159	879.2217	240.144	0.273133	8.580703	-70.0008
30	35	32	33	2	94.2478	567.7524	63.07151	0.11109	10.46997	-67.9569
29	36	32	33	2	188.4955	630.8762	34.57651	0.054807	10.33091	-65.9148
28	37	32	33	2	314.1592	668.1559	21.4394	0.032087	10.0806	-63.375
27	38	32	33	2	471.2389	524.9319	10.83666	0.020644	9.728237	-61.034
26	39	31	34	2	209.4395	467.0474	21.89076	0.046871	9.816534	-439.65
25	40	31	34	2	282.7433	510.834	17.9559	0.03515	9.938448	-397.924
24	41	31	34	2	366.5192	664.1422	18.72302	0.028191	10.33266	-364.212

23	42	31	34	2	460.7669	612.3093	14.10139	0.02303	10.61141	-338.059
22	43	31	34	2	565.4865	539.1935	10.80468	0.020039	11.3312	-311.971
21	44	30	35	2	395.8407	542.5096	17.32394	0.031933	12.64029	-782.122
20	45	30	35	2	471.2389	572.7379	15.95771	0.027862	13.12975	-769.992
19	46	30	35	2	552.9205	575.7513	14.2862	0.024813	13.7197	-759.068
18	47	30	35	2	640.885	496.2154	10.97702	0.022121	14.17733	-749.202
17	48	30	35	2	735.1325	460.8405	9.075788	0.019694	14.47769	-740.227
16	49	29	36	2	583.4385	460.5052	11.81497	0.025657	14.96901	-679.146
15	50	29	36	2	659.7345	549.5698	12.5151	0.022773	15.02383	-670.895
14	51	29	36	2	740.5185	436.1702	9.085584	0.02083	15.42525	-663.474
13	52	29	36	2	825.79	425.9615	7.996379	0.018773	15.50216	-656.623
12	53	29	36	2	915.55	393.6833	6.779614	0.017221	15.76667	-649.816
11	54	28	37	2	771.4355	402.1018	8.186104	0.020358	15.70509	-699.32
10	55	28	37	2	848.23	421.2633	7.890571	0.018731	15.8879	-694.791
9	56	28	37	2	928.515	405.9564	7.146218	0.017603	16.34503	-691.611
8	57	28	37	2	1012.291	448.6613	7.289384	0.016247	16.44665	-688.623
7	58	28	37	2	1099.557	389.0136	5.831827	0.014991	16.48383	-685.841
6	59	27	38	2	959.6135	445.1469	7.580107	0.017028	16.34069	-719.579
5	60	27	38	2	1036.725	434.6418	7.018995	0.016149	16.74201	-715.279
30	33	31	32	2	31.4159	794.4039	245.4272	0.308945	9.705758	-279.395
29	34	31	32	2	94.2478	755.5457	101.3893	0.134194	12.64745	-278.438
28	35	31	32	2	188.4955	559.1328	37.11575	0.066381	12.51252	-277.451
27	36	31	32	2	314.1592	608.3593	22.63533	0.037207	11.68897	-276.496
26	37	31	32	2	471.2389	644.2806	15.92938	0.024724	11.65107	-275.544
25	38	30	33	2	209.4395	523.0901	27.55664	0.05268	11.03339	-1177.69
24	39	30	33	2	282.7433	481.1633	19.27536	0.04006	11.32667	-1138.09

23	40	30	33	2	366.5192	521.8771	16.53749	0.031688	11.61442	-1114.9
22	41	30	33	2	460.7669	652.6939	17.19299	0.026342	12.13735	-1094.81
21	42	30	33	2	565.4865	560.6575	12.28923	0.021919	12.3951	-1077.12
20	43	29	34	2	395.8407	518.6992	16.42245	0.031661	12.53244	-628.325
19	44	29	34	2	471.2389	517.0327	14.68417	0.028401	13.38339	-615.564
18	45	29	34	2	552.9205	524.4976	13.10205	0.02498	13.8121	-604.486
17	46	29	34	2	640.885	520.5576	11.62979	0.022341	14.31803	-594.718
16	47	29	34	2	735.1325	509.0683	10.1942	0.020025	14.72119	-586.058
15	48	28	35	2	583.4385	518.468	13.18971	0.02544	14.84254	-825.174
14	49	28	35	2	659.7345	438.0905	10.06483	0.022974	15.15696	-817.18
13	50	28	35	2	740.5185	501.7654	10.30995	0.020547	15.21569	-809.659
12	51	28	35	2	825.79	421.162	7.993024	0.018979	15.67226	-800.906
11	52	28	35	2	915.55	396.6365	6.8257	0.017209	15.75558	-795.117
10	53	27	36	2	771.4355	364.4321	7.556374	0.020735	15.99546	-742.519
9	54	27	36	2	848.23	401.5642	7.674335	0.019111	16.21061	-736.407
8	55	27	36	2	928.515	495.9702	8.771563	0.017686	16.42138	-730.693
7	56	27	36	2	1012.291	433.7462	7.212872	0.016629	16.83364	-725.351
6	57	27	36	2	1099.557	442.9297	6.866885	0.015503	17.04681	-720.346
5	58	26	37	2	959.6135	389.0538	6.82321	0.017538	16.82966	-687.309
4	59	26	37	2	1036.725	411.763	6.637301	0.016119	16.71124	-683.815
3	60	26	37	2	1116.693	438.6992	6.714285	0.015305	17.09105	-680.659
29	32	30	31	2	31.4159	610.5548	177.8301	0.29126	9.150305	-314.467
28	33	30	31	2	94.2478	775.6621	94.08692	0.121299	11.4321	-315.245
27	34	30	31	2	188.4955	723.3563	46.27931	0.063979	12.05968	-316.152
26	35	30	31	2	314.1592	543.7848	20.38091	0.03748	11.77462	-316.824
25	36	30	31	2	471.2389	606.2962	14.89019	0.024559	11.57332	-317.468

24	37	29	32	2	209.4395	667.0036	37.7149	0.056544	11.84253	-1096.66
23	38	29	32	2	282.7433	534.0438	22.94065	0.042956	12.1457	-1064.35
22	39	29	32	2	366.5192	474.7513	16.2864	0.034305	12.57348	-1037.11
21	40	29	32	2	460.7669	483.8198	13.51832	0.027941	12.87417	-1014
20	41	29	32	2	565.4865	620.2423	14.68026	0.023669	13.38432	-993.466
19	42	28	33	2	395.8407	532.1188	17.2196	0.03236	12.80958	-1249.18
18	43	28	33	2	471.2389	481.3684	13.9117	0.0289	13.61837	-1238.52
17	44	28	33	2	552.9205	475.3675	12.43476	0.026158	14.46331	-1228.14
16	45	28	33	2	640.885	539.084	12.42656	0.023051	14.77321	-1218.92
15	46	28	33	2	735.1325	592.7069	12.28424	0.020726	15.2361	-1208.55
14	47	27	34	2	583.4385	481.5375	12.34697	0.025641	14.95979	-771.324
13	48	27	34	2	659.7345	476.3823	10.98925	0.023068	15.21884	-762.691
12	49	27	34	2	740.5185	422.4026	8.862686	0.020982	15.53727	-754.663
11	50	27	34	2	825.79	462.1286	8.700953	0.018828	15.54796	-747.021
10	51	27	34	2	915.55	388.0087	6.795765	0.017514	16.03536	-739.797
9	52	26	35	2	771.4355	395.6561	8.150709	0.0206	15.89197	-795.321
8	53	26	35	2	848.23	419.8709	8.048097	0.019168	16.2589	-788.965
7	54	26	35	2	928.515	428.9054	7.658545	0.017856	16.57958	-783.345
6	55	26	35	2	1012.291	489.1446	8.09168	0.016543	16.74578	-777.905
5	56	26	35	2	1099.557	433.5148	6.766855	0.015609	17.16331	-771.996
4	57	25	36	2	959.6135	410.7972	7.360374	0.017917	17.19367	-643.068
3	58	25	36	2	1036.725	392.6543	6.626057	0.016875	17.49473	-637.064
2	59	25	36	2	1116.693	275.7889	4.237999	0.015367	17.15998	-633.081
1	60	25	36	2	1199.517	359.4236	5.241552	0.014583	17.49294	-629.397
28	31	29	30	2	31.4159	1017.644	321.242	0.315672	9.917146	29.24405
27	32	29	30	2	94.2478	592.4196	66.50486	0.11226	10.58026	29.50281

26	33	29	30	2	188.4955	757.4945	46.70626	0.061659	11.62207	29.8057
25	34	29	30	2	314.1592	720.3056	28.34782	0.039355	12.36382	30.02754
24	35	29	30	2	471.2389	558.5454	14.50725	0.025973	12.23962	30.24537
23	36	28	31	2	209.4395	620.9191	34.4207	0.055435	11.61032	-678.746
22	37	28	31	2	282.7433	655.2835	27.67063	0.042227	11.9394	-657.457
21	38	28	31	2	366.5192	493.7248	16.40828	0.033234	12.1808	-639.362
20	39	28	31	2	460.7669	457.429	12.44932	0.027216	12.54016	-625.136
19	40	28	31	2	565.4865	462.8764	10.59436	0.022888	12.9429	-610.926
18	41	27	32	2	395.8407	563.7448	19.23876	0.034127	13.50876	-1169.12
17	42	27	32	2	471.2389	486.292	14.189	0.029178	13.74978	-1151.6
16	43	27	32	2	552.9205	490.3514	12.9119	0.026332	14.55941	-1135.99
15	44	27	32	2	640.885	533.1718	12.7245	0.023866	15.29514	-1121.7
14	45	27	32	2	735.1325	507.2562	10.71081	0.021115	15.52247	-1108.58
13	46	26	33	2	583.4385	537.1992	14.01998	0.026098	15.22674	-1310.34
12	47	26	33	2	659.7345	462.4665	10.94197	0.02366	15.60933	-1301.1
11	48	26	33	2	740.5185	440.8503	9.432957	0.021397	15.84502	-1292.47
10	49	26	33	2	825.79	389.0803	7.610944	0.019561	16.15359	-1284.27
9	50	26	33	2	915.55	461.03	8.154163	0.017687	16.1932	-1275.72
8	51	25	34	2	771.4355	450.804	9.341208	0.020721	15.98507	-664.062
7	52	25	34	2	848.23	422.8269	8.040208	0.019015	16.12919	-656.643
6	53	25	34	2	928.515	414.9921	7.402345	0.017837	16.56221	-651.611
5	54	25	34	2	1012.291	428.9007	7.127177	0.016617	16.82155	-646.728
4	55	25	34	2	1099.557	450.2823	7.011014	0.01557	17.12038	-642.063
3	56	24	35	2	959.6135	437.6414	7.910599	0.018076	17.34552	-739.101
2	57	24	35	2	1036.725	277.3767	4.667074	0.016826	17.4437	-734.17
1	58	24	35	2	1116.693	328.8196	5.210931	0.015847	17.69667	-729.544

27	30	28	29	2	31.4159	836.4006	235.36	0.281396	8.840339	-47.3675
26	31	28	29	2	94.2478	983.7174	104.2871	0.106013	9.989065	-48.1311
25	32	28	29	2	188.4955	594.5532	31.92452	0.053695	10.12126	-48.7735
24	33	28	29	2	314.1592	774.3236	26.46873	0.034183	10.73888	-49.5242
23	34	28	29	2	471.2389	740.9986	17.63425	0.023798	11.21453	-50.2817
22	35	27	30	2	209.4395	551.1801	31.82441	0.057739	12.09277	-429.296
21	36	27	30	2	282.7433	567.6713	24.19234	0.042617	12.04964	-408.238
20	37	27	30	2	366.5192	622.0701	20.97399	0.033716	12.35775	-390.188
19	38	27	30	2	460.7669	470.9285	12.96032	0.027521	12.68067	-374.228
18	39	27	30	2	565.4865	424.9311	9.849987	0.02318	13.10809	-359.858
17	40	26	31	2	395.8407	427.2205	14.14654	0.033113	13.10739	-779.683
16	41	26	31	2	471.2389	580.9173	16.66216	0.028682	13.51631	-770.843
15	42	26	31	2	552.9205	545.971	13.46573	0.024664	13.63715	-762.711
14	43	26	31	2	640.885	465.5426	10.50716	0.02257	14.4645	-754.999
13	44	26	31	2	735.1325	487.5614	10.02705	0.020566	15.11857	-748.161
12	45	25	32	2	583.4385	486.5364	12.72254	0.026149	15.25646	-1105.39
11	46	25	32	2	659.7345	492.8685	11.70679	0.023752	15.67026	-1097.12
10	47	25	32	2	740.5185	423.1972	9.164268	0.021655	16.03582	-1087.83
9	48	25	32	2	825.79	439.7182	8.689727	0.019762	16.31928	-1081.6
8	49	25	32	2	915.55	452.7693	8.231736	0.018181	16.64549	-1075.64
7	50	24	33	2	771.4355	498.278	10.41553	0.020903	16.12536	-1259.2
6	51	24	33	2	848.23	444.6455	8.713785	0.019597	16.62292	-1251.71
5	52	24	33	2	928.515	421.9657	7.657318	0.018147	16.84948	-1244.53
4	53	24	33	2	1012.291	386.1059	6.573125	0.017024	17.23342	-1237.68
3	54	24	33	2	1099.557	432.9673	6.917081	0.015976	17.56651	-1231.1
2	55	23	34	2	959.6135	295.1848	5.290994	0.017924	17.20043	-742.277

1	56	23	34	2	1036.725	360.1185	6.098769	0.016935	17.55738	-737.457
26	29	27	28	2	31.4159	850.0142	267.3167	0.314485	9.879848	-27.4807
25	30	27	28	2	94.2478	830.9953	96.77871	0.116461	10.97626	-26.4938
24	31	27	28	2	188.4955	1010.025	61.8457	0.061232	11.54197	-25.2825
23	32	27	28	2	314.1592	603.9573	22.32235	0.03696	11.61144	-24.4824
22	33	27	28	2	471.2389	758.2782	19.58321	0.025826	12.17013	-23.7017
21	34	26	29	2	209.4395	665.855	36.70889	0.05513	11.5465	-496.477
20	35	26	29	2	282.7433	526.959	21.52014	0.040838	11.54678	-471.252
19	36	26	29	2	366.5192	537.6243	17.12287	0.031849	11.67334	-449.655
18	37	26	29	2	460.7669	563.5704	14.73724	0.02615	12.04899	-430.667
17	38	26	29	2	565.4865	433.433	9.502991	0.021925	12.39846	-515.544
16	39	25	30	2	395.8407	435.2863	14.10526	0.032405	12.82705	-298.108
15	40	25	30	2	471.2389	472.9672	13.17864	0.027864	13.13046	-285.664
14	41	25	30	2	552.9205	544.1804	13.33658	0.024508	13.55079	-273.443
13	42	25	30	2	640.885	498.4075	10.6677	0.021404	13.71725	-262.439
12	43	25	30	2	735.1325	448.5188	8.865373	0.019766	14.53052	-249.803
11	44	24	31	2	583.4385	451.6714	11.50327	0.025468	14.85912	-709.745
10	45	24	31	2	659.7345	442.3978	10.10359	0.022838	15.06718	-704.441
9	46	24	31	2	740.5185	490.5865	10.28779	0.02097	15.52895	-699.204
8	47	24	31	2	825.79	499.1477	9.638035	0.019309	15.94517	-694.045
7	48	24	31	2	915.55	473.3119	8.413191	0.017775	16.27404	-689.092
6	49	23	32	2	771.4355	446.3444	9.541336	0.021377	16.49068	-1235.42
5	50	23	32	2	848.23	497.0965	9.759295	0.019633	16.65298	-1228.64
4	51	23	32	2	928.515	412.5111	7.630696	0.018498	17.17581	-1222.21
3	52	23	32	2	1012.291	425.9518	7.304885	0.01715	17.36029	-1216.12
2	53	23	32	2	1099.557	265.4729	4.243815	0.015986	17.57743	-1209.71

