

实用五金手册

上海五金采购供应站编

上海科学技术出版社

三、常用数值及公式

1. 数的平方、立方、平方根、立方根、倒数、对数、 圆周长及圆面积表 ($n=1\sim 1000$; $d=n/10$)

用法说明

(1) 求数的平方(n^2)、立方(n^3)、平方根($\sqrt{n}$)及立方根($\sqrt[3]{n}$) 先在表中 n 栏中找到这一数, 横向右看, 从 n^2 、 n^3 、 $\sqrt{n}$ 及 $\sqrt[3]{n}$ 各栏中, 即分别求得这一数的平方、立方、平方根及立方根的数值。

【例】求 64^2 、 64^3 、 $\sqrt{64}$ 及 $\sqrt[3]{64}$ 的数值? 先从 n 栏中找到 64, 从 n^2 栏中即求得 $64^2=4096$; 从 n^3 栏中即求得 $64^3=262144$; 从 $\sqrt{n}$ 栏中即求得 $\sqrt{64}=8$; 从 $\sqrt[3]{n}$ 栏中即求得 $\sqrt[3]{64}=4$ 。

(2) 求数的倒数 ($1/n$) 先在表中 n 栏中找到这一数, 横向右看, 从 $1000/n$ 栏中可以求得这一数的倒数的 1000 倍数, 然后用 1000 来除, 即求得这一数的倒数。

【例】求 $1/351$ 的数值? 先从 n 栏中找到 351, 从 $1000/n$ 中求得 $1000/351=2.84900$, 然后用 1000 来除即求得 $1/351=0.002849$ 。

(3) 求数的对数 ($\lg n$) 先在表中 n 栏中找到这一数, 横向右看, 从 $\lg n$ 栏中即求得这一数的对数。

【例】求 $\lg 200$ 的数值? 先从 n 栏中找到 200, 从 $\lg n$ 栏中即求得 $\lg 200=2.3010$ 。

(4) 求某一直径的圆周长 ($d\pi$) 及圆面积 ($d^2\pi/4$) 先在表中 d 栏中找到这一直径值 (或从 n 栏中找到这一直径的 10 倍数, 因为 $d=n/10$), 横向右看, 从 $d\pi$ 及 $d^2\pi/4$ 两栏中, 即分别求得这一直径的圆周长和圆面积。

【例】求直径 16.5 的圆周长及圆面积? 先从 d 栏中找到 16.5 (或从 n 栏中找到 165), 从 $d\pi$ 和 $d^2\pi/4$ 两栏中, 即分别求得直径 16.5 的圆周长为 51.84 和圆面积为 213.82。

n	n^2	n^3	$\sqrt{n}$	$\sqrt[3]{n}$	$\frac{1000}{n}$	$\lg n$	d	dx	$\frac{d^2x}{4}$
1	1	1	1.0000	1.0000	1000.000	0.0000	0.1	0.314	0.0079
2	4	8	1.4142	1.2599	500.000	0.3010	2	0.628	0.0314
3	9	27	1.7321	1.4422	333.333	0.4771	3	0.942	0.0707
4	16	64	2.0000	1.5874	250.000	0.6021	4	1.257	0.1257
5	25	125	2.2361	1.7100	200.000	0.6990	5	1.571	0.1964
6	36	216	2.4495	1.8171	166.667	0.7781	6	1.885	0.2827
7	49	343	2.6458	1.9129	142.857	0.8451	7	2.199	0.3849
8	64	512	2.8284	2.0000	125.000	0.9031	8	2.513	0.5027
9	81	729	3.0000	2.0801	111.111	0.9542	9	2.827	0.6362
10	100	1000	3.1623	2.1544	100.000	1.0000	1.0	3.142	0.7854
11	121	1331	3.3166	2.2240	90.9091	1.0414	1	3.456	0.9503
12	144	1728	3.4641	2.2894	83.3333	1.0792	2	3.770	1.1310
13	169	2197	3.6056	2.3513	76.9231	1.1139	3	4.084	1.3273
14	196	2744	3.7417	2.4101	71.4286	1.1461	4	4.398	1.5394
15	225	3375	3.8730	2.4662	66.6667	1.1761	5	4.712	1.7672
16	256	4096	4.0000	2.5198	62.5000	1.2041	6	5.027	2.0108
17	289	4913	4.1231	2.5713	58.8235	1.2304	7	5.341	2.2698
18	324	5832	4.2426	2.6207	55.5556	1.2553	8	5.655	2.5447
19	361	6859	4.3589	2.6684	52.6316	1.2788	9	5.969	2.8353
20	400	8000	4.4721	2.7144	50.0000	1.3010	2.0	6.283	3.1416
21	441	9261	4.5826	2.7589	47.6190	1.3222	1	6.597	3.4836
22	484	10648	4.6904	2.8020	45.4545	1.3424	2	6.912	3.8013
23	529	12167	4.7958	2.8439	43.4783	1.3617	3	7.226	4.1548
24	576	13824	4.8990	2.8845	41.6667	1.3802	4	7.540	4.5239
25	625	15625	5.0000	2.9240	40.0000	1.3979	5	7.854	4.9087
26	676	17576	5.0990	2.9625	38.4615	1.4150	6	8.168	5.3093
27	729	19683	5.1962	3.0000	37.0370	1.4314	7	8.482	5.7256
28	784	21952	5.2915	3.0366	35.7143	1.4472	8	8.796	6.1575
29	841	24389	5.3852	3.0723	34.4828	1.4624	9	9.111	6.6052
30	900	27000	5.4772	3.1072	33.3333	1.4771	2.0	9.425	7.0686
31	961	29791	5.5678	3.1414	32.2581	1.4914	1	9.739	7.5477
32	1024	32768	5.6569	3.1749	31.2500	1.5052	2	10.05	8.0425
33	1089	35937	5.7446	3.2075	30.3030	1.5185	3	10.37	8.5530
34	1156	39304	5.8310	3.2396	29.4118	1.5315	4	10.68	9.0792
35	1225	42875	5.9161	3.2711	28.5714	1.5441	5	11.00	9.6211
36	1296	46656	6.0000	3.3019	27.7778	1.5563	6	11.31	10.179
37	1369	50653	6.0828	3.3322	27.0270	1.5682	7	11.62	10.752
38	1444	54872	6.1644	3.3620	26.3158	1.5798	8	11.94	11.341
39	1521	59319	6.2450	3.3912	25.6410	1.5911	9	12.25	11.946
40	1600	64000	6.3246	3.4200	25.0000	1.6021	4.0	12.57	12.560
41	1681	68921	6.4031	3.4482	24.3902	1.6128	1	12.88	13.203
42	1764	74088	6.4807	3.4760	23.8095	1.6232	2	13.19	13.864
43	1849	79507	6.5574	3.5034	23.2558	1.6335	3	13.51	14.522
44	1936	85184	6.6332	3.5303	22.7273	1.6435	4	13.82	15.205
45	2025	91125	6.7082	3.5569	22.2222	1.6532	5	14.14	15.904
46	2116	97336	6.7823	3.5830	21.7391	1.6628	6	14.45	16.619
47	2209	103823	6.8557	3.6088	21.2766	1.6721	7	14.77	17.349
48	2304	110592	6.9282	3.6342	20.8333	1.6812	8	15.08	18.096
49	2401	117649	7.0000	3.6593	20.4082	1.6902	9	15.39	18.857
50	2500	125000	7.0711	3.6840	20.0000	1.6990	5.0	15.71	19.635