1	54	22	33	2	959.6135	356.7616	6.518875	0.018272	17.53439	-1267.67
25	28	26	27	2	31.4159	815.3741	193.1893	0.236933	7.443502	-16.5473
24	29	26	27	2	94.2478	853.7705	83.10888	0.097343	9.174425	-15.8755
23	30	26	27	2	188.4955	855.8651	44.39847	0.051876	9.778348	-15.2132
22	31	26	27	2	314.1592	983.7638	31.26795	0.031784	9.985271	-14.6098
21	32	26	27	2	471.2389	557.3052	11.77417	0.021127	9.955897	-14.0337
20	33	25	28	2	209.4395	714.2279	38.65329	0.054119	11.3346	-299.051
19	34	25	28	2	282.7433	624.7388	25.86	0.041393	11.70369	-271.183
18	35	25	28	2	366.5192	484.0764	15.75089	0.032538	11.92583	-248.408
17	36	25	28	2	460.7669	489.9656	12.79994	0.026124	12.03717	-228.976
16	37	25	28	2	565.4865	581.3922	12.69849	0.021842	12.35109	-211.872
15	38	24	29	2	395.8407	481.8684	14.87253	0.030864	12.21737	-451.02
14	39	24	29	2	471.2389	414.2769	10.9988	0.026549	12.51111	-436.119
13	40	24	29	2	552.9205	437.4126	10.16475	0.023238	12.84895	-419.551
12	41	24	29	2	640.885	520.3111	10.76262	0.020685	13.25669	-408.614
11	42	24	29	2	735.1325	459.3176	8.380702	0.018246	13.41324	-398.453
10	43	23	30	2	583.4385	413.5149	10.13853	0.024518	14.30476	-432.903
9	44	23	30	2	659.7345	450.6786	10.15791	0.022539	14.86984	-425.569
8	45	23	30	2	740.5185	527.5021	10.73552	0.020352	15.07078	-418.725
7	46	23	30	2	825.79	533.1428	10.06016	0.01887	15.58226	-412.322
6	47	23	30	2	915.55	491.7818	8.587754	0.017463	15.98782	-406.29
5	48	22	31	2	771.4355	472.6877	9.927686	0.021003	16.20217	-709.352
4	49	22	31	2	848.23	413.8874	8.05855	0.01947	16.51536	-705.665
3	50	22	31	2	928.515	502.9778	9.082437	0.018057	16.7665	-701.753
2	51	22	31	2	1012.291	278.3608	4.723011	0.016967	17.17576	-698.419
1	52	22	31	2	1099.557	352.5668	5.604684	0.015897	17.47939	-694.451

24	27	25	26	2	31.4159	815.1607	231.7121	0.284253	8.93011	137.3432
23	28	25	26	2	94.2478	837.7662	86.35234	0.103075	9.71459	137.4671
22	29	25	26	2	188.4955	834.7322	46.89993	0.056186	10.59077	137.593
21	30	25	26	2	314.1592	758.2666	25.73473	0.033939	10.66223	137.6535
20	31	25	26	2	471.2389	911.0983	20.73873	0.022762	10.72653	137.6752
19	32	24	27	2	209.4395	517.9297	25.63195	0.049489	10.36503	-255.853
18	33	24	27	2	282.7433	639.414	24.48056	0.038286	10.82507	-211.707
17	34	24	27	2	366.5192	561.7041	17.01795	0.030297	11.10442	-175.262
16	35	24	27	2	460.7669	497.591	12.16221	0.024442	11.26216	-145.255
15	36	24	27	2	565.4865	551.8935	11.14273	0.02019	11.41716	-118.408
14	37	23	28	2	395.8407	543.7164	16.54719	0.030433	12.04685	-393.107
13	38	23	28	2	471.2389	443.9095	11.62112	0.026179	12.33659	-377.557
12	39	23	28	2	552.9205	399.7496	9.133495	0.022848	12.63315	-367.56
11	40	23	28	2	640.885	406.8068	8.27082	0.020331	13.02986	-358.372
10	41	23	28	2	735.1325	470.0878	8.570331	0.018231	13.40245	-349.836
9	42	22	29	2	583.4385	456.7134	10.42551	0.022827	13.31832	-491.74
8	43	22	29	2	659.7345	481.1659	10.30171	0.02141	14.12472	-483.765
7	44	22	29	2	740.5185	486.8691	9.676395	0.019875	14.71759	-476.332
6	45	22	29	2	825.79	519.3688	9.393143	0.018086	14.935	-469.374
5	46	22	29	2	915.55	532.07	8.98936	0.016895	15.46827	-462.828
4	47	21	30	2	771.4355	452.3999	9.484395	0.020965	16.17285	-452.677
3	48	21	30	2	848.23	478.3055	9.355676	0.01956	16.59141	-446.148
2	49	21	30	2	928.515	277.955	4.993443	0.017965	16.68067	-439.971
1	50	21	30	2	1012.291	402.4497	6.7398	0.016747	16.95278	-432.769
23	26	24	25	2	31.4159	797.1309	195.1505	0.244816	7.691222	-118.27
22	27	24	25	2	94.2478	797.6002	78.02384	0.097823	9.219666	-117.588

21	28	24	25	2	188.4955	743.5278	36.1578	0.04863	9.166571	-116.9
20	29	24	25	2	314.1592	781.8273	23.87578	0.030538	9.59395	-116.274
19	30	24	25	2	471.2389	706.1101	14.74449	0.020881	9.840033	-115.682
18	31	23	26	2	209.4395	793.8264	39.82521	0.050169	10.5073	-168.106
17	32	23	26	2	282.7433	478.2838	18.09101	0.037825	10.69481	-130.87
16	33	23	26	2	366.5192	661.9559	19.92535	0.030101	11.03243	-102.833
15	34	23	26	2	460.7669	644.6311	15.76878	0.024462	11.27115	-81.439
14	35	23	26	2	565.4865	465.245	9.435233	0.02028	11.46817	-63.5416
13	36	22	27	2	395.8407	500.4436	14.37953	0.028734	11.37396	-163.814
12	37	22	27	2	471.2389	519.548	12.9028	0.024835	11.70306	-135.976
11	38	22	27	2	552.9205	411.868	8.931224	0.021685	11.98993	-119.841
10	39	22	27	2	640.885	368.7769	7.120453	0.019308	12.37439	-106.165
9	40	22	27	2	735.1325	404.5077	7.001702	0.017309	12.72453	-94.5596
8	41	21	28	2	583.4385	567.429	13.14037	0.023158	13.51112	-415.548
7	42	21	28	2	659.7345	494.478	10.29725	0.020824	13.73868	-407.802
6	43	21	28	2	740.5185	476.382	9.357666	0.019643	14.54609	-400.537
5	44	21	28	2	825.79	485.9865	8.949859	0.018416	15.20763	-393.713
4	45	21	28	2	915.55	475.3301	8.035178	0.016904	15.47686	-387.268
3	46	20	29	2	771.4355	538.9368	11.15999	0.020707	15.97443	-414.595
2	47	20	29	2	848.23	294.7084	5.633748	0.019116	16.21505	-407.298
1	48	20	29	2	928.515	386.7219	6.907199	0.017861	16.58398	-400.43
22	25	23	24	2	31.4159	797.206	213.0508	0.267247	8.395839	-9.46356
21	26	23	24	2	94.2478	710.9362	70.24127	0.098801	9.311766	-9.40254
20	27	23	24	2	188.4955	749.183	38.91167	0.051939	9.790262	-9.30121
19	28	23	24	2	314.1592	692.7113	21.7475	0.031395	9.862938	-9.23416
18	29	23	24	2	471.2389	693.2768	15.22726	0.021964	10.35033	-9.18887

17	30	22	25	2	209.4395	625.6983	30.34629	0.0485	10.15779	-531.836
16	31	22	25	2	282.7433	828.9857	29.83359	0.035988	10.17538	-506.821
15	32	22	25	2	366.5192	538.7118	15.17851	0.028176	10.32685	-487.408
14	33	22	25	2	460.7669	613.9479	14.2679	0.02324	10.70802	-471.534
13	34	22	25	2	565.4865	578.0948	11.2308	0.019427	10.98586	-458.07
12	35	21	26	2	395.8407	446.1017	13.05447	0.029263	11.58367	-76.4393
11	36	21	26	2	471.2389	461.5852	11.58592	0.0251	11.82827	-62.215
10	37	21	26	2	552.9205	468.4763	10.31913	0.022027	12.17921	-48.4158
9	38	21	26	2	640.885	408.9896	7.983635	0.01952	12.51039	-40.4067
8	39	21	26	2	735.1325	427.6012	7.466166	0.017461	12.83585	-33.6944
7	40	20	27	2	583.4385	433.9719	9.781347	0.022539	13.15018	13.48508
6	41	20	27	2	659.7345	558.5704	11.54284	0.020665	13.63339	25.28631
5	42	20	27	2	740.5185	493.3892	9.251021	0.01875	13.88471	35.56563
4	43	20	27	2	825.79	442.5911	7.844971	0.017725	14.63756	44.52926
3	44	20	27	2	915.55	492.8442	8.293959	0.016829	15.40757	52.40979
2	45	19	28	2	771.4355	304.0651	6.24175	0.020528	15.83579	-439.271
1	46	19	28	2	848.23	425.0736	8.129025	0.019124	16.22129	-433.922
21	24	22	23	2	31.4159	743.4978	179.1689	0.240981	7.570669	-27.8602
20	25	22	23	2	94.2478	747.1624	71.65568	0.095904	9.03874	-27.638
19	26	22	23	2	188.4955	672.2245	32.52033	0.048377	9.118841	-27.3512
18	27	22	23	2	314.1592	667.5704	20.11112	0.030126	9.464334	-27.1835
17	28	22	23	2	471.2389	611.8719	12.38012	0.020233	9.534654	-27.018
16	29	21	24	2	209.4395	720.8732	36.01038	0.049954	10.46223	-328.543
15	30	21	24	2	282.7433	732.7139	27.5731	0.037631	10.63998	-295.532
14	31	21	24	2	366.5192	754.6431	22.14924	0.029351	10.75755	-267.334
13	32	21	24	2	460.7669	487.4419	11.6046	0.023807	10.96931	-242.825

12	33	21	24	2	565.4865	584.5123	11.79832	0.020185	11.41428	-221.231
11	34	20	25	2	395.8407	526.1548	15.25263	0.028989	11.47498	-458.541
10	35	20	25	2	471.2389	407.6837	10.19355	0.025004	11.78264	-441.991
9	36	20	25	2	552.9205	457.4514	9.938647	0.021726	12.01284	-426.363
8	37	20	25	2	640.885	568.4788	10.97489	0.019306	12.37279	-412.805
7	38	20	25	2	735.1325	439.643	7.616115	0.017323	12.73505	-397.952
6	39	19	26	2	583.4385	422.0305	9.481939	0.022467	13.10837	-18.56
5	40	19	26	2	659.7345	433.3204	8.960333	0.020678	13.64218	-12.8705
4	41	19	26	2	740.5185	508.2248	9.707022	0.0191	14.14381	-8.07607
3	42	19	26	2	825.79	500.0494	8.74486	0.017488	14.44142	-3.9804
2	43	19	26	2	915.55	292.1789	4.84144	0.01657	15.17079	-0.47474
1	44	18	27	2	771.4355	395.6204	8.028308	0.020293	15.65469	165.5095
20	23	21	22	2	31.4159	771.0154	216.7991	0.281186	8.833759	21.63276
19	24	21	22	2	94.2478	690.8185	74.98855	0.10855	10.23065	22.13872
18	25	21	22	2	188.4955	665.007	38.60179	0.058047	10.94157	22.66666
17	26	21	22	2	314.1592	590.806	20.2045	0.034198	10.74377	23.29398
16	27	21	22	2	471.2389	692.3549	15.99058	0.023096	10.88373	23.89365
15	28	20	23	2	209.4395	719.0095	35.07238	0.048779	10.21614	-253.611
14	29	20	23	2	282.7433	665.9315	24.99061	0.037527	10.61055	-219.796
13	30	20	23	2	366.5192	651.2709	19.33902	0.029694	10.88353	-190.903
12	31	20	23	2	460.7669	710.2378	17.02478	0.023971	11.04482	-165.727
11	32	20	23	2	565.4865	448.2059	8.953815	0.019977	11.29671	-143.472
10	33	19	24	2	395.8407	522.3617	15.23932	0.029174	11.54819	-218.492
9	34	19	24	2	471.2389	521.7094	13.14404	0.025194	11.87249	-200.642
8	35	19	24	2	552.9205	481.1986	10.59777	0.022024	12.17736	-184.701
7	36	19	24	2	640.885	496.6914	9.681657	0.019492	12.49234	-170.34

6	37	19	24	2	735.1325	558.484	9.797112	0.017542	12.89596	-157.422
5	38	18	25	2	583.4385	438.5996	9.841481	0.022438	13.09149	-408.705
4	39	18	25	2	659.7345	392.0255	8.007476	0.020426	13.4757	-392.345
3	40	18	25	2	740.5185	438.7471	8.308578	0.018937	14.02324	-374.059
2	41	18	25	2	825.79	313.8434	5.461933	0.017403	14.37153	-361.969
1	42	18	25	2	915.55	400.2352	6.474994	0.016178	14.81177	-350.789
19	22	20	21	2	31.4159	682.5639	163.7878	0.23996	7.538571	104.0433
18	23	20	21	2	94.2478	683.1067	68.98507	0.100987	9.517849	105.0472
17	24	20	21	2	188.4955	607.4808	31.67548	0.052142	9.828602	106.0527
16	25	20	21	2	314.1592	690.444	22.17483	0.032117	10.08968	107.0125
15	26	20	21	2	471.2389	687.3976	14.42333	0.020983	9.887956	107.9206
14	27	19	22	2	209.4395	640.6145	31.6439	0.049396	10.34553	-262.324
13	28	19	22	2	282.7433	639.2062	24.07041	0.037657	10.64713	-227.364
12	29	19	22	2	366.5192	630.8959	19.07022	0.030227	11.07884	-195.385
11	30	19	22	2	460.7669	588.723	14.50033	0.02463	11.34875	-168.297
10	31	19	22	2	565.4865	621.6323	12.68073	0.020399	11.5354	-139.216
9	32	18	23	2	395.8407	450.11	12.98272	0.028843	11.41734	-91.7795
8	33	18	23	2	471.2389	646.3857	16.26711	0.025166	11.85927	-69.638
7	34	18	23	2	552.9205	566.9183	12.48937	0.02203	12.18093	-49.7084
6	35	18	23	2	640.885	474.9045	9.278634	0.019538	12.52156	-31.6167
5	36	18	23	2	735.1325	495.7615	8.716104	0.017581	12.92458	-15.1184
4	37	17	24	2	583.4385	506.7894	11.57027	0.022831	13.3202	-15.425
3	38	17	24	2	659.7345	443.8886	9.298089	0.020947	13.81935	-2.65883
2	39	17	24	2	740.5185	265.8878	5.100335	0.019182	14.20485	9.001561
1	40	17	24	2	825.79	359.7236	6.42275	0.017855	14.74422	19.68134
18	21	19	20	2	31.4159	621.1175	160.8315	0.258939	8.134812	-101.695

17	22	19	20	2	94.2478	603.4247	57.60208	0.095459	8.996804	-102.453
16	23	19	20	2	188.4955	709.6169	35.77399	0.050413	9.502672	-103.376
15	24	19	20	2	314.1592	715.2492	21.69345	0.03033	9.528439	-104.085
14	25	19	20	2	471.2389	640.3911	13.47109	0.021036	9.912807	-104.807
13	26	18	21	2	209.4395	613.7953	28.7448	0.046831	9.808317	-173.582
12	27	18	21	2	282.7433	607.4088	21.85421	0.035979	10.17295	-137.186
11	28	18	21	2	366.5192	578.476	16.65191	0.028786	10.55055	-106.736
10	29	18	21	2	460.7669	560.2992	13.33429	0.023799	10.96557	-80.6471
9	30	18	21	2	565.4865	583.3367	11.65713	0.019984	11.30042	-57.8449
8	31	17	22	2	395.8407	804.4272	23.60303	0.029341	11.61455	-29.4063
7	32	17	22	2	471.2389	483.1248	12.42141	0.025711	12.11605	-8.78468
6	33	17	22	2	552.9205	633.6001	14.41399	0.022749	12.57856	11.29312
5	34	17	22	2	640.885	572.3427	11.5935	0.020256	12.98193	29.06075
4	35	17	22	2	735.1325	437.6964	7.966572	0.018201	13.38028	48.634
3	36	16	23	2	583.4385	503.0662	11.67123	0.0232	13.53591	-343.103
2	37	16	23	2	659.7345	313.4632	6.648907	0.021211	13.99376	-331.856
1	38	16	23	2	740.5185	362.0887	7.046099	0.01946	14.41015	-321.409
17	20	18	19	2	31.4159	574.18	135.3233	0.235681	7.404156	180.9084
16	21	18	19	2	94.2478	641.8709	59.27642	0.092349	8.703745	183.8272
15	22	18	19	2	188.4955	704.775	32.59266	0.046245	8.717083	186.6216
14	23	18	19	2	314.1592	654.98	19.10629	0.029171	9.164295	189.2628
13	24	18	19	2	471.2389	634.5135	12.55254	0.019783	9.322516	191.7649
12	25	17	20	2	209.4395	607.8997	29.0334	0.04776	10.00286	-280.206
11	26	17	20	2	282.7433	562.4252	20.00571	0.03557	10.05732	-250.353
10	27	17	20	2	366.5192	540.6121	15.43971	0.02856	10.46769	-226.815
9	28	17	20	2	460.7669	573.966	13.65827	0.023796	10.96455	-203.073