x	n^1	n^2	$\sqrt{n}$	$\sqrt{x}$	$\frac{1000}{n}$	$\lg x$	d	dx	$\frac{d^2x}{4}$
51	2601	132651	7.1414	3.7084	19.6078	1.7076	5.1	16.02	20.428
52	2704	140608	7.2111	3.7325	19.2308	1.7180	2	16.34	21.237
53	2809	148877	7.2801	3.7563	18.8679	1.7243	3	16.65	22.062
54	2916	157464	7.3485	3.7798	18.5185	1.7324	4	16.96	22.902
55	3025	166375	7.4162	3.8030	18.1818	1.7404	5	17.28	23.758
56	3136	175616	7.4833	3.8259	17.8571	1.7482	6	17.59	24.630
57	3249	185193	7.5498	3.8485	17.5439	1.7559	7	17.91	25.518
58	3364	195112	7.6158	3.8709	17.2414	1.7634	8	18.22	26.421
59	3481	205379	7.6811	3.8930	16.9492	1.7709	9	18.54	27.340
60	3600	216000	7.7460	3.9149	16.6667	1.7782	6.0	18.85	28.274
61	3721	226981	7.8102	3.9365	16.3934	1.7853	1	19.16	29.225
62	3844	238328	7.8740	3.9579	16.1290	1.7924	2	19.48	30.191
63	3969	250047	7.9373	3.9791	15.8730	1.7993	3	19.79	31.172
64	4096	262144	8.0000	4.0000	15.6250	1.8062	4	20.11	32.170
65	4225	274625	8.0623	4.0207	15.3846	1.8129	5	20.42	33.183
66	4356	287496	8.1240	4.0412	15.1515	1.8195	6	20.73	34.218
67	4489	300783	8.1854	4.0615	14.9254	1.8261	7	21.05	35.257
68	4624	314432	8.2462	4.0817	14.7059	1.8325	8	21.36	36.317
69	4761	328509	8.3066	4.1016	14.4928	1.8388	9	21.68	37.393
70	4900	343000	8.3666	4.1213	14.2857	1.8451	7.0	21.99	38.485
71	5041	357911	8.4261	4.1408	14.0843	1.8513	1	22.31	39.592
72	5184	373248	8.4853	4.1602	13.8889	1.8573	2	22.62	40.715
73	5329	389017	8.5440	4.1793	13.6986	1.8633	3	22.93	41.854
74	5476	405224	8.6023	4.1983	13.5135	1.8692	4	23.25	43.008
75	5625	421875	8.6603	4.2172	13.3333	1.8751	5	23.56	44.179
76	5776	438976	8.7178	4.2358	13.1579	1.8808	6	23.88	45.365
77	5929	456533	8.7750	4.2543	12.9870	1.8865	7	24.19	46.566
78	6084	474552	8.8318	4.2727	12.8205	1.8921	8	24.50	47.784
79	6241	493029	8.8882	4.2908	12.6582	1.8976	9	24.82	49.017
80	6400	512000	8.9443	4.3089	12.5000	1.9031	8.0	25.13	50.266
81	6561	531441	9.0000	4.3267	12.3457	1.9085	1	25.45	51.530
82	6724	551368	9.0554	4.3445	12.1951	1.9138	2	25.76	52.810
83	6889	571787	9.1104	4.3621	12.0482	1.9191	3	26.08	54.106
84	7056	592704	9.1652	4.3795	11.9048	1.9243	4	26.39	55.418
85	7225	614125	9.2195	4.3968	11.7647	1.9294	5	26.70	56.745
86	7396	636056	9.2736	4.4140	11.6279	1.9345	6	27.02	58.088
87	7569	658503	9.3274	4.4310	11.4943	1.9395	7	27.33	59.447
88	7744	681472	9.3808	4.4480	11.3636	1.9445	8	27.65	60.821
89	7921	704969	9.4340	4.4647	11.2360	1.9494	9	27.96	62.211
90	8100	729000	9.4868	4.4814	11.1111	1.9542	9.0	28.27	63.617
91	8281	753571	9.5394	4.4979	10.9890	1.9590	1	28.58	65.039
92	8464	778688	9.5917	4.5144	10.8696	1.9638	2	28.90	66.476
93	8649	804367	9.6437	4.5307	10.7527	1.9685	3	29.22	67.929
94	8836	830584	9.6954	4.5468	10.6383	1.9731	4	29.53	69.398
95	9025	857375	9.7468	4.5629	10.5263	1.9777	5	29.85	70.882
96	9216	884736	9.7980	4.5789	10.4167	1.9823	6	30.16	72.382
97	9409	912673	9.8489	4.5947	10.3093	1.9868	7	30.47	73.898
98	9604	941192	9.8995	4.6104	10.2041	1.9912	8	30.79	75.430
99	9801	970299	9.9499	4.6261	10.1010	1.9956	9	31.10	76.977
100	10000	1000000	10.0000	4.6416	10.0000	2.0000	10.0	31.42	78.540

n	n^2	n^3	$\sqrt{n}$	$\sqrt[3]{n}$	$\frac{1000}{n}$	$\lg n$	δ	$d\pi$	$\frac{d^2\pi}{4}$
101	10201	1030301	10.0499	4.6570	9.90099	2.0043	10.1	31.73	80.119
102	10404	1061208	10.0995	4.6723	9.80392	2.0086	2	32.04	81.713
103	10609	1092727	10.1489	4.6875	9.70874	2.0128	3	32.36	83.323
104	10816	1124864	10.1980	4.7027	9.61538	2.0170	4	32.67	84.949
105	11025	1157625	10.2470	4.7177	9.52381	2.0212	5	32.99	86.590
106	11236	1191016	10.2956	4.7326	9.43396	2.0253	6	33.30	88.247
107	11449	1225043	10.3441	4.7475	9.34579	2.0294	7	33.62	89.920
108	11664	1259712	10.3923	4.7622	9.25926	2.0334	8	33.93	91.609
109	11881	1285029	10.4403	4.7769	9.17431	2.0374	9	34.24	93.313
110	12100	1331000	10.4881	4.7914	9.09091	2.0414	11.0	34.56	95.033
111	12321	1367631	10.5357	4.8059	9.00901	2.0453	1	34.87	96.769
112	12544	1404928	10.5830	4.8203	8.92857	2.0492	2	35.19	98.520
113	12769	1442897	10.6301	4.8346	8.84956	2.0531	3	35.50	100.287
114	12996	1481544	10.6771	4.8488	8.77193	2.0569	4	35.81	102.070
115	13225	1520875	10.7238	4.8629	8.69565	2.0607	5	36.13	103.869
116	13456	1560896	10.7703	4.8770	8.62089	2.0645	6	36.44	105.683
117	13689	1601613	10.8167	4.8910	8.54701	2.0682	7	36.76	107.518
118	13924	1643032	10.8628	4.9049	8.47458	2.0719	8	37.07	109.369
119	14161	1685159	10.9087	4.9187	8.40336	2.0755	9	37.38	111.220
120	14400	1728000	10.9545	4.9324	8.33323	2.0792	12.0	37.70	113.097
121	14641	1771561	11.0000	4.9461	8.26446	2.0828	1	38.01	114.990
122	14884	1815848	11.0454	4.9597	8.19672	2.0864	2	38.33	116.899
123	15129	1860867	11.0905	4.9732	8.13008	2.0899	3	38.64	118.828
124	15376	1906624	11.1355	4.9866	8.06452	2.0934	4	38.96	120.763
125	15625	1953125	11.1803	5.0000	8.00000	2.0969	5	39.27	122.718
126	15876	2000376	11.2250	5.0133	7.93651	2.1004	6	39.58	124.690
127	16129	2048383	11.2694	5.0265	7.87402	2.1038	7	39.90	126.677
128	16384	2097152	11.3137	5.0397	7.81250	2.1072	8	40.21	128.680
129	16641	2146689	11.3578	5.0528	7.75194	2.1106	9	40.53	130.698
130	16900	2197000	11.4018	5.0658	7.69231	2.1139	13.0	40.84	132.732
131	17161	2248091	11.4455	5.0788	7.63359	2.1173	1	41.15	134.782
132	17424	2299968	11.4891	5.0916	7.57576	2.1206	2	41.47	136.848
133	17689	2352637	11.5326	5.1045	7.51880	2.1239	3	41.78	138.929
134	17956	2406104	11.5758	5.1172	7.46269	2.1271	4	42.10	141.026
135	18225	2460375	11.6190	5.1299	7.40741	2.1303	5	42.41	143.139
136	18496	2515456	11.6619	5.1426	7.35294	2.1335	6	42.73	145.267
137	18769	2571353	11.7047	5.1551	7.29927	2.1367	7	43.04	147.411
138	19044	2628072	11.7473	5.1676	7.24638	2.1399	8	43.35	149.571
139	19321	2685619	11.7898	5.1801	7.19424	2.1430	9	43.67	151.747
140	19600	2744000	11.8322	5.1925	7.14286	2.1461	14.0	43.98	153.938
141	19881	2803221	11.8743	5.2048	7.09220	2.1492	1	44.30	156.145
142	20164	2863288	11.9164	5.2171	7.04225	2.1523	2	44.61	158.368
143	20449	2924207	11.9583	5.2293	6.99301	2.1553	3	44.92	160.606
144	20736	2985984	12.0000	5.2415	6.94444	2.1584	4	45.24	162.860
145	21025	3048625	12.0416	5.2536	6.89655	2.1614	5	45.55	165.130
146	21316	3112136	12.0830	5.2656	6.84922	2.1644	6	45.87	167.415
147	21609	3176523	12.1244	5.2776	6.80272	2.1673	7	46.18	169.717
148	21904	3241792	12.1655	5.2896	6.75678	2.1703	8	46.50	172.034
149	22201	3307949	12.2066	5.3015	6.71141	2.1732	9	46.81	174.366
150	22500	3375000	12.2474	5.3133	6.66667	2.1761	15.0	47.12	176.715

n	n^2	n^3	$\sqrt{n}$	$\sqrt[3]{n}$	$\frac{1000}{n}$	$\lg n$	d	$d\pi$	$\frac{d^2\pi}{4}$
151	22801	3443351	12.2882	5.3251	6.62252	2.1790	15.1	47.44	179.079
152	23104	3511808	12.3288	5.3368	6.57895	2.1818	2	47.75	181.458
153	23409	3581577	12.3693	5.3485	6.53595	2.1847	3	48.07	183.854
154	23716	3652284	12.4097	5.3601	6.49351	2.1875	4	48.38	186.265
155	24025	3723875	12.4499	5.3717	6.45161	2.1903	5	48.69	188.692
156	24336	3796416	12.4900	5.3832	6.41028	2.1931	6	49.01	191.13
157	24649	3869893	12.5300	5.3947	6.36943	2.1959	7	49.32	193.59
158	24964	3944312	12.5698	5.4061	6.32911	2.1987	8	49.64	196.07
159	25281	4019679	12.6095	5.4175	6.28931	2.2014	9	49.95	198.56
160	25600	4096000	12.6491	5.4288	6.25000	2.2041	16.0	50.27	201.06
161	25921	4173281	12.6886	5.4401	6.21118	2.2068	1	50.58	203.58
162	26244	4251528	12.7279	5.4514	6.17284	2.2095	2	50.89	206.12
163	26569	4330747	12.7671	5.4626	6.13497	2.2122	3	51.21	208.67
164	26896	4410944	12.8062	5.4737	6.09756	2.2148	4	51.52	211.24
165	27225	4492125	12.8452	5.4848	6.06061	2.2175	5	51.84	213.82
166	27556	4574296	12.8841	5.4959	6.02410	2.2201	6	52.15	216.42
167	27889	4657463	12.9228	5.5069	5.98802	2.2227	7	52.46	219.04
168	28224	4741632	12.9615	5.5178	5.95233	2.2253	8	52.78	221.67
169	28561	4826809	13.0000	5.5288	5.91716	2.2279	9	53.09	224.32
170	28900	4913000	13.0384	5.5397	5.88235	2.2304	17.0	53.41	226.98
171	29241	5000211	13.0767	5.5505	5.84795	2.2330	1	53.72	229.66
172	29584	5088448	13.1149	5.5613	5.81395	2.2355	2	54.04	232.35
173	29929	5177717	13.1529	5.5721	5.78035	2.2380	3	54.35	235.06
174	30276	5268024	13.1909	5.5828	5.74713	2.2405	4	54.66	237.79
175	30625	5359375	13.2288	5.5934	5.71429	2.2430	5	54.98	240.53
176	30976	5451776	13.2665	5.6041	5.68182	2.2455	6	55.29	243.28
177	31329	5545233	13.3041	5.6147	5.64972	2.2480	7	55.61	246.06
178	31684	5639752	13.3417	5.6252	5.61798	2.2504	8	55.92	248.85
179	32041	5735339	13.3791	5.6357	5.58659	2.2529	9	56.23	251.65
180	32400	5832000	13.4164	5.6462	5.55556	2.2553	18.0	56.55	254.47
181	32761	5929741	13.4536	5.6567	5.52486	2.2577	1	56.86	257.30
182	33124	6028568	13.4907	5.6671	5.49451	2.2601	2	57.18	260.16
183	33489	6128487	13.5277	5.6774	5.46448	2.2625	3	57.49	263.02
184	33856	6229504	13.5647	5.6877	5.43478	2.2648	4	57.81	265.90
185	34225	6331625	13.6015	5.6980	5.40541	2.2672	5	58.12	268.80
186	34596	6434856	13.6382	5.7083	5.37634	2.2695	6	58.43	271.72
187	34969	6539203	13.6748	5.7185	5.34759	2.2718	7	58.75	274.65
188	35344	6644672	13.7113	5.7287	5.31915	2.2742	8	59.06	277.59
189	35721	6751269	13.7477	5.7388	5.29101	2.2765	9	59.38	280.55
190	36100	6859000	13.7840	5.7489	5.26316	2.2788	19.0	59.69	283.53
191	36481	6967871	13.8203	5.7590	5.23560	2.2810	1	60.00	286.52
192	36864	7077888	13.8564	5.7690	5.20833	2.2833	2	60.32	289.53
193	37249	7189057	13.8924	5.7790	5.18135	2.2856	3	60.63	292.55
194	37636	7301384	13.9284	5.7890	5.15464	2.2878	4	60.95	295.59
195	38025	7414875	13.9642	5.7989	5.12821	2.2900	5	61.26	298.65
196	38416	7529536	14.0000	5.8088	5.10204	2.2923	6	61.58	301.72
197	38809	7645379	14.0357	5.8186	5.07614	2.2945	7	61.89	304.81
198	39204	7762392	14.0712	5.8285	5.05051	2.2967	8	62.20	307.91
199	39601	7880599	14.1067	5.8383	5.02513	2.2989	9	62.52	311.03
200	40000	8000000	14.1421	5.8480	5.00000	2.3010	20.0	62.83	314.16