8	29	17	20	2	565.4865	703.5154	14.24777	0.020252	11.45235	-188.84
7	30	16	21	2	395.8407	646.0619	19.30522	0.029881	11.82826	-378.043
6	31	16	21	2	471.2389	787.2768	20.11819	0.025554	12.04212	-363.82
5	32	16	21	2	552.9205	480.9753	10.97057	0.022809	12.61147	-351.057
4	33	16	21	2	640.885	569.3306	11.64673	0.020457	13.11049	-339.526
3	34	16	21	2	735.1325	581.4835	10.69039	0.018385	13.51518	-329.029
2	35	15	22	2	583.4385	285.5879	6.875078	0.024073	14.04538	-257.417
1	36	15	22	2	659.7345	400.217	8.714262	0.021774	14.36496	-244.772
16	19	17	18	2	31.4159	604.8858	146.7214	0.242561	7.620269	-64.0327
15	20	17	18	2	94.2478	668.0623	62.75118	0.09393	8.852731	-63.3673
14	21	17	18	2	188.4955	597.2982	29.80617	0.049902	9.406257	-62.7627
13	22	17	18	2	314.1592	626.8235	18.7349	0.029889	9.389822	-62.1473
12	23	17	18	2	471.2389	620.087	12.95154	0.020887	9.842619	-61.7835
11	24	16	19	2	209.4395	573.6321	26.82184	0.046758	9.792962	-448.098
10	25	16	19	2	282.7433	541.9059	19.77863	0.036498	10.31964	-424.333
9	26	16	19	2	366.5192	555.7344	15.95157	0.028704	10.52043	-403.903
8	27	16	19	2	460.7669	674.5875	16.14669	0.023936	11.02878	-385.868
7	28	16	19	2	565.4865	635.1966	13.03916	0.020528	11.60816	-369.647
6	29	15	20	2	395.8407	690.5992	20.98561	0.030388	12.02862	-526.384
5	30	15	20	2	471.2389	644.9047	17.1001	0.026516	12.49523	-515.302
4	31	15	20	2	552.9205	688.511	15.95091	0.023167	12.80965	-505.305
3	32	15	20	2	640.885	486.1609	10.13611	0.020849	13.36207	-495.329
2	33	15	20	2	735.1325	338.2742	6.35077	0.018774	13.8014	-486.282
1	34	14	21	2	583.4385	448.7931	10.76588	0.023989	13.99582	-249.693
15	18	16	17	2	31.4159	602.3813	138.8574	0.230514	7.241818	-285.798
14	19	16	17	2	94.2478	565.1876	51.98846	0.091984	8.669348	-286.172

13	20	16	17	2	188.4955	597.2781	29.16213	0.048825	9.203248	-286.486
12	21	16	17	2	314.1592	567.4564	17.16658	0.030252	9.503891	-286.815
11	22	16	17	2	471.2389	566.8269	11.51921	0.020322	9.576652	-287.138
10	23	15	18	2	209.4395	550.2875	26.19989	0.047611	9.971663	-671.213
9	24	15	18	2	282.7433	567.713	20.73022	0.036515	10.32447	-637.626
8	25	15	18	2	366.5192	674.6332	20.22564	0.02998	10.98831	-612.899
7	26	15	18	2	460.7669	613.3644	15.00945	0.024471	11.27532	-594.261
6	27	15	18	2	565.4865	661.6043	13.85974	0.020949	11.8462	-578.411
5	28	14	19	2	395.8407	632.9407	19.35093	0.030573	12.10206	-325.432
4	29	14	19	2	471.2389	615.1514	16.55379	0.02691	12.68109	-305.727
3	30	14	19	2	552.9205	657.0557	15.66809	0.023846	13.18489	-293.025
2	31	14	19	2	640.885	378.0674	7.971475	0.021085	13.51293	-281.312
1	32	14	19	2	735.1325	389.7661	7.387	0.018952	13.93254	-270.439
14	17	15	16	2	31.4159	510.2685	115.1787	0.225722	7.091263	17.32047
13	18	15	16	2	94.2478	543.7306	47.47277	0.087309	8.22866	18.29108
12	19	15	16	2	188.4955	537.7815	25.4161	0.047261	8.908498	19.25291
11	20	15	16	2	314.1592	543.6435	16.19685	0.029793	9.359706	20.13458
10	21	15	16	2	471.2389	508.1617	10.36271	0.020393	9.609745	20.96073
9	22	14	17	2	209.4395	560.8474	25.87174	0.04613	9.661396	-506.703
8	23	14	17	2	282.7433	689.2388	24.90611	0.036136	10.21714	-478.793
7	24	14	17	2	366.5192	629.0073	18.32432	0.029132	10.67752	-459.649
6	25	14	17	2	460.7669	663.2325	16.43709	0.024783	11.41932	-442.113
5	26	14	17	2	565.4865	608.6249	12.64662	0.020779	11.75029	-432.207
4	27	13	18	2	395.8407	590.6974	18.03406	0.03053	12.08507	-758.322
3	28	13	18	2	471.2389	644.4978	17.50539	0.027161	12.79945	-743.44
2	29	13	18	2	552.9205	354.8279	8.52154	0.024016	13.27892	-729.733

1	30	13	18	2	640.885	494.2558	10.5467	0.021339	13.67551	-717.037
13	16	14	15	2	31.4159	561.8087	119.1248	0.212038	6.661373	76.32748
12	17	14	15	2	94.2478	487.1478	40.56661	0.083274	7.848352	76.65575
11	18	14	15	2	188.4955	498.8363	22.2083	0.04452	8.391797	76.94045
10	19	14	15	2	314.1592	484.0777	13.53715	0.027965	8.785371	77.16822
9	20	14	15	2	471.2389	538.6592	10.60348	0.019685	9.276267	77.37907
8	21	13	16	2	209.4395	624.6657	28.3913	0.04545	9.519121	-210.842
7	22	13	16	2	282.7433	621.5319	21.64825	0.03483	9.848119	-161.722
6	23	13	16	2	366.5192	677.1282	19.41389	0.028671	10.50839	-132.887
5	24	13	16	2	460.7669	625.8719	14.9333	0.02386	10.9939	-108.617
4	25	13	16	2	565.4865	592.5776	12.31818	0.020787	11.75502	-88.3071
3	26	12	17	2	395.8407	620.1915	18.54135	0.029896	11.8341	-688.081
2	27	12	17	2	471.2389	345.9258	9.151244	0.026454	12.46632	-671.68
1	28	12	17	2	552.9205	487.8589	11.46147	0.023493	12.98996	-657.064
12	15	13	14	2	31.4159	554.2471	116.6699	0.210502	6.613106	-79.5024
11	16	13	14	2	94.2478	513.212	40.36898	0.078659	7.413488	-78.7819
10	17	13	14	2	188.4955	442.3893	18.63727	0.042129	7.941004	-78.1195
9	18	13	14	2	314.1592	494.5258	13.19339	0.026679	8.3814	-77.4825
8	19	13	14	2	471.2389	588.9448	10.95845	0.018607	8.768281	-76.9133
7	20	12	15	2	209.4395	594.5544	26.01893	0.043762	9.165476	-201.51
6	21	12	15	2	282.7433	614.0764	20.80573	0.033881	9.579695	-176.069
5	22	12	15	2	366.5192	618.1484	16.74274	0.027085	9.927293	-155.861
4	23	12	15	2	460.7669	603.5284	13.9047	0.023039	10.61546	-139.484
3	24	12	15	2	565.4865	637.5388	12.54073	0.019671	11.12342	-126.058
2	25	11	16	2	395.8407	346.8199	10.33246	0.029792	11.7929	-13.4938
1	26	11	16	2	471.2389	471.5404	12.202	0.025877	12.19425	5.947708

11	14	12	13	2	31.4159	485.5409	92.64597	0.19081	5.994464	-34.7335
10	15	12	13	2	94.2478	497.3833	35.11313	0.070596	6.653496	-34.6375
9	16	12	13	2	188.4955	507.7665	19.278	0.037966	7.156477	-34.5524
8	17	12	13	2	314.1592	530.6272	12.96013	0.024424	7.673007	-34.4568
7	18	12	13	2	471.2389	541.2756	9.343311	0.017262	8.134346	-34.3744
6	19	11	14	2	209.4395	580.1673	24.50074	0.04223	8.844671	-262.229
5	20	11	14	2	282.7433	592.372	19.79156	0.033411	9.446643	-239.729
4	21	11	14	2	366.5192	553.2219	14.94343	0.027012	9.900228	-220.976
3	22	11	14	2	460.7669	629.6802	14.11733	0.02242	10.33031	-204.93
2	23	11	14	2	565.4865	352.4729	6.852556	0.019441	10.99384	-190.92
1	24	10	15	2	395.8407	483.6631	13.89965	0.028738	11.37579	97.07979
10	13	11	12	2	31.4159	457.5692	86.516	0.189077	5.940041	126.8713
9	14	11	12	2	94.2478	480.1389	34.5734	0.072007	6.786504	128.5047
8	15	11	12	2	188.4955	607.9347	23.51588	0.038682	7.291314	129.9686
7	16	11	12	2	314.1592	556.4466	13.82208	0.02484	7.803695	131.2546
6	17	11	12	2	471.2389	522.2623	9.336598	0.017877	8.424419	132.5302
5	18	10	13	2	209.4395	539.0062	21.86435	0.040564	8.495734	-70.7038
4	19	10	13	2	282.7433	525.9993	16.89051	0.032111	9.079178	-19.5757
3	20	10	13	2	366.5192	603.2767	15.9526	0.026443	9.691957	9.046607
2	21	10	13	2	460.7669	333.6315	7.346504	0.02202	10.146	33.57031
1	22	10	13	2	565.4865	478.9376	8.948602	0.018684	10.5657	54.89569
9	12	10	11	2	31.4159	460.9899	73.31731	0.159043	4.996487	104.0783
8	13	10	11	2	94.2478	549.4639	34.9819	0.063666	6.000337	109.8716
7	14	10	11	2	188.4955	523.9175	18.51038	0.035331	6.659667	115.1893
6	15	10	11	2	314.1592	597.004	13.56197	0.022717	7.136674	120.0671
5	16	10	11	2	471.2389	553.5449	8.981293	0.016225	7.645879	124.5757

4	17	9	12	2	209.4395	477.6402	18.86078	0.039487	8.270214	-79.6844
3	18	9	12	2	282.7433	547.9878	17.13378	0.031267	8.840445	-38.3765
2	19	9	12	2	366.5192	323.8428	8.245678	0.025462	9.332303	-4.79682
1	20	9	12	2	460.7669	464.6342	9.947552	0.021409	9.864749	29.66928
8	11	9	10	2	31.4159	503.9961	70.61031	0.140101	4.401393	-104.297
7	12	9	10	2	94.2478	501.3703	28.51836	0.056881	5.360896	-102.787
6	13	9	10	2	188.4955	540.4647	17.58737	0.032541	6.133871	-101.479
5	14	9	10	2	314.1592	521.621	11.18314	0.021439	6.735285	-100.402
4	15	9	10	2	471.2389	539.2844	8.24681	0.015292	7.206254	-99.5042
3	16	8	11	2	209.4395	563.1703	20.95826	0.037215	7.794245	-327.085
2	17	8	11	2	282.7433	303.4348	8.939001	0.029459	8.329442	-302.789
1	18	8	11	2	366.5192	430.5223	10.40478	0.024168	8.857954	-283.983
7	10	8	9	2	31.4159	454.4078	54.8055	0.120609	3.789021	-98.825
6	11	8	9	2	94.2478	496.1197	26.85963	0.054139	5.102517	-100.741
5	12	8	9	2	188.4955	499.0474	15.4281	0.030915	5.827362	-102.847
4	13	8	9	2	314.1592	493.3439	10.30829	0.020895	6.564263	-105.691
3	14	8	9	2	471.2389	530.8983	8.132043	0.015318	7.218152	-107.791
2	15	7	10	2	209.4395	327.2318	11.56216	0.035333	7.400167	-618.234
1	16	7	10	2	282.7433	438.9942	12.25842	0.027924	7.895291	-588.604
6	9	7	8	2	31.4159	490.9023	49.97915	0.101811	3.198478	-13.9602
5	10	7	8	2	94.2478	452.3215	21.28314	0.047053	4.434605	-12.0454
4	11	7	8	2	188.4955	455.6484	12.89997	0.028311	5.336504	-10.5324
3	12	7	8	2	314.1592	507.054	9.612904	0.018958	5.955937	-9.30492
2	13	7	8	2	471.2389	310.1636	4.331736	0.013966	6.581289	-8.27386
1	14	6	9	2	209.4395	419.7794	14.14846	0.033705	7.059056	-517.026
5	8	6	7	2	31.4159	543.262	47.80511	0.087996	2.764486	-62.3802

4	9	6	7	2	94.2478	451.4597	18.83129	0.041712	3.931241	-61.702
3	10	6	7	2	188.4955	460.421	11.94877	0.025952	4.891789	-61.2236
2	11	6	7	2	314.1592	295.3859	5.234773	0.017722	5.567466	-60.9986
1	12	6	7	2	471.2389	403.4706	5.130798	0.012717	5.992592	-60.832
4	7	5	6	2	31.4159	490.14	39.22421	0.080027	2.5141	78.12438
3	8	5	6	2	94.2478	553.1539	21.70642	0.039241	3.698364	82.85648
2	9	5	6	2	188.4955	292.8882	7.053707	0.024083	4.539586	86.56946
1	10	5	6	2	314.1592	373.2779	6.196697	0.016601	5.215281	89.58006
3	6	4	5	2	31.4159	544.3278	38.26098	0.07029	2.208234	-43.6433
2	7	4	5	2	94.2478	308.8316	10.85225	0.03514	3.311831	-37.5099
1	8	4	5	2	188.4955	432.9754	9.450599	0.021827	4.114309	-33.3412
2	5	3	4	2	31.4159	307.3298	19.40247	0.063132	1.983344	-130.147
1	6	3	4	2	94.2478	426.1652	13.24234	0.031073	2.92858	-130.024
1	4	2	3	2	31.4159	395.644	25.38096	0.064151	2.015361	87.12135

LINTASAN 2

A(C1)	B(C2)	M(P1)	N(P2)	Stacking	K	I(mA)	V(mV)	R(Ohm)	R0	SP
57	60	58	59	2	31.4159	421.6641	54.69048	0.129702	4.074569	-2.0436
56	59	57	58	2	31.4159	402.347	38.76202	0.09634	3.026558	-576.415
55	60	57	58	2	94.2478	446.3607	21.73341	0.04869	4.588948	-465.232
55	58	56	57	2	31.4159	548.0632	59.69525	0.10892	3.421834	10.1666
54	59	56	57	2	94.2478	342.2851	16.63795	0.048608	4.581311	28.06324
53	60	56	57	2	188.4955	418.9593	12.60622	0.030089	5.671707	37.65041
54	57	55	56	2	31.4159	425.208	54.86166	0.129023	4.053419	-210.643
53	58	55	56	2	94.2478	508.2443	27.96791	0.055028	5.186306	-209.336
52	59	55	56	2	188.4955	386.0661	11.66147	0.030206	5.693681	-210.465
51	60	55	56	2	314.1592	438.3645	9.326445	0.021276	6.683908	-212.546
53	56	54	55	2	31.4159	515.2854	66.91727	0.129864	4.079808	9.036894
52	57	54	55	2	94.2478	498.8764	27.85259	0.055831	5.261919	48.2988
51	58	54	55	2	188.4955	536.6288	17.29639	0.032232	6.075522	86.2816
50	59	54	55	2	314.1592	390.8862	7.86501	0.020121	6.32123	108.8688
49	60	54	55	2	471.2389	425.7685	6.47633	0.015211	7.167987	128.3283
52	55	53	54	2	31.4159	532.2029	81.34958	0.152854	4.802069	-172.513
51	56	53	54	2	94.2478	544.1246	35.00363	0.06433	6.062962	-182.823
50	57	53	54	2	188.4955	505.6392	18.47291	0.036534	6.886442	-193.085
49	58	53	54	2	314.1592	518.4433	12.47877	0.02407	7.561702	-202.639
48	59	53	54	2	471.2389	381.2882	6.3903	0.01676	7.89788	-210.896
47	60	52	55	2	209.4395	411.2991	16.89555	0.041078	8.603465	-319.295

51	54	52	53	2	31.4159	439.1834	73.4213	0.167177	5.251829	-103.422
50	55	52	53	2	94.2478	540.0492	36.68343	0.067926	6.401887	-99.7811
49	56	52	53	2	188.4955	526.1904	20.11122	0.03822	7.204361	-96.879
48	57	52	53	2	314.1592	491.2862	12.43357	0.025308	7.95081	-93.9865
47	58	52	53	2	471.2389	498.2645	9.286342	0.018637	8.782653	-92.3214
46	59	51	54	2	209.4395	379.766	16.28415	0.042879	8.980691	-812.612
45	60	51	54	2	282.7433	291.5242	10.0213	0.034376	9.719475	-780.774
50	53	51	52	2	31.4159	502.6357	90.46429	0.17998	5.654236	-43.859
49	54	51	52	2	94.2478	426.6404	32.80838	0.076899	7.247638	-42.8585
48	55	51	52	2	188.4955	523.4543	21.55766	0.041183	7.762908	-41.9763
47	56	51	52	2	314.1592	505.1069	13.90109	0.027521	8.645988	-41.226
46	57	51	52	2	471.2389	487.7598	9.636768	0.019757	9.310314	-40.5492
45	58	50	53	2	209.4395	335.2711	14.58147	0.043492	9.108853	-282.377
44	59	50	53	2	282.7433	161.1429	5.230742	0.03246	9.177934	-253.661
43	60	50	53	2	366.5192	334.5465	9.123503	0.027271	9.995441	-231.312
49	52	50	51	2	31.4159	507.0515	80.90055	0.159551	5.012448	67.78105
48	53	50	51	2	94.2478	487.6468	33.84704	0.069409	6.541645	68.84791
47	54	50	51	2	188.4955	410.0679	16.83923	0.041064	7.740419	69.72931
46	55	50	51	2	314.1592	520.1394	13.02877	0.025049	7.869242	70.42362
45	56	50	51	2	471.2389	338.9521	5.938958	0.017522	8.256822	70.97416
44	57	49	52	2	209.4395	180.6964	7.649617	0.042334	8.866417	-208.317
43	58	49	52	2	282.7433	392.5821	13.19653	0.033615	9.504335	-176.063
42	59	49	52	2	366.5192	306.7752	8.143145	0.026544	9.728987	-151.987
41	60	49	52	2	460.7669	339.7698	7.739912	0.02278	10.49621	-133.498
48	51	49	50	2	31.4159	515.5812	90.746	0.176007	5.529439	-85.7901
47	52	49	50	2	94.2478	485.4839	37.31231	0.076856	7.243514	-83.8823

46	53	49	50	2	188.4955	484.4288	20.90742	0.043159	8.135248	-82.1306
45	54	49	50	2	314.1592	292.5576	8.153742	0.027871	8.755749	-80.0971
44	55	49	50	2	471.2389	185.6921	3.357095	0.018079	8.519426	-78.766
43	56	48	51	2	209.4395	397.5737	16.37883	0.041197	8.628273	-160.24
42	57	48	51	2	282.7433	377.5457	12.13109	0.032131	9.084947	-127.91
41	58	48	51	2	366.5192	400.4232	10.54395	0.026332	9.651193	-102.088
40	59	48	51	2	460.7669	331.5361	7.101871	0.021421	9.870123	-81.2226
39	60	48	51	2	565.4865	437.5351	8.204071	0.018751	10.60323	-64.1871
47	50	48	49	2	31.4159	492.773	81.89144	0.166185	5.220863	38.35883
46	51	48	49	2	94.2478	511.4879	38.72723	0.075715	7.135959	38.62704
45	52	48	49	2	188.4955	328.7265	13.49927	0.041065	7.740638	38.85306
44	53	48	49	2	314.1592	181.3551	4.561087	0.02515	7.901055	39.02497
43	54	48	49	2	471.2389	332.7067	6.120892	0.018397	8.669503	39.14341
42	55	47	50	2	209.4395	397.5172	16.71031	0.042037	8.804152	-301.384
41	56	47	50	2	282.7433	405.4202	13.36295	0.032961	9.319428	-283.303
40	57	47	50	2	366.5192	414.9805	11.05078	0.02663	9.760275	-268.426
39	58	47	50	2	460.7669	537.2249	12.07925	0.022485	10.36013	-255.881
38	59	47	50	2	565.4865	355.9312	6.560688	0.018432	10.42329	-245.113
37	60	46	51	2	395.8407	377.8646	10.60864	0.028075	11.11332	33.97315
46	49	47	48	2	31.4159	496.2534	89.38155	0.180113	5.658411	-66.1483
45	50	47	48	2	94.2478	332.7823	25.61786	0.076981	7.255272	-65.5303
44	51	47	48	2	188.4955	185.2898	7.878153	0.042518	8.014335	-64.9648
43	52	47	48	2	314.1592	383.7999	10.34052	0.026942	8.464223	-64.4774
42	53	47	48	2	471.2389	376.0654	7.052384	0.018753	8.837181	-64.0326
41	54	46	49	2	209.4395	336.6178	15.73961	0.046758	9.792984	-73.3855
40	55	46	49	2	282.7433	438.2922	14.91365	0.034027	9.620846	-24.338

39	56	46	49	2	366.5192	546.3053	15.14714	0.027727	10.16229	3.703344
38	57	46	49	2	460.7669	451.7458	10.25172	0.022694	10.45645	26.95049
37	58	46	49	2	565.4865	451.7276	8.750919	0.019372	10.95467	46.54304
36	59	45	50	2	395.8407	303.2898	8.601854	0.028362	11.22675	13.89636
35	60	45	50	2	471.2389	338.898	8.539685	0.025198	11.87447	27.74668
45	48	46	47	2	31.4159	325.9969	63.71936	0.19546	6.140562	200.4669
44	49	46	47	2	94.2478	183.2595	14.93607	0.081502	7.681329	203.7886
43	50	46	47	2	188.4955	388.9681	17.91934	0.046069	8.683791	206.8707
42	51	46	47	2	314.1592	392.7494	11.88737	0.030267	9.508682	209.7444
41	52	46	47	2	471.2389	390.8762	8.167549	0.020895	9.846768	212.6673
40	53	45	48	2	209.4395	411.3277	20.12891	0.048936	10.24923	-40.7421
39	54	45	48	2	282.7433	429.2617	17.31147	0.040328	11.40255	1.461031
38	55	45	48	2	366.5192	480.1331	14.24665	0.029672	10.87547	25.64093
37	56	45	48	2	460.7669	458.5408	11.30857	0.024662	11.36347	46.13208
36	57	45	48	2	565.4865	371.9812	7.597055	0.020423	11.54897	63.78388
35	58	44	49	2	395.8407	398.6128	11.93918	0.029952	11.85614	162.7076
34	59	44	49	2	471.2389	153.1913	4.531501	0.029581	13.9398	25.94877
33	60	44	49	2	552.9205	410.8448	9.398477	0.022876	12.64868	183.0899
44	47	45	46	2	31.4159	180.2309	37.60584	0.208654	6.554954	54.94852
43	48	45	46	2	94.2478	379.4947	33.8657	0.089239	8.410577	57.58605
42	49	45	46	2	188.4955	383.4812	19.69443	0.051357	9.680562	60.04588
41	50	45	46	2	314.1592	395.8905	13.17569	0.033281	10.45558	62.46622
40	51	45	46	2	471.2389	430.7683	10.22918	0.023746	11.19021	64.65178
39	52	44	47	2	209.4395	522.7508	27.63905	0.052872	11.07356	146.4305
38	53	44	47	2	282.7433	448.5843	18.01029	0.040149	11.35192	167.8918
37	54	44	47	2	366.5192	370.8726	12.58075	0.033922	12.43314	184.3369

36	55	44	47	2	460.7669	388.4529	9.947884	0.025609	11.79976	197.3742
35	56	44	47	2	565.4865	403.7831	8.764717	0.021707	12.27473	207.9989
34	57	43	48	2	395.8407	167.6212	5.904859	0.035227	13.94359	147.3488
33	58	43	48	2	471.2389	500.2854	13.15687	0.026299	12.39306	9.659799
32	59	43	48	2	552.9205	300.4213	6.795114	0.022619	12.50626	25.13945
31	60	43	48	2	640.885	376.4072	7.77164	0.020647	13.23228	39.18735
43	46	44	45	2	31.4159	377.6242	80.09657	0.212107	6.663518	-65.8569
42	47	44	45	2	94.2478	371.2905	33.94787	0.091432	8.617275	-64.7479
41	48	44	45	2	188.4955	385.9498	19.95989	0.051716	9.74829	-63.7093
40	49	44	45	2	314.1592	419.2946	14.30015	0.034105	10.71449	-62.4854
39	50	44	45	2	471.2389	530.745	12.74883	0.024021	11.31946	-61.6687
38	51	43	46	2	209.4395	471.9373	25.20806	0.053414	11.18701	-223.912
37	52	43	46	2	282.7433	442.9865	17.75999	0.040091	11.33558	-204.329
36	53	43	46	2	366.5192	366.5533	11.4717	0.031296	11.47063	-187.962
35	54	43	46	2	460.7669	333.7242	9.064236	0.027161	12.51482	-173.916
34	55	43	46	2	565.4865	169.0309	4.26467	0.02523	14.26753	61.22675
33	56	42	47	2	395.8407	504.3836	15.40696	0.030546	12.09135	138.4337
32	57	42	47	2	471.2389	353.3215	9.304626	0.026335	12.41002	156.2201
31	58	42	47	2	552.9205	450.0301	10.6084	0.023573	13.03379	171.7203
30	59	42	47	2	640.885	464.531	9.573261	0.020608	13.20767	186.5027
29	60	42	47	2	735.1325	489.4785	9.102255	0.018596	13.66989	199.509
42	45	43	44	2	31.4159	270.7647	54.96016	0.202981	6.376843	-18.5209
41	46	43	44	2	94.2478	384.5396	32.85778	0.085447	8.053183	-15.8257
40	47	43	44	2	188.4955	404.0521	19.25508	0.047655	8.982751	-13.2482
39	48	43	44	2	314.1592	514.0993	15.72533	0.030588	9.60955	-10.8104
38	49	43	44	2	471.2389	457.8921	9.764263	0.021324	10.04888	-8.44445

37	50	42	45	2	209.4395	449.5335	23.13256	0.051459	10.77755	-410.474
36	51	42	45	2	282.7433	382.5696	14.89433	0.038932	11.00786	-371.141
35	52	42	45	2	366.5192	388.5038	11.82449	0.030436	11.15537	-341.849
34	53	42	45	2	460.7669	164.0954	4.634204	0.028241	13.01232	-1.30709
33	54	42	45	2	565.4865	397.9538	8.876828	0.022306	12.61382	-301.432
32	55	41	46	2	395.8407	371.4727	11.31961	0.030472	12.06183	-252.518
31	56	41	46	2	471.2389	456.9802	12.28901	0.026892	12.67245	-239.054
30	57	41	46	2	552.9205	635.8111	14.96164	0.023532	13.01112	-224.251
29	58	41	46	2	640.885	620.3439	13.0585	0.02105	13.49089	-214.68
28	59	41	46	2	735.1325	434.3802	7.922119	0.018238	13.40718	-205.93
27	60	40	47	2	583.4385	469.6658	10.97758	0.023373	13.63682	144.3602
41	44	42	43	2	31.4159	163.5173	32.58841	0.199296	6.261085	-48.5817
40	45	42	43	2	94.2478	287.6748	25.78109	0.089619	8.44638	-47.3673
39	46	42	43	2	188.4955	511.4816	25.29892	0.049462	9.323373	-46.2848
38	47	42	43	2	314.1592	440.1777	13.54829	0.030779	9.669556	-45.3186
37	48	42	43	2	471.2389	438.4988	9.260794	0.021119	9.952253	-44.4659
36	49	41	44	2	209.4395	373.8289	18.38505	0.04918	10.30031	-305.684
35	50	41	44	2	282.7433	393.4839	14.87759	0.03781	10.6905	-274.836
34	51	41	44	2	366.5192	168.7714	6.020236	0.035671	13.07463	10.45251
33	52	41	44	2	460.7669	481.9367	11.62453	0.02412	11.11402	-226.713
32	53	41	44	2	565.4865	354.11	7.048897	0.019906	11.25639	-212.051
31	54	40	45	2	395.8407	367.7177	11.9151	0.032403	12.82625	-487.294
30	55	40	45	2	471.2389	692.8585	18.08659	0.026104	12.30137	-467.979
29	56	40	45	2	552.9205	632.7916	14.52819	0.022959	12.69443	-450.709
28	57	40	45	2	640.885	581.5193	11.66297	0.020056	12.85364	-435.116
27	58	40	45	2	735.1325	584.0327	10.62569	0.018194	13.37475	-420.914

26	59	39	46	2	583.4385	421.7799	9.648834	0.022876	13.34704	-366.794
25	60	39	46	2	659.7345	493.3882	10.42663	0.021133	13.94202	-357.486
40	43	41	42	2	31.4159	328.7239	68.69409	0.208972	6.565048	-43.0131
39	44	41	42	2	94.2478	182.7845	17.67448	0.096696	9.113357	-41.0167
38	45	41	42	2	188.4955	306.2208	16.3656	0.053444	10.07392	-39.194
37	46	41	42	2	314.1592	436.9211	14.44194	0.033054	10.38417	-37.1013
36	47	41	42	2	471.2389	361.4353	7.92351	0.021922	10.33066	-35.6803
35	48	40	43	2	209.4395	383.263	18.59057	0.048506	10.15907	-389.781
34	49	40	43	2	282.7433	167.9459	7.353363	0.043784	12.37969	99.39907
33	50	40	43	2	366.5192	486.6765	14.41736	0.029624	10.85802	-343.249
32	51	40	43	2	460.7669	366.8365	8.821808	0.024048	11.07987	-326.479
31	52	40	43	2	565.4865	438.4166	8.975586	0.020473	11.57706	-312.328
30	53	39	44	2	395.8407	628.746	18.78674	0.02988	11.82762	-339.724
29	54	39	44	2	471.2389	444.8882	12.77687	0.028719	13.53843	13.71814
28	55	39	44	2	552.9205	629.6924	13.85203	0.021998	12.16323	-318.698
27	56	39	44	2	640.885	595.9112	11.74489	0.019709	12.63128	-309.154
26	57	39	44	2	735.1325	560.7219	9.814915	0.017504	12.86779	-300.589
25	58	38	45	2	583.4385	620.9928	14.43776	0.023249	13.56465	-484.027
24	59	38	45	2	659.7345	432.4892	8.95098	0.020696	13.65419	-35.448
23	60	38	45	2	740.5185	165.588	3.315872	0.020025	14.82863	-32.5301
39	42	40	41	2	31.4159	391.7513	79.06255	0.201818	6.340306	-68.6584
38	43	40	41	2	94.2478	354.5201	31.72989	0.089501	8.435267	-66.3066
37	44	40	41	2	188.4955	172.9318	8.619893	0.049846	9.395678	-64.0626
36	45	40	41	2	314.1592	266.5208	8.262129	0.031	9.738915	-61.9159
35	46	40	41	2	471.2389	383.3266	8.064209	0.021037	9.91366	-59.8888
34	47	39	42	2	209.4395	171.2766	9.674886	0.056487	11.82939	-102.501