n	n^2	n^3	$\sqrt{n}$	$\sqrt[3]{n}$	$\frac{1000}{n}$	$\lg n$	d	dx	$\frac{d^2x}{dx^2}$
201	40401	8120601	14.1774	5.8578	4.97512	2.3032	20.1	63.15	317.31
202	40804	8242408	14.2127	5.8675	4.95050	2.3064	2	63.46	320.47
203	41209	8365427	14.2478	5.8771	4.92611	2.3075	3	63.77	323.65
204	41616	8489664	14.2829	5.8868	4.90196	2.3096	4	64.09	326.85
205	42025	8615125	14.3178	5.8964	4.87805	2.3118	5	64.40	330.06
206	42436	8741816	14.3527	5.9059	4.85437	2.3139	6	64.72	333.29
207	42849	8869743	14.3875	5.9155	4.83092	2.3160	7	65.03	336.54
208	43264	8998912	14.4222	5.9250	4.80769	2.3181	8	65.35	339.79
209	43681	9129329	14.4568	5.9345	4.78469	2.3202	9	65.66	343.07
210	44100	9261000	14.4914	5.9439	4.76190	2.3222	21.0	65.97	346.36
211	44521	9393931	14.5258	5.9533	4.73934	2.3243	1	66.29	349.67
212	44944	9528128	14.5602	5.9627	4.71698	2.3263	2	66.60	352.99
213	45369	9663597	14.5945	5.9721	4.69484	2.3284	3	66.92	356.33
214	45796	9800344	14.6287	5.9814	4.67292	2.3304	4	67.23	359.68
215	46225	9938375	14.6629	5.9907	4.65116	2.3324	5	67.54	363.05
216	46656	10077696	14.6969	6.0000	4.62963	2.3344	6	67.86	366.44
217	47089	10218313	14.7309	6.0092	4.60829	2.3365	7	68.17	369.84
218	47524	10360232	14.7648	6.0185	4.58716	2.3385	8	68.49	373.25
219	47961	10503459	14.7986	6.0277	4.56621	2.3404	9	68.80	376.68
220	48400	10648000	14.8324	6.0368	4.54545	2.3424	22.0	69.12	380.13
221	48841	10793861	14.8661	6.0459	4.52489	2.3444	1	69.43	383.60
222	49284	10941048	14.8997	6.0550	4.50450	2.3464	2	69.74	387.08
223	49729	11089567	14.9332	6.0641	4.48430	2.3483	3	70.06	390.57
224	50176	11239424	14.9666	6.0732	4.46429	2.3502	4	70.37	394.08
225	50625	11390625	15.0000	6.0822	4.44444	2.3522	5	70.69	397.61
226	51076	11543176	15.0333	6.0912	4.42478	2.3541	6	71.00	401.15
227	51529	11697083	15.0665	6.1002	4.40529	2.3560	7	71.31	404.71
228	51984	11852352	15.0997	6.1091	4.38596	2.3579	8	71.63	408.28
229	52441	12008989	15.1327	6.1180	4.36681	2.3598	9	71.94	411.87
230	52900	12167000	15.1658	6.1269	4.34783	2.3617	23.0	72.26	415.48
231	53361	12326391	15.1987	6.1358	4.32900	2.3636	1	72.57	419.10
232	53824	12487168	15.2315	6.1446	4.31034	2.3655	2	72.88	422.73
233	54289	12649337	15.2643	6.1534	4.29185	2.3674	3	73.20	426.38
234	54756	12812904	15.2971	6.1622	4.27356	2.3692	4	73.51	430.05
235	55225	12977875	15.3297	6.1710	4.25532	2.3711	5	73.83	433.74
236	55696	13144256	15.3623	6.1797	4.23729	2.3729	6	74.14	437.44
237	56169	13312053	15.3948	6.1885	4.21941	2.3747	7	74.46	441.15
238	56644	13481272	15.4272	6.1972	4.20168	2.3766	8	74.77	444.88
239	57121	13651919	15.4596	6.2058	4.18410	2.3784	9	75.08	448.63
240	57600	13824000	15.4919	6.2145	4.16667	2.3802	24.0	75.40	452.39
241	58081	13997521	15.5242	6.2231	4.14938	2.3820	1	75.71	456.17
242	58564	14172488	15.5563	6.2317	4.13223	2.3838	2	76.03	459.96
243	59049	14348907	15.5885	6.2403	4.11523	2.3856	3	76.34	463.77
244	59536	14526784	15.6205	6.2488	4.09836	2.3874	4	76.65	467.59
245	60025	14706125	15.6525	6.2573	4.08163	2.3892	5	76.97	471.44
246	60516	14886936	15.6844	6.2658	4.06504	2.3909	6	77.28	475.29
247	61009	15069223	15.7162	6.2743	4.04858	2.3927	7	77.60	479.16
248	61504	15252992	15.7480	6.2828	4.03226	2.3945	8	77.91	483.05
249	62001	15438249	15.7797	6.2912	4.01606	2.3962	9	78.23	486.95
250	62500	15625000	15.8114	6.2996	4.00000	2.3979	25.0	78.54	490.87

n	n^2	n^3	$\sqrt{n}$	$\sqrt[3]{n}$	$\frac{1000}{n}$	$\lg n$	d	dx	$\frac{d^2x}{4}$
251	63001	15813251	15.8430	6.3080	3.98406	2.3997	25.1	78.85	494.81
252	63504	16003008	15.8745	6.3164	3.96825	2.4014	2	79.17	498.76
253	64009	16194277	15.9060	6.3247	3.95257	2.4031	3	79.48	502.73
254	64516	16387064	15.9374	6.3330	3.93701	2.4048	4	79.80	506.71
255	65025	16581375	15.9687	6.3413	3.92157	2.4065	5	80.11	510.91
256	65536	16777216	16.0000	6.3496	3.90625	2.4082	6	80.42	514.72
257	66049	16974593	16.0312	6.3579	3.89105	2.4099	7	80.74	518.75
258	66564	17173512	16.0624	6.3661	3.87597	2.4116	8	81.05	522.79
259	67081	17373979	16.0935	6.3743	3.86100	2.4133	9	81.37	526.85
260	67600	17576000	16.1245	6.3825	3.84615	2.4150	26.0	81.68	530.93
261	68121	17779581	16.1555	6.3907	3.83142	2.4166	1	82.00	535.02
262	68644	17984728	16.1864	6.3988	3.81679	2.4183	2	82.31	539.13
263	69169	18191447	16.2173	6.4070	3.80228	2.4200	3	82.62	543.25
264	69696	18399744	16.2481	6.4151	3.78788	2.4216	4	82.94	547.39
265	70225	18609625	16.2788	6.4232	3.77358	2.4232	5	83.25	551.55
266	70756	18821096	16.3095	6.4312	3.75940	2.4249	6	83.57	555.72
267	71289	19034183	16.3401	6.4393	3.74532	2.4265	7	83.88	559.90
268	71824	19248832	16.3707	6.4473	3.73134	2.4281	8	84.19	564.10
269	72361	19465108	16.4012	6.4553	3.71747	2.4298	9	84.51	568.32
270	72900	19683000	16.4317	6.4633	3.70370	2.4314	27.0	84.82	572.56
271	73441	19902511	16.4621	6.4713	3.69004	2.4330	1	85.14	576.80
272	73984	20123648	16.4924	6.4792	3.67647	2.4346	2	85.45	581.07
273	74529	20346417	16.5227	6.4872	3.66300	2.4362	3	85.77	585.35
274	75076	20570824	16.5529	6.4951	3.64964	2.4378	4	86.08	589.65
275	75625	20796875	16.5831	6.5030	3.63636	2.4393	5	86.39	593.96
276	76176	21024576	16.6132	6.5108	3.62319	2.4409	6	86.71	598.23
277	76729	21253933	16.6433	6.5187	3.61011	2.4425	7	87.02	602.63
278	77284	21484952	16.6733	6.5265	3.59712	2.4440	8	87.34	606.99
279	77841	21717639	16.7033	6.5343	3.58423	2.4456	9	87.65	611.36
280	78400	21952000	16.7332	6.5421	3.57143	2.4472	28.0	87.96	615.75
281	78961	22188041	16.7631	6.5499	3.55872	2.4487	1	88.28	620.16
282	79524	22425768	16.7929	6.5577	3.54610	2.4502	2	88.59	624.58
283	80089	22665187	16.8226	6.5654	3.53357	2.4518	3	88.91	629.02
284	80656	22906304	16.8523	6.5731	3.52113	2.4533	4	89.22	633.47
285	81225	23149125	16.8819	6.5808	3.50877	2.4548	5	89.54	637.94
286	81796	23393656	16.9115	6.5885	3.49650	2.4564	6	89.85	642.42
287	82369	23639903	16.9411	6.5962	3.48432	2.4579	7	90.16	646.92
288	82944	23887872	16.9706	6.6039	3.47222	2.4594	8	90.48	651.44
289	83521	24137569	17.0000	6.6115	3.46021	2.4609	9	90.79	655.97
290	84100	24389000	17.0294	6.6191	3.44828	2.4624	29.0	91.11	660.52
291	84681	24642171	17.0587	6.6267	3.43643	2.4639	1	91.42	665.09
292	85264	24897088	17.0880	6.6343	3.42466	2.4654	2	91.73	669.66
293	85849	25153757	17.1172	6.6419	3.41297	2.4669	3	92.05	674.26
294	86436	25412184	17.1464	6.6494	3.40136	2.4683	4	92.36	678.87
295	87025	25672375	17.1756	6.6569	3.38983	2.4698	5	92.68	683.49
296	87616	25934336	17.2047	6.6644	3.37838	2.4713	6	92.99	688.13
297	88209	26198073	17.2337	6.6719	3.36700	2.4728	7	93.31	692.79
298	88804	26463592	17.2627	6.6794	3.35570	2.4742	8	93.62	697.47
299	89401	26730899	17.2916	6.6869	3.34448	2.4757	9	93.93	702.15
300	90000	27000000	17.3205	6.6943	3.33333	2.4771	30.0	94.25	706.86