33	48	39	42	2	282.7433	470.5167	17.81118	0.037855	10.70324	-391.25
32	49	39	42	2	366.5192	354.4888	10.56417	0.029801	10.92274	-370.462
31	50	39	42	2	460.7669	444.7184	11.13265	0.025033	11.53439	-354.039
30	51	39	42	2	565.4865	676.2787	14.31023	0.02116	11.96586	-337.25
29	52	38	43	2	395.8407	601.0688	17.99967	0.029946	11.85393	-386.14
28	53	38	43	2	471.2389	575.6683	14.70816	0.02555	12.04005	-371.464
27	54	38	43	2	552.9205	451.6726	10.9653	0.024277	13.42302	-358.763
26	55	38	43	2	640.885	604.159	11.80935	0.019547	12.52725	-347.584
25	56	38	43	2	735.1325	633.6953	11.25888	0.017767	13.0611	-337.608
24	57	37	44	2	583.4385	583.7568	13.53516	0.023186	13.5277	-778.7
23	58	37	44	2	659.7345	209.9119	4.465737	0.021274	14.03542	-778.117
22	59	37	44	2	740.5185	415.2512	7.890988	0.019003	14.07196	-806.677
21	60	37	44	2	825.79	432.9139	7.616011	0.017592	14.52766	-808.33
38	41	39	40	2	31.4159	359.2251	77.64	0.216132	6.789982	-101.916
37	42	39	40	2	94.2478	344.5464	31.76807	0.092203	8.689891	-101.279
36	43	39	40	2	188.4955	300.0423	15.11356	0.050371	9.494781	-100.568
35	44	39	40	2	314.1592	163.6812	5.254926	0.032105	10.08597	-100.118
34	45	39	40	2	471.2389	142.4446	3.617102	0.025393	11.96601	-143.945
33	46	38	41	2	209.4395	469.4378	23.3783	0.049801	10.43023	-388.289
32	47	38	41	2	282.7433	340.8784	12.62804	0.037046	10.47434	-359.949
31	48	38	41	2	366.5192	431.9057	13.10101	0.030333	11.11763	-337.912
30	49	38	41	2	460.7669	648.3599	16.32839	0.025184	11.60404	-319.981
29	50	38	41	2	565.4865	611.3519	12.75552	0.020864	11.79858	-304.917
28	51	37	42	2	395.8407	614.7182	18.66853	0.030369	12.02148	-819.106
27	52	37	42	2	471.2389	566.4358	14.82259	0.026168	12.33172	-816.023
26	53	37	42	2	552.9205	554.1619	13.17782	0.02378	13.14829	-812.287

25	54	37	42	2	640.885	426.4491	10.16706	0.023841	15.27947	-871.355
24	55	37	42	2	735.1325	631.0137	11.21785	0.017777	13.06873	-805.35
23	56	36	43	2	583.4385	205.3309	4.869677	0.023716	13.83697	-396.95
22	57	36	43	2	659.7345	557.0724	11.86159	0.021293	14.04747	-388.105
21	58	36	43	2	740.5185	532.0389	10.4962	0.019728	14.60912	-380.224
20	59	36	43	2	825.79	415.1631	7.286384	0.017551	14.49315	-373.101
19	60	36	43	2	915.55	467.0742	7.765446	0.016626	15.22167	-366.617
37	40	38	39	2	31.4159	372.2271	81.22003	0.2182	6.85496	7.170193
36	41	38	39	2	94.2478	302.9369	28.49894	0.094075	8.866417	9.068685
35	42	38	39	2	188.4955	308.7672	15.82449	0.051251	9.660504	10.86265
34	43	38	39	2	314.1592	153.1011	5.711154	0.037303	11.71907	-79.3126
33	44	38	39	2	471.2389	178.5492	4.035786	0.022603	10.65149	-59.3768
32	45	37	40	2	209.4395	254.6727	13.44162	0.05278	11.05431	-783.899
31	46	37	40	2	282.7433	432.6327	17.84515	0.041248	11.66262	-769.846
30	47	37	40	2	366.5192	613.8674	19.79095	0.03224	11.8159	-764.049
29	48	37	40	2	460.7669	589.0419	15.75878	0.026753	12.32704	-759.044
28	49	37	40	2	565.4865	592.0989	13.38915	0.022613	12.78741	-754.625
27	50	36	41	2	395.8407	576.2209	17.84651	0.030972	12.25985	-398.556
26	51	36	41	2	471.2389	590.3212	15.72366	0.026636	12.55184	-384.84
25	52	36	41	2	552.9205	601.0177	13.95237	0.023215	12.83584	-373.072
24	53	36	41	2	640.885	575.708	11.81189	0.020517	13.14915	-362.788
23	54	36	41	2	735.1325	179.2646	3.487077	0.019452	14.30014	-353.723
22	55	35	42	2	583.4385	596.2372	14.20038	0.023817	13.89556	86.78628
21	56	35	42	2	659.7345	542.1367	11.80676	0.021778	14.36782	-352.101
20	57	35	42	2	740.5185	551.0406	10.89633	0.019774	14.64303	-343.055
19	58	35	42	2	825.79	581.1859	10.67564	0.018369	15.1687	-332.708

18	59	35	42	2	915.55	408.9701	6.734375	0.016467	15.07602	-325.758
17	60	34	43	2	771.4355	459.1559	9.1337	0.019892	15.34569	-441.548
36	39	37	38	2	31.4159	378.8614	89.04392	0.23503	7.38371	-568.485
35	40	37	38	2	94.2478	330.206	32.85331	0.099493	9.377033	-571.739
34	41	37	38	2	188.4955	133.1324	8.24782	0.061952	11.67767	-864.056
33	42	37	38	2	314.1592	364.0163	11.9369	0.032792	10.30205	-810.168
32	43	37	38	2	471.2389	285.5115	7.112646	0.024912	11.74304	-580.25
31	44	36	39	2	209.4395	172.2909	9.50089	0.055144	11.54943	-415.889
30	45	36	39	2	282.7433	385.8735	16.28004	0.04219	11.92897	-382.552
29	46	36	39	2	366.5192	588.1298	19.18039	0.032613	11.95309	-355.566
28	47	36	39	2	460.7669	562.5068	14.61921	0.025989	11.97511	-334.515
27	48	36	39	2	565.4865	556.5714	12.18874	0.0219	12.38395	-313.593
26	49	35	40	2	395.8407	569.5488	17.80694	0.031265	12.37598	-382.59
25	50	35	40	2	471.2389	611.9777	16.68664	0.027267	12.84917	-367.208
24	51	35	40	2	552.9205	615.075	14.67814	0.023864	13.19494	-353.752
23	52	35	40	2	640.885	202.9126	4.456383	0.021962	14.07532	-341.8
22	53	35	40	2	735.1325	549.7355	10.3767	0.018876	13.87622	-331.077
21	54	34	41	2	583.4385	417.4319	10.91209	0.026141	15.25187	-487.389
20	55	34	41	2	659.7345	590.6724	12.62809	0.021379	14.10467	-476.497
19	56	34	41	2	740.5185	592.7952	11.8399	0.019973	14.79037	-466.473
18	57	34	41	2	825.79	540.8814	9.925241	0.01835	15.15334	-457.223
17	58	34	41	2	915.55	569.3743	9.649362	0.016947	15.51611	-448.103
16	59	33	42	2	771.4355	409.2076	8.514927	0.020808	16.05397	-331.684
15	60	33	42	2	848.23	484.8993	9.361132	0.019305	16.36703	-323.43
35	38	36	37	2	31.4159	356.6804	85.39018	0.239402	7.521051	493.8776
34	39	36	37	2	94.2478	170.7715	18.07662	0.105853	9.97554	456.8391

33	40	36	37	2	188.4955	387.5036	20.83749	0.053774	10.13614	865.82
32	41	36	37	2	314.1592	286.5244	9.494348	0.033136	10.41001	501.3567
31	42	36	37	2	471.2389	340.5533	8.316636	0.024421	11.50808	502.8612
30	43	35	38	2	209.4395	463.1199	26.01664	0.056177	11.76567	-431.384
29	44	35	38	2	282.7433	196.1152	8.227601	0.041953	11.86192	-394.836
28	45	35	38	2	366.5192	364.2154	11.88043	0.032619	11.95558	-367.104
27	46	35	38	2	460.7669	555.7707	14.74142	0.026524	12.2215	-344.95
26	47	35	38	2	565.4865	542.0969	11.796	0.02176	12.30498	-325.065
25	48	34	39	2	395.8407	589.8001	18.8147	0.0319	12.62726	-464.827
24	49	34	39	2	471.2389	592.7669	16.28762	0.027477	12.94842	-439.198
23	50	34	39	2	552.9205	200.227	5.028862	0.025116	13.88704	-423.625
22	51	34	39	2	640.885	584.7158	12.63912	0.021616	13.85334	-410.037
21	52	34	39	2	735.1325	516.9941	9.981037	0.019306	14.19239	-397.802
20	53	33	40	2	583.4385	542.9408	12.91727	0.023791	13.88057	-359.349
19	54	33	40	2	659.7345	404.5274	10.4012	0.025712	16.97014	-162.705
18	55	33	40	2	740.5185	578.9099	11.33903	0.019587	14.50466	-341.007
17	56	33	40	2	825.79	580.8914	11.11662	0.019137	15.80325	-332.902
16	57	33	40	2	915.55	541.7191	9.668822	0.017848	16.34061	-325.537
15	58	32	41	2	771.4355	614.9388	12.80149	0.020817	16.05927	-349.991
14	59	32	41	2	848.23	406.5185	7.666523	0.018859	15.9961	-81.9331
13	60	32	41	2	928.515	472.9298	8.309038	0.017569	16.31285	-81.9906
34	37	35	36	2	31.4159	163.4496	47.39447	0.289964	9.109236	189.0874
33	38	35	36	2	94.2478	433.9797	42.29714	0.097463	9.185893	11.28429
32	39	35	36	2	188.4955	354.1929	18.57204	0.052435	9.883481	13.10988
31	40	35	36	2	314.1592	368.0971	12.49943	0.033957	10.66787	14.85594
30	41	35	36	2	471.2389	471.548	11.18966	0.02373	11.18232	16.51136

29	42	34	37	2	209.4395	435.7769	23.38214	0.053656	11.23775	4.4687
28	43	34	37	2	282.7433	433.1462	17.48622	0.04037	11.41474	81.11557
27	44	34	37	2	366.5192	192.323	6.166171	0.032062	11.75248	148.267
26	45	34	37	2	460.7669	355.3792	9.031545	0.025414	11.70985	205.5202
25	46	34	37	2	565.4865	588.7881	12.60204	0.021403	12.1034	250.6487
24	47	33	38	2	395.8407	562.8411	17.25284	0.030653	12.13417	-398.095
23	48	33	38	2	471.2389	193.9346	5.264844	0.027148	12.79471	-379.288
22	49	33	38	2	552.9205	565.0528	14.313	0.02533	14.00578	-359.269
21	50	33	38	2	640.885	525.5036	12.47381	0.023737	15.2127	-346.794
20	51	33	38	2	735.1325	577.1971	11.13952	0.019299	14.1876	-335.866
19	52	32	39	2	583.4385	566.4969	14.41977	0.025454	14.851	-15.3867
18	53	32	39	2	659.7345	533.2665	12.12699	0.022741	15.00295	-15.5044
17	54	32	39	2	740.5185	438.7027	9.062796	0.020658	15.29852	-323.901
16	55	32	39	2	825.79	579.6318	11.52873	0.01989	16.42447	-315.279
15	56	32	39	2	915.55	627.0678	10.9563	0.017472	15.99674	-59.6437
14	57	31	40	2	771.4355	538.4021	11.06567	0.020553	15.85513	-400.906
13	58	31	40	2	848.23	598.7607	11.47481	0.019164	16.2557	-393.689
12	59	31	40	2	928.515	446.305	7.749383	0.017363	16.1222	-386.412
11	60	31	40	2	1012.291	509.1891	8.431238	0.016558	16.76168	-379.642
33	36	34	35	2	31.4159	355.6521	93.72784	0.263538	8.279299	-160.019
32	37	34	35	2	94.2478	317.7227	31.63406	0.099565	9.383742	-158.319
31	38	34	35	2	188.4955	401.0483	22.35362	0.055738	10.50636	-157.043
30	39	34	35	2	314.1592	678.9967	23.86111	0.035142	11.04011	-155.41
29	40	34	35	2	471.2389	480.9108	11.04587	0.022969	10.82372	-153.86
28	41	33	36	2	209.4395	440.1404	22.16238	0.050353	10.54578	-298.639
27	42	33	36	2	282.7433	416.9115	16.82682	0.040361	11.41178	-265.857

26	43	33	36	2	366.5192	421.6833	12.95987	0.030734	11.26472	-1.31462
25	44	33	36	2	460.7669	197.7225	5.236519	0.026484	12.20298	-1.67323
24	45	33	36	2	565.4865	363.9393	7.744539	0.02128	12.03349	-203.761
23	46	32	37	2	395.8407	180.2051	5.103828	0.028322	11.21113	790.2241
22	47	32	37	2	471.2389	541.4081	15.02347	0.027749	13.07674	795.7831
21	48	32	37	2	552.9205	509.6756	12.54863	0.024621	13.60919	448.8945
20	49	32	37	2	640.885	560.5242	12.43486	0.022184	14.2184	664.2275
19	50	32	37	2	735.1325	575.7924	11.32648	0.019671	14.46095	782.3177
18	51	31	38	2	583.4385	566.0302	13.98628	0.024709	14.41638	-455.534
17	52	31	38	2	659.7345	552.4876	12.20828	0.022097	14.5781	-444.492
16	53	31	38	2	740.5185	534.3622	10.87449	0.02035	15.0698	-434.306
15	54	31	38	2	825.79	463.8188	9.358408	0.020177	16.66301	-425.166
14	55	31	38	2	915.55	575.1027	9.844999	0.017119	15.67303	-161.506
13	56	30	39	2	771.4355	611.8698	12.64632	0.020668	15.94427	-786.782
12	57	30	39	2	848.23	608.1198	11.64551	0.01915	16.2436	-781.587
11	58	30	39	2	928.515	647.3652	11.67446	0.018034	16.74465	-776.282
10	59	30	39	2	1012.291	430.1896	7.108315	0.016524	16.72681	-771.363
9	60	30	39	2	1099.557	492.1994	7.704049	0.015652	17.2106	-765.618
32	35	33	34	2	31.4159	288.9452	73.67731	0.254987	8.012459	91.26045
31	36	33	34	2	94.2478	332.9874	37.10589	0.111433	10.50219	93.28021
30	37	33	34	2	188.4955	550.4944	30.63788	0.055655	10.49077	93.09717
29	38	33	34	2	314.1592	538.398	17.57344	0.03264	10.25389	94.0621
28	39	33	34	2	471.2389	616.0616	13.46121	0.02185	10.29661	94.43205
27	40	32	35	2	209.4395	455.7176	23.62219	0.051835	10.85626	-26.8768
26	41	32	35	2	282.7433	430.1037	17.02052	0.039573	11.18903	-27.1334
25	42	32	35	2	366.5192	439.9692	13.78345	0.031328	11.48239	-27.5193