n	n^2	n^3	$\sqrt{n}$	$\sqrt[3]{n}$	$\frac{1000}{n}$	$\lg n$	d	dx	$\frac{d^2x}{x}$
301	90601	27270901	17.3494	6.7018	3.32226	2.4786	30.1	94.56	711.58
302	91204	27543608	17.3781	6.7092	3.31126	2.4800	2	94.89	716.31
303	91809	27818127	17.4069	6.7166	3.30033	2.4814	3	95.19	721.07
304	92416	28094464	17.4356	6.7240	3.28947	2.4829	4	95.50	725.83
305	93025	28372625	17.4642	6.7313	3.27869	2.4843	5	95.82	730.62
306	93636	28652616	17.4929	6.7387	3.26797	2.4857	6	96.13	735.42
307	94249	28934413	17.5214	6.7460	3.25733	2.4871	7	96.45	740.23
308	94864	29218112	17.5499	6.7533	3.24675	2.4886	8	96.76	745.06
309	95481	29503629	17.5784	6.7606	3.23625	2.4900	9	97.08	749.91
310	96100	29791000	17.6068	6.7679	3.22581	2.4914	31.0	97.39	754.77
311	96721	30080231	17.6352	6.7752	3.21543	2.4928	1	97.70	759.64
312	97344	30371328	17.6635	6.7824	3.20513	2.4942	2	98.02	764.54
313	97969	30664297	17.6918	6.7897	3.19489	2.4955	3	98.33	769.45
314	98596	30959144	17.7200	6.7969	3.18471	2.4969	4	98.65	774.37
315	99225	31255875	17.7482	6.8041	3.17460	2.4983	5	98.96	779.31
316	99856	31554496	17.7764	6.8113	3.16456	2.4997	6	99.27	784.27
317	100489	31855013	17.8045	6.8185	3.15457	2.5011	7	99.59	789.24
318	101124	32157432	17.8326	6.8256	3.14465	2.5024	8	99.90	794.23
319	101761	32461759	17.8606	6.8328	3.13480	2.5038	9	100.22	799.23
320	102400	32768000	17.8885	6.8399	3.12500	2.5051	32.0	100.53	804.25
321	103041	33076161	17.9165	6.8470	3.11528	2.5065	1	100.8	809.28
322	103684	33386248	17.9444	6.8541	3.10559	2.5079	2	101.2	814.33
323	104329	33698267	17.9722	6.8612	3.09598	2.5092	3	101.5	819.40
324	104976	34012224	18.0000	6.8683	3.08642	2.5105	4	101.8	824.48
325	105625	34328125	18.0278	6.8753	3.07692	2.5119	5	102.1	829.58
326	106276	34645976	18.0555	6.8824	3.06748	2.5132	6	102.4	834.69
327	106929	34965783	18.0831	6.8894	3.05810	2.5145	7	102.7	839.82
328	107584	35287552	18.1108	6.8964	3.04878	2.5159	8	103.0	844.96
329	108241	35611289	18.1384	6.9034	3.03951	2.5172	9	103.4	850.12
330	108900	35937000	18.1659	6.9104	3.03030	2.5185	33.0	103.7	855.30
331	109561	36264691	18.1934	6.9174	3.02115	2.5198	1	104.0	860.49
332	110224	36594368	18.2209	6.9244	3.01205	2.5211	2	104.3	865.70
333	110889	36926037	18.2483	6.9313	3.00300	2.5224	3	104.6	870.92
334	111556	37259704	18.2757	6.9382	2.99401	2.5237	4	104.9	876.16
335	112225	37595375	18.3030	6.9451	2.98507	2.5250	5	105.2	881.41
336	112896	37933056	18.3303	6.9521	2.97619	2.5263	6	105.6	886.68
337	113569	38272753	18.3576	6.9590	2.96736	2.5276	7	105.9	891.97
338	114244	38614472	18.3848	6.9658	2.95858	2.5289	8	106.3	897.27
339	114921	38958319	18.4120	6.9727	2.94985	2.5302	9	106.5	902.59
340	115600	39304000	18.4391	6.9795	2.94118	2.5315	34.0	106.8	907.92
341	116281	39651821	18.4662	6.9864	2.93255	2.5328	1	107.1	913.27
342	116964	40001688	18.4932	6.9932	2.92398	2.5340	2	107.4	918.63
343	117649	40353607	18.5203	7.0000	2.91545	2.5353	3	107.8	924.01
344	118336	40707584	18.5472	7.0068	2.90693	2.5366	4	108.1	929.41
345	119025	41063625	18.5742	7.0136	2.89855	2.5378	5	108.4	934.83
346	119716	41421736	18.6011	7.0203	2.89017	2.5391	6	108.7	940.25
347	120409	41781923	18.6279	7.0271	2.88184	2.5403	7	109.0	945.69
348	121104	42144192	18.6549	7.0338	2.87356	2.5416	8	109.3	951.15
349	121801	42508549	18.6815	7.0406	2.86533	2.5428	9	109.6	956.62
350	122500	42875000	18.7083	7.0473	2.85714	2.5441	35.0	110.0	962.11

n	n^2	n^3	$\sqrt{n}$	$\sqrt[3]{n}$	$\frac{1000}{n}$	$\lg n$	d	$d\pi$	$\frac{d^2\pi}{4}$
351	123201	43243551	18.7350	7.0540	2.84900	2.5453	35.1	110.3	967.62
352	123904	43614208	18.7617	7.0607	2.84091	2.5465	2	110.6	973.14
353	124609	43986977	18.7883	7.0674	2.83286	2.5478	8	110.9	978.63
354	125316	44361864	18.8149	7.0740	2.82486	2.5490	4	111.2	984.23
355	126025	44738875	18.8414	7.0807	2.81690	2.5502	5	111.5	989.80
356	126736	45118016	18.8680	7.0873	2.80899	2.5514	6	111.8	995.38
357	127449	45499293	18.8944	7.0940	2.80112	2.5527	7	112.2	1000.98
358	128164	45882712	18.9209	7.1006	2.79330	2.5539	8	112.5	1006.60
359	128881	46268279	18.9472	7.1072	2.78552	2.5551	9	112.8	1012.23
360	129600	46656000	18.9737	7.1138	2.77778	2.5563	36.0	113.1	1017.87
361	130321	47045881	19.0000	7.1204	2.77008	2.5575	1	113.4	1023.54
362	131044	47437928	19.0263	7.1269	2.76243	2.5587	2	113.7	1029.22
363	131769	47832147	19.0526	7.1335	2.75482	2.5599	3	114.0	1034.91
364	132496	48228544	19.0788	7.1400	2.74725	2.5611	4	114.4	1040.62
365	133225	48627125	19.1050	7.1466	2.73973	2.5623	5	114.7	1046.35
366	133956	49027896	19.1311	7.1531	2.73224	2.5635	6	115.0	1052.09
367	134689	49430863	19.1572	7.1596	2.72480	2.5647	7	115.3	1057.85
368	135424	49836032	19.1833	7.1661	2.71739	2.5658	8	115.6	1063.62
369	136161	50243409	19.2094	7.1726	2.71003	2.5670	9	115.9	1069.41
370	136900	50653000	19.2354	7.1791	2.70270	2.5682	37.0	116.2	1075.21
371	137641	51064811	19.2614	7.1855	2.69542	2.5694	1	116.6	1081.03
372	138384	51478848	19.2873	7.1920	2.68817	2.5705	2	116.9	1086.87
373	139129	51895117	19.3132	7.1984	2.68097	2.5717	3	117.2	1092.72
374	139876	52313624	19.3391	7.2048	2.67380	2.5729	4	117.5	1098.58
375	140625	52734375	19.3649	7.2112	2.66667	2.5740	5	117.8	1104.47
376	141376	53157376	19.3907	7.2177	2.65957	2.5752	6	118.1	1110.4
377	142129	53582633	19.4165	7.2240	2.65252	2.5763	7	118.4	1116.3
378	142884	54010152	19.4422	7.2304	2.64550	2.5775	8	118.8	1122.2
379	143641	54439939	19.4679	7.2368	2.63852	2.5786	9	119.1	1128.1
380	144400	54872000	19.4936	7.2432	2.63158	2.5798	38.0	119.4	1134.1
381	145161	55306341	19.5192	7.2495	2.62467	2.5809	1	119.7	1140.1
382	145924	55742968	19.5448	7.2558	2.61780	2.5821	2	120.0	1146.1
383	146689	56181887	19.5704	7.2622	2.61097	2.5832	3	120.3	1152.1
384	147456	56623104	19.5959	7.2685	2.60417	2.5843	4	120.6	1158.1
385	148225	57066625	19.6214	7.2748	2.59740	2.5855	5	121.0	1164.2
386	148996	57512456	19.6469	7.2811	2.59067	2.5866	6	121.3	1170.2
387	149769	57960603	19.6723	7.2874	2.58398	2.5877	7	121.6	1176.3
388	150544	58411072	19.6977	7.2936	2.57732	2.5888	8	121.9	1182.4
389	151321	58863880	19.7231	7.2999	2.57069	2.5899	9	122.2	1188.5
390	152100	59319000	19.7484	7.3061	2.56410	2.5911	39.0	122.5	1194.6
391	152881	59776471	19.7737	7.3124	2.55754	2.5922	1	122.8	1200.7
392	153664	60236288	19.7990	7.3186	2.55102	2.5933	2	123.2	1206.9
393	154449	60698457	19.8242	7.3248	2.54453	2.5944	3	123.5	1213.0
394	155236	61162984	19.8494	7.3310	2.53807	2.5955	4	123.8	1219.2
395	156025	61629875	19.8746	7.3372	2.53165	2.5966	5	124.1	1225.4
396	156816	62099136	19.8997	7.3434	2.52525	2.5977	6	124.4	1231.6
397	157609	62570773	19.9249	7.3496	2.51889	2.5988	7	124.7	1237.9
398	158404	63044792	19.9499	7.3558	2.51256	2.5999	8	125.0	1244.1
399	159201	63521199	19.9750	7.3619	2.50627	2.6010	9	125.3	1250.4
400	160000	64000000	20.0000	7.3681	2.50000	2.6021	40.0	125.7	1256.8

n	n^2	n^3	$\sqrt{n}$	$\sqrt[3]{n}$	$\frac{1000}{n}$	$\lg n$	d	dn	$\frac{d^2n}{4}$
401	160801	64481201	20.0250	7.3742	2.49377	2.6031	40.1	126.0	1262.9
402	161604	64964808	20.0499	7.3803	2.48756	2.6042	2	126.9	1269.2
403	162409	65450827	20.0749	7.3864	2.48139	2.6053	3	127.8	1275.6
404	163216	65939264	20.0998	7.3925	2.47525	2.6064	4	128.7	1281.9
405	164025	66430125	20.1248	7.3986	2.46914	2.6075	5	129.6	1288.2
406	164836	66923416	20.1494	7.4047	2.46305	2.6085	6	130.5	1294.6
407	165649	67419149	20.1742	7.4108	2.45700	2.6096	7	131.4	1301.0
408	166464	67917312	20.1990	7.4169	2.45098	2.6107	8	132.3	1307.4
409	167281	68417929	20.2237	7.4229	2.44499	2.6117	9	133.2	1313.8
410	168100	68921000	20.2485	7.4290	2.43902	2.6128	41.0	134.1	1320.2
411	168921	69426531	20.2731	7.4350	2.43309	2.6138	1	135.0	1326.7
412	169744	69934528	20.2978	7.4410	2.42718	2.6149	2	135.9	1333.2
413	170569	70444997	20.3224	7.4470	2.42131	2.6160	3	136.8	1339.6
414	171396	70957944	20.3470	7.4530	2.41546	2.6170	4	137.7	1346.1
415	172225	71473375	20.3715	7.4590	2.40964	2.6180	5	138.6	1352.7
416	173056	71991296	20.3961	7.4650	2.40385	2.6191	6	139.5	1359.2
417	173889	72511713	20.4208	7.4710	2.39809	2.6201	7	140.4	1365.7
418	174724	73034632	20.4450	7.4770	2.39234	2.6212	8	141.3	1372.3
419	175561	73560059	20.4695	7.4829	2.38663	2.6222	9	142.2	1378.9
420	176400	74088000	20.4939	7.4889	2.38095	2.6232	42.0	143.1	1385.4
421	177241	74618461	20.5183	7.4948	2.37530	2.6243	1	144.0	1392.0
422	178084	75151448	20.5426	7.5007	2.36967	2.6253	2	144.9	1398.7
423	178929	75686967	20.5670	7.5067	2.36407	2.6263	3	145.8	1405.3
424	179776	76225024	20.5913	7.5126	2.35849	2.6274	4	146.7	1412.0
425	180625	76765625	20.6155	7.5185	2.35294	2.6284	5	147.6	1418.6
426	181476	77308776	20.6398	7.5244	2.34742	2.6294	6	148.5	1425.3
427	182329	77854483	20.6640	7.5303	2.34192	2.6304	7	149.4	1432.0
428	183184	78402752	20.6882	7.5361	2.33645	2.6314	8	150.3	1438.7
429	184041	78953589	20.7123	7.5420	2.33100	2.6325	9	151.2	1445.5
430	184900	79507000	20.7364	7.5478	2.32558	2.6335	43.0	152.1	1452.2
431	185761	80062991	20.7605	7.5537	2.32019	2.6345	1	153.0	1459.0
432	186624	80621568	20.7846	7.5595	2.31481	2.6356	2	153.9	1465.7
433	187489	81182737	20.8087	7.5654	2.30947	2.6366	3	154.8	1472.5
434	188356	81746504	20.8327	7.5713	2.30415	2.6375	4	155.7	1479.3
435	189225	82312875	20.8567	7.5770	2.29885	2.6385	5	156.6	1486.2
436	190096	82881856	20.8806	7.5828	2.29358	2.6395	6	157.5	1493.0
437	190969	83453453	20.9045	7.5886	2.28833	2.6405	7	158.4	1499.9
438	191844	84027672	20.9284	7.5944	2.28311	2.6415	8	159.3	1506.7
439	192721	84604519	20.9523	7.6001	2.27790	2.6425	9	160.2	1513.6
440	193600	85184000	20.9762	7.6059	2.27273	2.6435	44.0	161.1	1520.5
441	194481	85766121	21.0000	7.6117	2.26757	2.6444	1	162.0	1527.5
442	195364	86350888	21.0238	7.6174	2.26244	2.6454	2	162.9	1534.4
443	196249	86938307	21.0476	7.6232	2.25734	2.6464	3	163.8	1541.3
444	197136	87528384	21.0713	7.6289	2.25225	2.6474	4	164.7	1548.3
445	198025	88121125	21.0950	7.6346	2.24719	2.6484	5	165.6	1555.3
446	198916	88716536	21.1187	7.6403	2.24215	2.6493	6	166.5	1562.3
447	199809	89314623	21.1424	7.6460	2.23714	2.6503	7	167.4	1569.3
448	200704	89915392	21.1660	7.6517	2.23214	2.6513	8	168.3	1576.3
449	201601	90518849	21.1896	7.6574	2.22717	2.6523	9	169.2	1583.4
450	202500	91125000	21.2132	7.6631	2.22222	2.6532	45.0	170.1	1590.4