24	43	32	35	2	460.7669	435.0011	11.22687	0.025809	11.89204	-26.4446
23	44	32	35	2	565.4865	106.3955	2.178015	0.020471	11.57652	-27.0485
22	45	31	36	2	395.8407	353.5616	11.01187	0.031146	12.32869	-317.827
21	46	31	36	2	471.2389	508.717	13.97292	0.027467	12.94349	-296.926
20	47	31	36	2	552.9205	531.5079	12.576	0.023661	13.08263	-284.168
19	48	31	36	2	640.885	555.1606	11.80619	0.021266	13.62915	-272.912
18	49	31	36	2	735.1325	546.2793	10.33406	0.018917	13.90666	-262.866
17	50	30	37	2	583.4385	561.7396	14.09933	0.025099	14.64397	65.80414
16	51	30	37	2	659.7345	566.7632	13.9938	0.024691	16.28991	73.38824
15	52	30	37	2	740.5185	596.0411	12.44975	0.020887	15.46748	79.60856
14	53	30	37	2	825.79	531.1271	10.221	0.019244	15.89077	85.64282
13	54	30	37	2	915.55	453.2893	8.229267	0.018155	16.63228	90.50577
12	55	29	38	2	771.4355	656.8533	13.78484	0.020986	16.18953	-763.601
11	56	29	38	2	848.23	663.0415	13.16523	0.019856	16.84229	-757.969
10	57	29	38	2	928.515	584.3711	10.81349	0.018504	17.18167	-753.05
9	58	29	38	2	1012.291	620.0639	10.78586	0.017395	17.60856	-745.809
8	59	29	38	2	1099.557	439.0542	6.984392	0.015908	17.49163	-741.839
7	60	28	39	2	959.6135	498.878	9.370535	0.018783	18.02464	-763.08
31	34	32	33	2	31.4159	139.8623	50.05277	0.357872	11.24303	50.64985
30	35	32	33	2	94.2478	469.5176	56.98253	0.121364	11.43829	-35.3623
29	36	32	33	2	188.4955	425.2232	24.04708	0.056552	10.65971	-33.8697
28	37	32	33	2	314.1592	509.6682	16.99877	0.033353	10.47783	-21.6902
27	38	32	33	2	471.2389	513.6176	11.33837	0.022076	10.40282	-21.6611
26	39	31	34	2	209.4395	591.1016	28.05122	0.047456	9.939215	-568.773
25	40	31	34	2	282.7433	479.5803	17.53784	0.036569	10.3397	-523.749
24	41	31	34	2	366.5192	440.3253	13.40584	0.030445	11.15882	-484.107

23	42	31	34	2	460.7669	162.7692	4.200569	0.025807	11.89097	-457.181
22	43	31	34	2	565.4865	419.7073	8.850691	0.021088	11.9249	-151.575
21	44	30	35	2	395.8407	186.8414	5.805842	0.031074	12.30011	-767.687
20	45	30	35	2	471.2389	350.7731	9.489552	0.027053	12.74854	-755.962
19	46	30	35	2	552.9205	554.1709	13.23187	0.023877	13.202	-746.007
18	47	30	35	2	640.885	522.0945	10.96777	0.021007	13.46317	-737.386
17	48	30	35	2	735.1325	543.8732	10.34999	0.01903	13.98969	-729.889
16	49	29	36	2	583.4385	546.9681	13.83456	0.025293	14.75703	-639.193
15	50	29	36	2	659.7345	606.5853	14.03551	0.023139	15.26527	-633.298
14	51	29	36	2	740.5185	563.2067	11.91269	0.021152	15.66297	-627.995
13	52	29	36	2	825.79	580.7946	11.1716	0.019235	15.88401	-623.173
12	53	29	36	2	915.55	598.7074	10.58063	0.017672	16.17997	-618.384
11	54	28	37	2	771.4355	479.731	11.84908	0.024699	19.05259	109.5552
10	55	28	37	2	848.23	630.1371	11.62812	0.018453	15.65264	114.2228
9	56	28	37	2	928.515	634.012	12.53386	0.019769	18.35603	115.901
8	57	28	37	2	1012.291	594.8448	10.84811	0.018237	18.46065	529.4293
7	58	28	37	2	1099.557	630.4194	10.39287	0.016486	18.12683	122.902
6	59	27	38	2	959.6135	441.8651	8.305573	0.018797	18.03743	-728.246
5	60	27	38	2	1036.725	503.2243	9.004524	0.017894	18.55083	-325.064
30	33	31	32	2	31.4159	593.7704	155.9831	0.262699	8.255009	-87.1972
29	34	31	32	2	94.2478	219.9519	24.77249	0.112627	10.62288	-85.2392
28	35	31	32	2	188.4955	438.4384	20.2057	0.046086	8.686836	-84.2314
27	36	31	32	2	314.1592	407.9172	11.09825	0.027207	8.54732	-85.47
26	37	31	32	2	471.2389	489.2261	9.142672	0.018688	8.806505	-154.94
25	38	30	33	2	209.4395	538.5394	24.50367	0.0455	9.529785	-766.155
24	39	30	33	2	282.7433	616.8787	22.38907	0.036294	10.26164	-733.65

23	40	30	33	2	366.5192	159.2497	4.77342	0.029974	10.9878	-190.715
22	41	30	33	2	460.7669	426.6963	10.15193	0.023792	10.96254	-192.442
21	42	30	33	2	565.4865	389.5704	7.987417	0.020503	11.59415	-691.122
20	43	29	34	2	395.8407	413.8278	13.22022	0.031946	12.64551	-818.765
19	44	29	34	2	471.2389	192.5477	5.433522	0.028219	13.29763	-803.444
18	45	29	34	2	552.9205	346.1463	8.648333	0.024985	13.81451	-789.656
17	46	29	34	2	640.885	542.5244	11.93731	0.022003	14.10156	-777.362
16	47	29	34	2	735.1325	522.9634	10.24517	0.019591	14.40149	-765.946
15	48	28	35	2	583.4385	585.4692	15.23166	0.026016	15.17878	-763.553
14	49	28	35	2	659.7345	543.3303	12.70004	0.023374	15.42096	-754.924
13	50	28	35	2	740.5185	590.8908	12.67803	0.021456	15.88839	-747.271
12	51	28	35	2	825.79	641.0258	12.59802	0.019653	16.22903	-738.769
11	52	28	35	2	915.55	627.7849	11.34081	0.018065	16.539	-733.263
10	53	27	36	2	771.4355	575.4688	12.60343	0.021901	16.89531	-653.791
9	54	27	36	2	848.23	462.433	10.13241	0.021911	18.58625	-649.166
8	55	27	36	2	928.515	641.4013	11.99292	0.018698	17.36136	-644.884
7	56	27	36	2	1012.291	643.1856	11.39048	0.017709	17.92714	-296.188
6	57	27	36	2	1099.557	600.1082	9.925459	0.016539	18.18603	-637.115
5	58	26	37	2	959.6135	635.6577	12.83822	0.020197	19.38066	163.0033
4	59	26	37	2	1036.725	431.5782	7.77271	0.01801	18.66977	227.6568
3	60	26	37	2	1116.693	496.1054	8.688272	0.017513	19.55578	167.6781
29	32	30	31	2	31.4159	398.9654	117.9681	0.295685	9.289388	-435.675
28	33	30	31	2	94.2478	552.1935	58.8428	0.106562	10.04371	-436.229
27	34	30	31	2	188.4955	219.9337	13.49833	0.061375	11.57721	-436.837
26	35	30	31	2	314.1592	426.0921	13.08894	0.030719	9.650526	-437.294
25	36	30	31	2	471.2389	434.4232	9.050407	0.020833	9.81737	-23.1217

24	37	29	32	2	209.4395	508.6272	22.42068	0.044081	9.2305	-638.199
23	38	29	32	2	282.7433	170.8253	6.816882	0.039906	11.28305	94.02728
22	39	29	32	2	366.5192	585.2896	16.99088	0.02903	10.63941	-608.85
21	40	29	32	2	460.7669	422.5112	10.78902	0.025535	11.7659	76.32858
20	41	29	32	2	565.4865	420.9731	9.043479	0.021482	12.14785	-589.143
19	42	28	33	2	395.8407	416.6573	13.52348	0.032457	12.84788	-757.604
18	43	28	33	2	471.2389	408.134	11.43748	0.028024	13.20611	-746.476
17	44	28	33	2	552.9205	191.4761	4.937518	0.025787	14.25787	-307.354
16	45	28	33	2	640.885	346.6057	7.796963	0.022495	14.41683	-726.376
15	46	28	33	2	735.1325	584.5062	11.97105	0.020481	15.05597	-716.539
14	47	27	34	2	583.4385	520.2894	13.58549	0.026111	15.23417	-832.05
13	48	27	34	2	659.7345	571.1003	13.4453	0.023543	15.53136	-821.842
12	49	27	34	2	740.5185	614.6193	12.79149	0.020812	15.41168	-812.341
11	50	27	34	2	825.79	638.8705	12.74409	0.019948	16.47267	-803.33
10	51	27	34	2	915.55	615.0359	10.88279	0.017695	16.20042	-795.574
9	52	26	35	2	771.4355	601.9904	13.332	0.022147	17.08454	-731.045
8	53	26	35	2	848.23	586.1369	12.06255	0.02058	17.45633	-725.293
7	54	26	35	2	928.515	433.0156	9.416505	0.021746	20.19885	-620.481
6	55	26	35	2	1012.291	647.0757	11.39507	0.01761	17.82649	-715.175
5	56	26	35	2	1099.557	651.0368	10.8983	0.01674	18.40649	-710.289
4	57	25	36	2	959.6135	581.9954	11.30439	0.019424	18.63905	-651.684
3	58	25	36	2	1036.725	626.7863	11.52397	0.018386	19.06103	-646.022
2	59	25	36	2	1116.693	429.7496	7.327323	0.01705	19.03991	-642.28
1	60	25	36	2	1199.517	479.6554	7.814304	0.016291	19.54193	-638.722
28	31	29	30	2	31.4159	503.448	173.6157	0.344853	10.83388	39.86659
27	32	29	30	2	94.2478	393.5657	50.76202	0.12898	12.16305	40.03175

26	33	29	30	2	188.4955	520.3176	33.77911	0.06492	12.23416	40.22375
25	34	29	30	2	314.1592	193.1525	8.225715	0.042587	13.38103	3.699093
24	35	29	30	2	471.2389	441.9961	11.37955	0.025746	12.13242	208.924
23	36	28	31	2	209.4395	160.3455	8.813515	0.054966	11.51201	-711.662
22	37	28	31	2	282.7433	487.5093	19.80102	0.040617	11.4841	-682.971
21	38	28	31	2	366.5192	468.996	15.40076	0.032838	12.03566	-660.574
20	39	28	31	2	460.7669	578.0431	15.62603	0.027033	12.45576	-643.828
19	40	28	31	2	565.4865	455.8299	10.56991	0.023188	13.11266	-627.962
18	41	27	32	2	395.8407	414.6779	13.53308	0.032635	12.91836	-647.501
17	42	27	32	2	471.2389	409.3626	11.68929	0.028555	13.45616	-638.555
16	43	27	32	2	552.9205	408.2656	10.64921	0.026084	14.4226	-631.155
15	44	27	32	2	640.885	195.8611	4.404254	0.022487	14.41132	-624.579
14	45	27	32	2	735.1325	344.7163	7.148279	0.020737	15.24429	-618.725
13	46	26	33	2	583.4385	569.3339	15.18234	0.026667	15.55847	-721.495
12	47	26	33	2	659.7345	585.1544	14.25303	0.024358	16.06989	-714.845
11	48	26	33	2	740.5185	615.7759	13.18864	0.021418	15.86	-708.564
10	49	26	33	2	825.79	589.4631	11.92855	0.020236	16.71105	-702.925
9	50	26	33	2	915.55	612.0505	11.31069	0.01848	16.91917	-697.3
8	51	25	34	2	771.4355	627.4945	14.59843	0.023265	17.94671	-849.595
7	52	25	34	2	848.23	613.3576	12.57813	0.020507	17.39448	-837.585
6	53	25	34	2	928.515	591.5594	11.46391	0.019379	17.99341	-829.88
5	54	25	34	2	1012.291	467.0235	9.395287	0.020117	20.36287	-822.613
4	55	25	34	2	1099.557	625.3946	11.69946	0.018707	20.56978	75.53109
3	56	24	35	2	959.6135	641.0148	12.45187	0.019425	18.64073	-678.259
2	57	24	35	2	1036.725	579.9542	10.64364	0.018353	19.02648	-673.841
1	58	24	35	2	1116.693	600.7784	10.46097	0.017412	19.44424	-669.735

27	30	28	29	2	31.4159	756.4709	220.0232	0.290855	9.137502	-28.3002
26	31	28	29	2	94.2478	486.0728	50.86413	0.104643	9.862376	-28.0665
25	32	28	29	2	188.4955	401.2556	23.0909	0.057547	10.84644	-27.7969
24	33	28	29	2	314.1592	546.2959	18.55785	0.03397	10.67339	-27.5878
23	34	28	29	2	471.2389	120.925	3.111714	0.025733	12.12779	-27.4022
22	35	27	30	2	209.4395	424.2035	23.36017	0.055068	11.5335	-55.5199
21	36	27	30	2	282.7433	380.9432	16.17374	0.042457	12.00447	-164.817
20	37	27	30	2	366.5192	481.9888	16.20929	0.03363	12.32599	-140.631
19	38	27	30	2	460.7669	508.4854	14.19647	0.027919	12.86422	-119.96
18	39	27	30	2	565.4865	565.8811	13.45587	0.023779	13.4465	-102.064
17	40	26	31	2	395.8407	446.6834	14.99962	0.03358	13.29232	-699.026
16	41	26	31	2	471.2389	417.7703	12.34683	0.029554	13.92705	-358.131
15	42	26	31	2	552.9205	433.23	11.33395	0.026162	14.46524	-669.961
14	43	26	31	2	640.885	405.9159	9.63149	0.023728	15.20684	-659.079
13	44	26	31	2	735.1325	194.4919	4.30485	0.022134	16.27213	-648.928
12	45	25	32	2	583.4385	372.3233	10.23873	0.0275	16.04423	-626.499
11	46	25	32	2	659.7345	614.1525	15.92622	0.025932	17.10832	-621.096
10	47	25	32	2	740.5185	563.6705	12.12199	0.021505	15.92393	-615.133
9	48	25	32	2	825.79	589.9864	11.90555	0.020179	16.66392	-317.058
8	49	25	32	2	915.55	600.8368	11.32465	0.018848	17.25654	-608.005
7	50	24	33	2	771.4355	622.8997	13.89926	0.022314	17.21367	-647.144
6	51	24	33	2	848.23	633.6528	13.16	0.020768	17.61634	-642.78
5	52	24	33	2	928.515	618.6792	11.89619	0.019228	17.85325	-638.566
4	53	24	33	2	1012.291	573.4251	10.59163	0.018471	18.69783	-634.85
3	54	24	33	2	1099.557	458.3244	8.062592	0.017591	19.33988	-631.279
2	55	23	34	2	959.6135	627.0782	11.97712	0.0191	18.32852	-154.775

1	56	23	34	2	1036.725	614.274	10.91454	0.017768	18.42041	-590.294
26	29	27	28	2	31.4159	703.8459	232.5464	0.330394	10.3796	-10.1212
25	30	27	28	2	94.2478	814.5698	85.53976	0.105012	9.897181	49.58159
24	31	27	28	2	188.4955	503.1652	26.75781	0.053179	10.02401	49.8057
23	32	27	28	2	314.1592	152.5227	5.259996	0.034487	10.83423	49.91049
22	33	27	28	2	471.2389	523.3373	11.90214	0.022743	10.71777	49.99741
21	34	26	29	2	209.4395	180.1412	10.71106	0.059459	12.45334	-487.686
20	35	26	29	2	282.7433	419.4588	16.49844	0.039333	11.12106	-373.555
19	36	26	29	2	366.5192	407.1095	12.89832	0.031683	11.61229	-351.513
18	37	26	29	2	460.7669	472.9901	12.43486	0.02629	12.11351	-331.944
17	38	26	29	2	565.4865	500.4038	11.21878	0.022419	12.67792	-299.854
16	39	25	30	2	395.8407	566.4385	19.12032	0.033755	13.36174	-129.648
15	40	25	30	2	471.2389	474.8562	14.12774	0.029752	14.02012	-112.436
14	41	25	30	2	552.9205	412.6698	10.89043	0.02639	14.59166	-95.6383
13	42	25	30	2	640.885	424.7812	10.01354	0.023573	15.10784	-80.6388
12	43	25	30	2	735.1325	445.8552	9.477676	0.021257	15.62696	-63.8791
11	44	24	31	2	583.4385	199.8598	5.286584	0.026451	15.43376	-634.833
10	45	24	31	2	659.7345	361.6758	8.90024	0.024608	16.23499	-624.679
9	46	24	31	2	740.5185	588.8226	13.24543	0.022495	16.65779	-616.102
8	47	24	31	2	825.79	574.8987	11.98338	0.020844	17.21302	-240.665
7	48	24	31	2	915.55	600.2185	11.51652	0.019187	17.5669	-600.021
6	49	23	32	2	771.4355	606.5761	13.52215	0.022293	17.1969	-442.953
5	50	23	32	2	848.23	629.206	12.96319	0.020602	17.4756	-437.231
4	51	23	32	2	928.515	613.4733	11.95787	0.019492	18.09883	-432.121
3	52	23	32	2	1012.291	609.8926	10.96041	0.017971	18.19198	-427.204
2	53	23	32	2	1099.557	572.5692	9.823705	0.017157	18.86545	-422.073