n	n^2	n^3	$\sqrt{n}$	$\sqrt[3]{n}$	$\frac{1000}{n}$	$\lg n$	d	$d\pi$	$\frac{d^2\pi}{4}$
451	203401	91733851	21.2368	7.6688	2.21729	2.6542	45.1	141.7	1597.5
452	204304	92345408	21.2603	7.6744	2.21239	2.6551	2	142.0	1604.6
453	205209	92959877	21.2838	7.6801	2.20751	2.6561	3	142.3	1611.7
454	206116	93576664	21.3073	7.6857	2.20264	2.6571	4	142.6	1618.8
455	207025	94196375	21.3307	7.6914	2.19780	2.6580	5	142.9	1626.0
456	207936	94818816	21.3542	7.6970	2.19298	2.6590	6	143.3	1633.1
457	208849	95443993	21.3776	7.7026	2.18818	2.6599	7	143.6	1640.3
458	209764	96071912	21.4009	7.7082	2.18341	2.6609	8	143.9	1647.5
459	210681	96702579	21.4243	7.7138	2.17865	2.6618	9	144.2	1654.7
460	211600	97336000	21.4476	7.7194	2.17391	2.6628	46.0	144.5	1661.9
461	212521	97972181	21.4709	7.7250	2.16920	2.6637	1	144.8	1669.1
462	213444	98611128	21.4942	7.7306	2.16450	2.6646	2	145.1	1676.4
463	214369	99252847	21.5174	7.7362	2.15983	2.6656	3	145.5	1683.7
464	215296	99897344	21.5407	7.7418	2.15517	2.6665	4	145.8	1690.9
465	216225	100544625	21.5639	7.7473	2.15054	2.6675	5	146.1	1698.2
466	217156	101194696	21.5870	7.7529	2.14592	2.6684	6	146.4	1705.5
467	218089	101847563	21.6102	7.7584	2.14133	2.6693	7	146.7	1712.9
468	219024	102503232	21.6333	7.7639	2.13675	2.6702	8	147.0	1720.2
469	219961	103161769	21.6564	7.7695	2.13220	2.6712	9	147.3	1727.6
470	220900	103823000	21.6795	7.7750	2.12766	2.6721	47.0	147.7	1734.9
471	221841	104487111	21.7025	7.7805	2.12314	2.6730	1	148.0	1742.3
472	222784	105154048	21.7256	7.7860	2.11864	2.6739	2	148.3	1749.7
473	223729	105823817	21.7486	7.7915	2.11416	2.6749	3	148.6	1757.2
474	224676	106496424	21.7715	7.7970	2.10970	2.6758	4	148.9	1764.6
475	225625	107171875	21.7945	7.8025	2.10526	2.6767	5	149.2	1772.1
476	226576	107850177	21.8174	7.8079	2.10084	2.6776	6	149.5	1779.5
477	227529	108531333	21.8403	7.8134	2.09644	2.6785	7	149.9	1787.0
478	228484	109215352	21.8632	7.8188	2.09205	2.6794	8	150.2	1794.5
479	229441	109902239	21.8861	7.8243	2.08768	2.6803	9	150.5	1802.0
480	230400	110592000	21.9089	7.8297	2.08333	2.6812	48.0	150.8	1809.6
481	231361	111284641	21.9317	7.8352	2.07900	2.6821	1	151.1	1817.1
482	232324	111980168	21.9545	7.8406	2.07469	2.6830	2	151.4	1824.7
483	233289	112678587	21.9773	7.8460	2.07039	2.6839	3	151.7	1832.2
484	234256	113379904	22.0000	7.8514	2.06612	2.6848	4	152.1	1839.8
485	235225	114084125	22.0227	7.8568	2.06186	2.6857	5	152.4	1847.5
486	236196	114791256	22.0454	7.8622	2.05761	2.6866	6	152.7	1855.1
487	237169	115501303	22.0681	7.8676	2.05339	2.6875	7	153.0	1862.7
488	238144	116214272	22.0907	7.8730	2.04918	2.6884	8	153.3	1870.4
489	239121	116930169	22.1133	7.8784	2.04499	2.6893	9	153.6	1878.1
490	240100	117649000	22.1359	7.8837	2.04082	2.6902	49.0	153.9	1885.7
491	241081	118370771	22.1585	7.8891	2.03666	2.6911	1	154.3	1893.4
492	242064	119095488	22.1812	7.8944	2.03252	2.6920	2	154.6	1901.2
493	243049	119823157	22.2038	7.8998	2.02840	2.6928	3	154.9	1908.9
494	244036	120553784	22.2263	7.9051	2.02429	2.6937	4	155.2	1916.7
495	245025	121287375	22.2488	7.9105	2.02020	2.6946	5	155.5	1924.4
496	246016	122023936	22.2711	7.9158	2.01613	2.6955	6	155.8	1932.2
497	247009	122763473	22.2935	7.9212	2.01207	2.6964	7	156.1	1940.0
498	248004	123505992	22.3159	7.9264	2.00803	2.6972	8	156.5	1947.8
499	249001	124251499	22.3383	7.9317	2.00401	2.6981	9	156.8	1955.6
500	250000	125000000	22.3607	7.9370	2.00000	2.6990	50.0	157.1	1963.5

n	n^2	n^3	$\sqrt{n}$	$\sqrt[3]{n}$	$\frac{1000}{n}$	$\lg n$	d	$d\pi$	$\frac{d^2\pi}{4}$
501	251001	126751501	22.3830	7.9423	1.99601	2.6998	50.1	157.4	1971.4
502	252004	126506008	22.4034	7.9476	1.99203	2.7007	2	157.7	1979.2
503	253009	127263527	22.4277	7.9528	1.98807	2.7016	3	158.0	1987.1
504	254016	128024064	22.4499	7.9581	1.98413	2.7024	4	158.3	1995.0
505	255025	128787625	22.4722	7.9634	1.98020	2.7033	5	158.7	2003.0
506	256036	129554316	22.4944	7.9686	1.97628	2.7042	6	159.0	2010.9
507	257049	130323843	22.5167	7.9739	1.97239	2.7050	7	159.3	2018.9
508	258064	131096512	22.5389	7.9791	1.96850	2.7059	8	159.6	2026.8
509	259081	131872329	22.5610	7.9843	1.96454	2.7067	9	159.9	2034.8
510	260100	132651000	22.5832	7.9896	1.96078	2.7076	51.0	160.2	2042.8
511	261121	133432831	22.6053	7.9948	1.95695	2.7084	1	160.5	2050.8
512	262144	134217728	22.6274	8.0000	1.95312	2.7093	2	160.8	2058.9
513	263169	135005697	22.6495	8.0052	1.94932	2.7101	3	161.2	2066.9
514	264196	135796744	22.6716	8.0104	1.94553	2.7110	4	161.5	2075.0
515	265225	136590875	22.6936	8.0156	1.94175	2.7118	5	161.8	2083.1
516	266256	137388096	22.7156	8.0208	1.93799	2.7126	6	162.1	2091.2
517	267289	138188413	22.7376	8.0260	1.93424	2.7135	7	162.4	2099.3
518	268324	138991832	22.7596	8.0311	1.93050	2.7143	8	162.7	2107.4
519	269361	139798359	22.7816	8.0363	1.92678	2.7152	9	163.0	2115.6
520	270400	140608000	22.8035	8.0415	1.92308	2.7160	52.0	163.4	2123.7
521	271441	141420762	22.8254	8.0466	1.91939	2.7169	1	163.7	2131.9
522	272484	142236648	22.8473	8.0517	1.91571	2.7177	2	164.0	2140.1
523	273529	143055667	22.8692	8.0568	1.91205	2.7185	3	164.3	2148.3
524	274576	143877824	22.8910	8.0620	1.90840	2.7193	4	164.6	2156.5
525	275625	144703125	22.9129	8.0671	1.90476	2.7202	5	164.9	2164.8
526	276676	145531576	22.9347	8.0723	1.90114	2.7210	6	165.2	2173.0
527	277729	146363183	22.9565	8.0774	1.89753	2.7218	7	165.6	2181.3
528	278784	147197952	22.9783	8.0825	1.89394	2.7226	8	165.9	2189.6
529	279841	148035889	23.0000	8.0876	1.89036	2.7235	9	166.2	2197.9
530	280900	148877000	23.0217	8.0927	1.88679	2.7243	53.0	166.5	2206.2
531	281961	149721291	23.0434	8.0978	1.88324	2.7251	1	166.8	2214.5
532	283024	150568768	23.0651	8.1028	1.87970	2.7259	2	167.1	2222.9
533	284089	151419437	23.0868	8.1079	1.87617	2.7267	3	167.4	2231.2
534	285156	152273304	23.1084	8.1130	1.87266	2.7275	4	167.8	2239.6
535	286225	153130375	23.1301	8.1180	1.86916	2.7284	5	168.1	2248.0
536	287296	153990656	23.1517	8.1231	1.86567	2.7292	6	168.4	2256.4
537	288369	154854153	23.1733	8.1281	1.86220	2.7300	7	168.7	2264.8
538	289444	155720872	23.1948	8.1332	1.85874	2.7308	8	169.0	2273.3
539	290521	156590819	23.2164	8.1382	1.85529	2.7316	9	169.3	2281.8
540	291600	157463000	23.2379	8.1433	1.85185	2.7324	54.0	169.6	2290.2
541	292681	158338421	23.2594	8.1483	1.84843	2.7332	1	170.0	2298.7
542	293764	159220088	23.2809	8.1533	1.84502	2.7340	2	170.3	2307.2
543	294849	160103007	23.3024	8.1583	1.84162	2.7348	3	170.6	2315.7
544	295936	160989184	23.3238	8.1633	1.83824	2.7356	4	170.9	2324.3
545	297025	161878625	23.3452	8.1683	1.83486	2.7364	5	171.2	2332.8
546	298116	162771336	23.3666	8.1733	1.83150	2.7372	6	171.5	2341.4
547	299209	163667323	23.3880	8.1783	1.82815	2.7380	7	171.8	2350.0
548	300304	164566592	23.4094	8.1833	1.82482	2.7388	8	172.2	2358.6
549	301401	165469149	23.4307	8.1882	1.82149	2.7396	9	172.6	2367.2
550	302500	166375000	23.4521	8.1932	1.81818	2.7404	55.0	172.8	2375.8