1	54	22	33	2	959.6135	441.9689	8.765391	0.019833	19.049	-727.452
25	28	26	27	2	31.4159	728.0588	213.6064	0.293392	9.217214	-31.249
24	29	26	27	2	94.2478	729.5661	75.98805	0.104155	9.816422	-30.9358
23	30	26	27	2	188.4955	198.5534	10.20719	0.051408	9.690477	-30.5676
22	31	26	27	2	314.1592	483.1673	14.61983	0.030258	9.505939	-30.2813
21	32	26	27	2	471.2389	370.1402	7.714159	0.020841	9.836055	-30.0349
20	33	25	28	2	209.4395	517.8219	25.79125	0.049807	10.43167	-346.011
19	34	25	28	2	282.7433	191.6791	8.353129	0.043579	12.32312	-15.4483
18	35	25	28	2	366.5192	413.1686	12.64912	0.030615	11.22096	-287.281
17	36	25	28	2	460.7669	400.9822	10.14834	0.025309	11.66143	-263.906
16	37	25	28	2	565.4865	474.1697	10.32699	0.021779	12.31572	-242.921
15	38	24	29	2	395.8407	534.0854	17.17234	0.032153	12.7274	-310.843
14	39	24	29	2	471.2389	562.6183	15.91316	0.028284	13.32859	-295.532
13	40	24	29	2	552.9205	464.284	11.66872	0.025133	13.8964	-278.748
12	41	24	29	2	640.885	453.6641	10.20501	0.022495	14.41647	-267.861
11	42	24	29	2	735.1325	450.0699	9.158967	0.02035	14.96002	-257.831
10	43	23	30	2	583.4385	430.0465	11.43159	0.026582	15.50907	127.6697
9	44	23	30	2	659.7345	196.7149	4.674889	0.023765	15.67845	135.817
8	45	23	30	2	740.5185	367.5341	8.114193	0.022077	16.34872	143.2516
7	46	23	30	2	825.79	598.3354	12.32482	0.020599	17.01002	149.951
6	47	23	30	2	915.55	579.9096	11.00226	0.018972	17.37015	155.966
5	48	22	31	2	771.4355	605.4512	13.62022	0.022496	17.3542	-703.663
4	49	22	31	2	848.23	588.0578	12.33388	0.020974	17.79069	-696.488
3	50	22	31	2	928.515	620.2342	12.08398	0.019483	18.09017	-688.847
2	51	22	31	2	1012.291	612.6985	11.22629	0.018323	18.54791	-682.099
1	52	22	31	2	1099.557	586.928	10.07812	0.017171	18.88045	-672.828

24	27	25	26	2	31.4159	681.5938	189.2344	0.277635	8.722192	87.51708
23	28	25	26	2	94.2478	190.7722	19.22453	0.100772	9.497371	87.73776
22	29	25	26	2	188.4955	688.379	33.76596	0.049051	9.246	87.91876
21	30	25	26	2	314.1592	668.0196	19.26843	0.028844	9.061664	88.04209
20	31	25	26	2	471.2389	477.3055	9.305448	0.019496	9.187173	88.14911
19	32	24	27	2	209.4395	384.4061	18.29622	0.047596	9.969309	-309.259
18	33	24	27	2	282.7433	510.1962	18.49422	0.036249	10.24863	-276.647
17	34	24	27	2	366.5192	187.8259	6.264836	0.033354	12.22389	42.4422
16	35	24	27	2	460.7669	413.6077	10.09943	0.024418	11.25096	-226.595
15	36	24	27	2	565.4865	425.0856	8.933651	0.021016	11.88434	-204.637
14	37	23	28	2	395.8407	471.5095	14.57885	0.03092	12.23914	-2.5004
13	38	23	28	2	471.2389	521.9133	14.11783	0.02705	12.74711	24.48882
12	39	23	28	2	552.9205	641.5728	15.43677	0.024061	13.30376	40.67737
11	40	23	28	2	640.885	493.7599	10.68546	0.021641	13.86939	55.04004
10	41	23	28	2	735.1325	437.4809	8.605804	0.019671	14.46098	68.11802
9	42	22	29	2	583.4385	435.7573	11.03545	0.025325	14.77545	-451.294
8	43	22	29	2	659.7345	437.8883	10.19391	0.02328	15.35843	-442.539
7	44	22	29	2	740.5185	197.978	4.232332	0.021378	15.83065	-434.413
6	45	22	29	2	825.79	370.0478	7.254069	0.019603	16.18802	-426.842
5	46	22	29	2	915.55	603.5856	11.06496	0.018332	16.78391	-419.751
4	47	21	30	2	771.4355	562.5881	12.72697	0.022622	17.45156	-113.787
3	48	21	30	2	848.23	596.6876	12.52382	0.020989	17.8034	-105.484
2	49	21	30	2	928.515	587.764	11.51994	0.0196	18.19843	-97.8685
1	50	21	30	2	1012.291	596.2382	10.98707	0.018427	18.65378	-89.1658
23	26	24	25	2	31.4159	188.5606	48.5437	0.257443	8.087925	3.926162
22	27	24	25	2	94.2478	645.1209	58.66959	0.090944	8.57128	4.025741

21	28	24	25	2	188.4955	608.4893	28.26299	0.046448	8.755231	4.151029
20	29	24	25	2	314.1592	675.6901	18.79992	0.027823	8.740975	4.268947
19	30	24	25	2	471.2389	750.3978	13.92949	0.018563	8.747529	4.369915
18	31	23	26	2	209.4395	469.0259	20.11243	0.042881	8.981034	0.689863
17	32	23	26	2	282.7433	376.1308	12.69386	0.033749	9.542207	30.63868
16	33	23	26	2	366.5192	510.0168	14.1565	0.027757	10.17342	52.83984
15	34	23	26	2	460.7669	192.9589	5.058846	0.026217	12.079	595.183
14	35	23	26	2	565.4865	411.4261	8.180902	0.019884	11.24429	85.12998
13	36	22	27	2	395.8407	415.8233	12.40934	0.029843	11.81299	-389.23
12	37	22	27	2	471.2389	524.8757	13.73009	0.026159	12.32699	-368.408
11	38	22	27	2	552.9205	559.7278	13.026	0.023272	12.86759	-354.847
10	39	22	27	2	640.885	613.837	12.82776	0.020898	13.393	-342.398
9	40	22	27	2	735.1325	476.2281	9.020074	0.018941	13.92389	-330.898
8	41	21	28	2	583.4385	445.9287	11.14663	0.024996	14.58388	-276.219
7	42	21	28	2	659.7345	441.1334	10.06406	0.022814	15.05124	-262.691
6	43	21	28	2	740.5185	441.2736	9.231971	0.020921	15.49254	-249.817
5	44	21	28	2	825.79	198.4811	3.807594	0.019184	15.84175	-237.542
4	45	21	28	2	915.55	362.203	6.503562	0.017956	16.43924	-225.826
3	46	20	29	2	771.4355	594.6996	13.32551	0.022407	17.28564	-507.026
2	47	20	29	2	848.23	561.9194	11.74557	0.020903	17.7302	-499.316
1	48	20	29	2	928.515	573.6167	11.24141	0.019597	18.19646	-492.198
22	25	23	24	2	31.4159	688.1945	158.2434	0.22994	7.223789	82.06558
21	26	23	24	2	94.2478	585.0582	50.02956	0.085512	8.059339	84.47432
20	27	23	24	2	188.4955	633.3953	27.05503	0.042714	8.051483	86.75372
19	28	23	24	2	314.1592	676.0915	17.60241	0.026036	8.179325	88.99278
18	29	23	24	2	471.2389	659.8767	11.89867	0.018032	8.497178	91.17002

17	30	22	25	2	209.4395	727.9777	29.87752	0.041042	8.595805	-497.392
16	31	22	25	2	282.7433	469.6418	15.17275	0.032307	9.134608	-474.992
15	32	22	25	2	366.5192	401.5232	10.84477	0.027009	9.899255	-457.597
14	33	22	25	2	460.7669	503.5938	11.39285	0.022623	10.42315	-443.284
13	34	22	25	2	565.4865	193.9184	4.280734	0.022075	12.48234	-229.788
12	35	21	26	2	395.8407	451.4697	13.13198	0.029087	11.5139	-183.188
11	36	21	26	2	471.2389	439.8458	11.28985	0.025668	12.09565	-163.977
10	37	21	26	2	552.9205	504.8043	11.52526	0.022831	12.62376	-143.892
9	38	21	26	2	640.885	537.8655	10.99219	0.020437	13.09758	-131.657
8	39	21	26	2	735.1325	625.8882	11.63995	0.018597	13.67163	-120.983
7	40	20	27	2	583.4385	482.239	12.04035	0.024968	14.56706	-392.714
6	41	20	27	2	659.7345	449.5223	10.20377	0.022699	14.97541	-383.03
5	42	20	27	2	740.5185	443.9072	9.252443	0.020843	15.43477	-373.983
4	43	20	27	2	825.79	430.308	8.333367	0.019366	15.9923	-365.528
3	44	20	27	2	915.55	197.46	3.528437	0.017869	16.36005	-357.578
2	45	19	28	2	771.4355	362.647	7.97398	0.021988	16.96255	-376.2
1	46	19	28	2	848.23	571.5043	11.88197	0.020791	17.63526	-367.465
21	24	22	23	2	31.4159	609.4233	134.7864	0.22117	6.948285	-232.48
20	25	22	23	2	94.2478	677.4633	53.79654	0.079409	7.484135	-233.512
19	26	22	23	2	188.4955	647.7856	26.97762	0.041646	7.850084	-234.728
18	27	22	23	2	314.1592	619.3448	15.99423	0.025824	8.113008	-235.601
17	28	22	23	2	471.2389	657.0364	11.46663	0.017452	8.224123	-236.508
16	29	21	24	2	209.4395	660.8114	28.06067	0.042464	8.893538	-484.678
15	30	21	24	2	282.7433	809.3038	26.13763	0.032296	9.131617	-464.403
14	31	21	24	2	366.5192	466.9388	12.26845	0.026274	9.629999	-447.454
13	32	21	24	2	460.7669	392.2813	8.571251	0.02185	10.06722	-432.838

12	33	21	24	2	565.4865	561.4429	10.76886	0.019181	10.84731	-419.961
11	34	20	25	2	395.8407	167.3412	5.695294	0.034034	13.47281	140.4408
10	35	20	25	2	471.2389	435.5201	11.32869	0.026012	12.25782	-546.933
9	36	20	25	2	552.9205	427.9988	9.910227	0.023155	12.80275	-534.361
8	37	20	25	2	640.885	514.5101	10.73318	0.020861	13.36939	-523.601
7	38	20	25	2	735.1325	546.5299	10.32173	0.018886	13.88368	-511.928
6	39	19	26	2	583.4385	632.059	15.47364	0.024481	14.28335	-222.841
5	40	19	26	2	659.7345	485.1814	10.89918	0.022464	14.82037	-211.486
4	41	19	26	2	740.5185	438.4589	9.07408	0.020695	15.32532	-201.222
3	42	19	26	2	825.79	439.1376	8.404279	0.019138	15.80409	-191.919
2	43	19	26	2	915.55	430.2078	7.655254	0.017794	16.29155	-183.455
1	44	18	27	2	771.4355	195.1127	4.277663	0.021924	16.91304	-458.529
20	23	21	22	2	31.4159	190.5868	39.53538	0.20744	6.517034	-2.84403
19	24	21	22	2	94.2478	677.8761	52.2338	0.077055	7.262293	-2.10551
18	25	21	22	2	188.4955	661.7019	27.54066	0.041621	7.845348	-1.36218
17	26	21	22	2	314.1592	630.0815	16.24778	0.025787	8.101185	-0.57268
16	27	21	22	2	471.2389	619.7495	11.34695	0.018309	8.627904	0.164338
15	28	20	23	2	209.4395	723.6279	32.16822	0.044454	9.310482	-717.595
14	29	20	23	2	282.7433	656.9243	23.05019	0.035088	9.92085	-680.301
13	30	20	23	2	366.5192	778.3487	21.57686	0.027721	10.16044	-649.594
12	31	20	23	2	460.7669	519.728	12.04896	0.023183	10.68206	-624.065
11	32	20	23	2	565.4865	411.585	8.303279	0.020174	11.40825	-603.015
10	33	19	24	2	395.8407	541.2748	16.01984	0.029596	11.71566	-570.351
9	34	19	24	2	471.2389	199.5877	5.819114	0.029156	13.73791	-385.406
8	35	19	24	2	552.9205	444.1099	10.29152	0.023173	12.81303	-550.461
7	36	19	24	2	640.885	432.5063	9.025788	0.020869	13.37435	-541.991

6	37	19	24	2	735.1325	517.8913	9.712369	0.018754	13.78629	-534.244
5	38	18	25	2	583.4385	550.3873	13.5261	0.024576	14.33836	-699.902
4	39	18	25	2	659.7345	610.4724	13.82415	0.022645	14.93969	-687.874
3	40	18	25	2	740.5185	479.6798	9.995885	0.020839	15.43142	-674.091
2	41	18	25	2	825.79	438.5104	8.45653	0.019285	15.92507	-664.933
1	42	18	25	2	915.55	426.2069	7.644216	0.017935	16.4208	-656.419
19	22	20	21	2	31.4159	642.2029	136.269	0.21219	6.666155	-14.9172
18	23	20	21	2	94.2478	185.2075	15.16942	0.081905	7.71966	-14.9301
17	24	20	21	2	188.4955	658.478	28.62933	0.043478	8.195457	-14.9587
16	25	20	21	2	314.1592	662.0526	18.94838	0.028621	8.991367	-15.0225
15	26	20	21	2	471.2389	689.8856	14.08516	0.020417	9.621151	-15.0896
14	27	19	22	2	209.4395	615.1728	27.71551	0.045053	9.435906	-409.503
13	28	19	22	2	282.7433	697.1739	24.55946	0.035227	9.960218	-379.092
12	29	19	22	2	366.5192	764.9581	21.90226	0.028632	10.49409	-350.328
11	30	19	22	2	460.7669	865.0911	20.44537	0.023634	10.88968	-324.959
10	31	19	22	2	565.4865	499.6401	10.13829	0.020291	11.47439	-296.187
9	32	18	23	2	395.8407	401.0151	12.16955	0.030347	12.01251	-736.219
8	33	18	23	2	471.2389	552.8643	14.63029	0.026463	12.4708	-719.349
7	34	18	23	2	552.9205	175.5742	4.831559	0.027519	15.21722	-375.853
6	35	18	23	2	640.885	447.5882	9.510701	0.021249	13.61802	-690.118
5	36	18	23	2	735.1325	435.1852	8.421466	0.019351	14.22589	-677.369
4	37	17	24	2	583.4385	503.8682	12.54666	0.024901	14.52792	-627.13
3	38	17	24	2	659.7345	542.7341	12.38043	0.022811	15.04935	-617.477
2	39	17	24	2	740.5185	608.7932	12.75093	0.020945	15.50986	-608.825
1	40	17	24	2	825.79	462.9466	9.019544	0.019483	16.08878	-601.016
18	21	19	20	2	31.4159	560.6413	102.0093	0.181951	5.716175	-49.3998

17	22	19	20	2	94.2478	624.1644	40.57097	0.065	6.126175	-48.8378
16	23	19	20	2	188.4955	183.3934	6.864182	0.037429	7.05545	-48.1465
15	24	19	20	2	314.1592	725.0231	17.94187	0.024747	7.774396	-47.7086
14	25	19	20	2	471.2389	658.0745	11.89588	0.018077	8.518438	-47.2691
13	26	18	21	2	209.4395	666.5064	30.34913	0.045535	9.536787	-386.274
12	27	18	21	2	282.7433	709.9289	25.53431	0.035967	10.16948	-363.216
11	28	18	21	2	366.5192	767.1923	22.57835	0.02943	10.78655	-343.881
10	29	18	21	2	460.7669	727.8247	18.13245	0.024913	11.47912	-327.236
9	30	18	21	2	565.4865	815.0618	17.08699	0.020964	11.85485	-312.63
8	31	17	22	2	395.8407	509.4318	15.55186	0.030528	12.08416	-351.729
7	32	17	22	2	471.2389	404.3237	10.9642	0.027117	12.77882	-334.827
6	33	17	22	2	552.9205	558.2253	13.51529	0.024211	13.38727	-317.743
5	34	17	22	2	640.885	212.2661	5.001477	0.023562	15.10424	172.2756
4	35	17	22	2	735.1325	436.8284	8.648483	0.019798	14.55441	-283.486
3	36	16	23	2	583.4385	431.1907	10.7298	0.024884	14.51836	-738.724
2	37	16	23	2	659.7345	502.9839	11.46473	0.022793	15.03754	-728.94
1	38	16	23	2	740.5185	522.9895	11.02192	0.021075	15.60632	-719.961
17	20	18	19	2	31.4159	615.9704	107.3463	0.174272	5.474928	3.165143
16	21	18	19	2	94.2478	560.0992	37.48291	0.066922	6.307248	3.3746
15	22	18	19	2	188.4955	681.7477	25.84017	0.037903	7.144527	3.561371
14	23	18	19	2	314.1592	178.029	4.656173	0.026154	8.216522	3.716949
13	24	18	19	2	471.2389	699.4578	13.17718	0.018839	8.877702	3.840615
12	25	17	20	2	209.4395	767.443	33.56773	0.04374	9.160752	-403.895
11	26	17	20	2	282.7433	729.8463	25.35593	0.034741	9.822939	-373.18
10	27	17	20	2	366.5192	677.644	19.64044	0.028983	10.62287	-347.314
9	28	17	20	2	460.7669	729.4354	17.77216	0.024364	11.2262	-318.104

8	29	17	20	2	565.4865	744.3418	15.74239	0.021149	11.95965	-300.138
7	30	16	21	2	395.8407	833.8403	25.46714	0.030542	12.08967	-402.361
6	31	16	21	2	471.2389	514.1095	13.62905	0.02651	12.49255	-389.294
5	32	16	21	2	552.9205	406.3079	9.66855	0.023796	13.15733	-377.497
4	33	16	21	2	640.885	540.2461	11.76329	0.021774	13.95459	-366.76
3	34	16	21	2	735.1325	214.9987	4.497703	0.02092	15.37922	-178.292
2	35	15	22	2	583.4385	436.2794	10.85856	0.024889	14.52121	-424.082
1	36	15	22	2	659.7345	419.6759	9.64735	0.022988	15.16571	-412.931
16	19	17	18	2	31.4159	618.7958	96.45192	0.15587	4.896821	4.859914
15	20	17	18	2	94.2478	672.2292	44.41307	0.066068	6.226817	5.395938
14	21	17	18	2	188.4955	556.7183	20.41959	0.036679	6.91373	5.896266
13	22	17	18	2	314.1592	659.5118	16.02959	0.024305	7.635755	6.463286
12	23	17	18	2	471.2389	185.4981	3.384739	0.018247	8.598255	6.842376
11	24	16	19	2	209.4395	770.4573	32.44792	0.042115	8.820563	-211.46
10	25	16	19	2	282.7433	729.7427	24.97514	0.034225	9.676748	-186.898
9	26	16	19	2	366.5192	694.2506	19.47709	0.028055	10.28266	-166.923
8	27	16	19	2	460.7669	692.2048	16.74013	0.024184	11.14299	-150.288
7	28	16	19	2	565.4865	742.6263	15.4478	0.020802	11.76295	-136.185
6	29	15	20	2	395.8407	752.5252	22.59938	0.030031	11.88762	-450.6
5	30	15	20	2	471.2389	844.7546	22.03701	0.026087	12.29301	-436.597
4	31	15	20	2	552.9205	499.2426	11.51152	0.023058	12.74922	-423.707
3	32	15	20	2	640.885	404.5427	8.454996	0.0209	13.39461	-410.572
2	33	15	20	2	735.1325	542.0213	10.25982	0.018929	13.91484	-398.406
1	34	14	21	2	583.4385	226.0634	6.012113	0.026595	15.51923	-233.663
15	18	16	17	2	31.4159	658.2402	87.2466	0.132545	4.164042	-22.7368
14	19	16	17	2	94.2478	614.014	33.98262	0.055345	5.216158	-21.9595

13	20	16	17	2	188.4955	649.7679	20.9265	0.032206	6.070723	-21.2267
12	21	16	17	2	314.1592	632.2733	13.21899	0.020907	6.568117	-20.5369
11	22	16	17	2	471.2389	721.33	11.10084	0.015389	7.252085	-19.9012
10	23	15	18	2	209.4395	183.3062	7.482408	0.040819	8.547411	-349.103
9	24	15	18	2	282.7433	731.3493	23.60834	0.032281	9.127086	-317.549
8	25	15	18	2	366.5192	746.4127	20.34746	0.02726	9.991385	-291.084
7	26	15	18	2	460.7669	706.4883	16.25318	0.023006	10.60018	-268.307
6	27	15	18	2	565.4865	700.2084	13.93578	0.019902	11.25446	-246.493
5	28	14	19	2	395.8407	751.3989	22.86009	0.030423	12.04278	-187.78
4	29	14	19	2	471.2389	724.2966	19.59437	0.027053	12.7484	-169.823
3	30	14	19	2	552.9205	827.5621	19.66142	0.023758	13.13616	-158.942
2	31	14	19	2	640.885	498.8626	10.49892	0.021046	13.48789	-149.263
1	32	14	19	2	735.1325	392.1359	7.550372	0.019254	14.15466	-140.618
14	17	15	16	2	31.4159	598.8788	72.04563	0.120301	3.779374	-37.462
13	18	15	16	2	94.2478	635.4924	34.24052	0.05388	5.07811	-36.9671
12	19	15	16	2	188.4955	706.5739	21.79464	0.030846	5.814255	-36.4923
11	20	15	16	2	314.1592	709.8275	15.0874	0.021255	6.677459	-36.0732
10	21	15	16	2	471.2389	604.9893	9.41661	0.015565	7.334699	-35.6927
9	22	14	17	2	209.4395	686.5651	26.50437	0.038604	8.08514	-372.577
8	23	14	17	2	282.7433	186.5497	6.124876	0.032832	9.283141	-338.518
7	24	14	17	2	366.5192	745.3546	19.93649	0.026748	9.803503	-310.359
6	25	14	17	2	460.7669	756.0364	17.18376	0.022729	10.47265	-280.369
5	26	14	17	2	565.4865	714.4949	14.01871	0.01962	11.09504	-261.739
4	27	13	18	2	395.8407	674.6158	20.64497	0.030603	12.11372	-271.119
3	28	13	18	2	471.2389	738.4928	19.91253	0.026964	12.70634	-256.682
2	29	13	18	2	552.9205	724.0647	17.42028	0.024059	13.30271	-243.55

1	30	13	18	2	640.885	780.9262	16.87887	0.021614	13.85205	-231.511
13	16	14	15	2	31.4159	635.9653	77.49012	0.121846	3.827925	8.287024
12	17	14	15	2	94.2478	686.7851	37.65574	0.054829	5.167528	8.873083
11	18	14	15	2	188.4955	692.4578	23.09093	0.033346	6.285645	9.396419
10	19	14	15	2	314.1592	673.5117	15.30536	0.022725	7.139186	9.859565
9	20	14	15	2	471.2389	676.954	11.59017	0.017121	8.06803	10.30589
8	21	13	16	2	209.4395	618.7796	25.00149	0.040405	8.462217	-212.191
7	22	13	16	2	282.7433	700.0883	22.95193	0.032784	9.269434	-167.685
6	23	13	16	2	366.5192	185.7035	5.163469	0.027805	10.19032	-143.962
5	24	13	16	2	460.7669	753.9482	17.68415	0.023455	10.80745	-124.877
4	25	13	16	2	565.4865	725.3374	14.93088	0.020585	11.64038	-109.352
3	26	12	17	2	395.8407	702.8528	21.32137	0.030335	12.00792	-317.997
2	27	12	17	2	471.2389	675.5612	18.24255	0.027004	12.72511	-304.076
1	28	12	17	2	552.9205	696.3802	16.94309	0.02433	13.4527	-291.493
12	15	13	14	2	31.4159	760.601	85.36426	0.112233	3.525903	12.95868
11	16	13	14	2	94.2478	693.1483	36.47947	0.052629	4.960143	13.0457
10	17	13	14	2	188.4955	655.5882	21.47028	0.03275	6.173175	13.13353
9	18	13	14	2	314.1592	660.5997	15.07828	0.022825	7.170743	13.21901
8	19	13	14	2	471.2389	687.329	11.74808	0.017092	8.054609	13.28851
7	20	12	15	2	209.4395	689.7703	29.11501	0.04221	8.840283	-170.436
6	21	12	15	2	282.7433	625.8345	20.99764	0.033551	9.486426	-136.692
5	22	12	15	2	366.5192	707.1531	19.85909	0.028083	10.29293	-108.962
4	23	12	15	2	460.7669	182.5726	4.515151	0.024731	11.39401	-85.9639
3	24	12	15	2	565.4865	740.8169	15.64986	0.021125	11.94596	-66.8305
2	25	11	16	2	395.8407	726.3934	22.05104	0.030357	12.01648	-247.363
1	26	11	16	2	471.2389	667.1779	18.1737	0.02724	12.83622	-229.694

11	14	12	13	2	31.4159	689.8176	76.40298	0.110758	3.479577	32.08241
10	15	12	13	2	94.2478	722.4988	36.56747	0.050613	4.770133	30.96452
9	16	12	13	2	188.4955	660.843	20.78541	0.031453	5.928739	29.84721
8	17	12	13	2	314.1592	669.3774	15.23408	0.022759	7.149811	28.62688
7	18	12	13	2	471.2389	671.9882	11.59579	0.017256	8.131648	27.43172
6	19	11	14	2	209.4395	695.6329	27.43731	0.039442	8.260767	-351.511
5	20	11	14	2	282.7433	697.0983	22.80222	0.03271	9.248504	-315.795
4	21	11	14	2	366.5192	605.7122	16.51889	0.027272	9.995658	-284.898
3	22	11	14	2	460.7669	696.3717	16.21461	0.023284	10.72864	-258.031
2	23	11	14	2	565.4865	184.2641	3.795007	0.020595	11.64584	-234.625
1	24	10	15	2	395.8407	700.6647	21.632	0.030874	12.22101	-105.124
10	13	11	12	2	31.4159	697.8763	65.75366	0.09422	2.960002	-100.879
9	14	11	12	2	94.2478	657.4414	29.01262	0.04413	4.159129	-98.7043
8	15	11	12	2	188.4955	737.8295	20.28428	0.027492	5.182101	-96.6884
7	16	11	12	2	314.1592	672.2429	13.19925	0.019635	6.168409	-94.7602
6	17	11	12	2	471.2389	676.5324	10.06346	0.014875	7.009677	-92.8413
5	18	10	13	2	209.4395	679.0581	26.62746	0.039212	8.212558	-291.749
4	19	10	13	2	282.7433	670.3508	21.23741	0.031681	8.957623	-258.139
3	20	10	13	2	366.5192	686.7607	18.51154	0.026955	9.879425	-238.938
2	21	10	13	2	460.7669	607.6352	13.85681	0.022804	10.50756	-222.249
1	22	10	13	2	565.4865	657.38	13.28699	0.020212	11.42964	-207.441
9	12	10	11	2	31.4159	767.4872	72.19115	0.094062	2.955039	117.9967
8	13	10	11	2	94.2478	712.333	33.17051	0.046566	4.388745	117.8384
7	14	10	11	2	188.4955	667.9906	19.5199	0.029222	5.508189	117.6479
6	15	10	11	2	314.1592	745.5839	15.04076	0.020173	6.337592	117.4215
5	16	10	11	2	471.2389	678.9451	10.59471	0.015605	7.353534	117.1832

4	17	9	12	2	209.4395	652.2017	24.78592	0.038003	7.959351	-470.88
3	18	9	12	2	282.7433	668.61	20.73823	0.031017	8.769731	-445.2
2	19	9	12	2	366.5192	670.8719	17.09498	0.025482	9.339547	-425.72
1	20	9	12	2	460.7669	649.9588	14.69133	0.022603	10.41484	-406.258
8	11	9	10	2	31.4159	788.2555	68.14814	0.086454	2.716048	-66.9585
7	12	9	10	2	94.2478	781.9683	34.39169	0.043981	4.14509	-66.3957
6	13	9	10	2	188.4955	719.9651	19.7033	0.027367	5.158549	-65.901
5	14	9	10	2	314.1592	674.4725	13.21782	0.019597	6.156667	-65.4949
4	15	9	10	2	471.2389	715.4711	10.72267	0.014987	7.062399	-65.1463
3	16	8	11	2	209.4395	668.2142	24.64912	0.036888	7.725815	-69.541
2	17	8	11	2	282.7433	654.3676	20.03181	0.030612	8.655429	-37.7802
1	18	8	11	2	366.5192	632.9768	16.54296	0.026135	9.578965	-15.2517
7	10	8	9	2	31.4159	743.6414	59.36581	0.079831	2.507972	15.05487
6	11	8	9	2	94.2478	796.429	31.07875	0.039023	3.677801	15.02087
5	12	8	9	2	188.4955	792.0192	20.51424	0.025901	4.882215	14.90565
4	13	8	9	2	314.1592	693.3941	12.95556	0.018684	5.869786	14.68989
3	14	8	9	2	471.2389	664.162	9.421872	0.014186	6.685028	14.52626
2	15	7	10	2	209.4395	717.0905	25.34927	0.03535	7.4037	-448.89
1	16	7	10	2	282.7433	631.9976	18.87271	0.029862	8.443306	-431.875
6	9	7	8	2	31.4159	754.8654	57.97757	0.076805	2.412909	-56.115
5	10	7	8	2	94.2478	752.1918	30.12714	0.040052	3.774854	-55.0697
4	11	7	8	2	188.4955	762.0171	19.5237	0.025621	4.829464	-54.1014
3	12	7	8	2	314.1592	777.5089	14.70733	0.018916	5.942551	-53.2017
2	13	7	8	2	471.2389	694.9397	10.04351	0.014452	6.810445	-52.3369
1	14	6	9	2	209.4395	627.7256	23.11211	0.036819	7.711137	-451.868
5	8	6	7	2	31.4159	769.5487	60.8322	0.079049	2.483407	-49.3222

4	9	6	7	2	94.2478	724.0642	29.29596	0.04046	3.813306	-47.6625
3	10	6	7	2	188.4955	739.9395	20.10084	0.027166	5.120564	-46.0379
2	11	6	7	2	314.1592	763.9615	14.8862	0.019486	6.121562	-45.1513
1	12	6	7	2	471.2389	736.53	11.65291	0.015821	7.455494	-44.3995
4	7	5	6	2	31.4159	737.9126	52.13321	0.07065	2.219523	3.162762
3	8	5	6	2	94.2478	755.351	28.04603	0.03713	3.499377	5.17165
2	9	5	6	2	188.4955	725.6716	17.3682	0.023934	4.511414	6.73293
1	10	5	6	2	314.1592	702.9282	12.66276	0.018014	5.659303	7.961273
3	6	4	5	2	31.4159	765.3017	52.89003	0.06911	2.171157	7.359764
2	7	4	5	2	94.2478	739.372	24.48671	0.033118	3.121317	9.878342
1	8	4	5	2	188.4955	718.6216	15.64269	0.021768	4.103032	11.52643
2	5	3	4	2	31.4159	749.3428	47.85641	0.063865	2.006364	-63.8046
1	6	3	4	2	94.2478	726.9667	25.29367	0.034793	3.279206	-58.88
1	4	2	3	2	31.4159	700.8754	49.86709	0.07115	2.235236	-85.5344