n	n^2	n^3	$\sqrt{n}$	$\sqrt[3]{n}$	$\frac{1000}{n}$	$\lg n$	d	$d\pi$	$\frac{d^2\pi}{4}$
551	303601	167284181	23.4734	8.1982	1.81488	2.7412	55.1	173.1	2384.5
552	304704	168196608	23.4947	8.2031	1.81159	2.7419	2	173.4	2393.1
553	305809	169112377	23.5160	8.2081	1.80832	2.7427	3	173.7	2401.8
554	306916	170031484	23.5372	8.2130	1.80505	2.7435	4	174.0	2410.5
555	308025	170953875	23.5584	8.2180	1.80180	2.7443	5	174.4	2419.2
556	309136	171879616	23.5797	8.2229	1.79856	2.7451	6	174.7	2427.9
557	310249	172808893	23.6008	8.2278	1.79532	2.7459	7	175.0	2436.7
558	311364	173741112	23.6220	8.2327	1.79211	2.7466	8	175.3	2445.4
559	312481	174676879	23.6432	8.2377	1.78891	2.7474	9	175.6	2454.2
560	313600	175616000	23.6643	8.2426	1.78571	2.7482	56.0	175.9	2463.0
561	314721	176558481	23.6854	8.2475	1.78253	2.7490	1	176.2	2471.8
562	315844	177504328	23.7065	8.2524	1.77936	2.7497	2	176.6	2480.6
563	316969	178453547	23.7276	8.2573	1.77620	2.7505	3	176.9	2489.5
564	318096	179406144	23.7487	8.2621	1.77305	2.7513	4	177.2	2498.3
565	319225	180362125	23.7697	8.2670	1.76991	2.7521	5	177.5	2507.2
566	320356	181321496	23.7908	8.2719	1.76678	2.7528	6	177.8	2516.1
567	321489	182284268	23.8118	8.2768	1.76367	2.7536	7	178.1	2525.0
568	322624	183250432	23.8328	8.2816	1.76058	2.7543	8	178.4	2533.9
569	323761	184220009	23.8537	8.2865	1.75747	2.7551	9	178.8	2542.8
570	324900	185193000	23.8747	8.2913	1.75439	2.7559	57.0	179.1	2551.8
571	326041	186169411	23.8956	8.2962	1.75131	2.7566	1	179.4	2560.7
572	327184	187149248	23.9165	8.3010	1.74825	2.7574	2	179.7	2569.7
573	328329	188132517	23.9374	8.3059	1.74520	2.7582	3	180.0	2578.7
574	329476	189119224	23.9583	8.3107	1.74216	2.7589	4	180.3	2587.7
575	330625	190109375	23.9792	8.3155	1.73913	2.7597	5	180.6	2596.7
576	331776	191102976	24.0000	8.3203	1.73611	2.7604	6	181.0	2605.8
577	332929	192100039	24.0208	8.3251	1.73310	2.7612	7	181.3	2614.8
578	334084	193100552	24.0416	8.3300	1.73010	2.7619	8	181.6	2623.9
579	335241	194104533	24.0624	8.3348	1.72712	2.7627	9	181.9	2633.0
580	336400	195112000	24.0832	8.3396	1.72414	2.7634	58.0	182.2	2642.1
581	337561	196122941	24.1039	8.3443	1.72117	2.7642	1	182.5	2651.2
582	338724	197137368	24.1247	8.3491	1.71821	2.7649	2	182.8	2660.3
583	339889	198155287	24.1454	8.3539	1.71527	2.7657	3	183.2	2669.5
584	341056	199176704	24.1661	8.3587	1.71233	2.7664	4	183.5	2678.7
585	342225	200201625	24.1868	8.3634	1.70940	2.7672	5	183.8	2687.8
586	343396	201230056	24.2074	8.3682	1.70648	2.7679	6	184.1	2697.0
587	344569	202262003	24.2281	8.3730	1.70359	2.7686	7	184.4	2706.2
588	345744	203297472	24.2487	8.3777	1.70068	2.7694	8	184.7	2715.5
589	346921	204336469	24.2693	8.3825	1.69779	2.7701	9	185.0	2724.7
590	348100	205379000	24.2899	8.3872	1.69492	2.7709	59.0	185.4	2734.0
591	349281	206425071	24.3105	8.3919	1.69205	2.7716	1	185.7	2743.3
592	350464	207474683	24.3311	8.3967	1.68919	2.7723	2	186.0	2752.5
593	351649	208527857	24.3516	8.4014	1.68634	2.7731	3	186.3	2761.8
594	352836	209584584	24.3721	8.4061	1.68350	2.7738	4	186.6	2771.2
595	354025	210644875	24.3926	8.4108	1.68067	2.7745	5	186.9	2780.5
596	355216	211708736	24.4131	8.4155	1.67785	2.7752	6	187.2	2789.9
597	356409	212777173	24.4336	8.4202	1.67504	2.7760	7	187.6	2799.2
598	357604	213847192	24.4540	8.4249	1.67224	2.7767	8	187.9	2808.6
599	358801	214921799	24.4745	8.4296	1.66945	2.7774	9	188.2	2818.0
600	360000	216000000	24.4949	8.4343	1.66667	2.7782	60.0	188.5	2827.4

n	n^2	n^3	$\sqrt{n}$	$\sqrt[3]{n}$	$\frac{1000}{n}$	$\lg n$	d	$d\pi$	$\frac{d^2\pi}{4}$
601	361201	217081801	24.5153	8.4390	1.66389	2.7789	60.1	188.8	2838.9
602	362404	218187208	24.5357	8.4437	1.66113	2.7796	2	189.1	2846.3
603	363609	219298327	24.5561	8.4484	1.65837	2.7808	3	189.4	2855.8
604	364816	220348864	24.5764	8.4530	1.65563	2.7810	4	189.8	2865.3
605	366025	221445125	24.5967	8.4577	1.65289	2.7818	5	190.1	2874.8
606	367236	222545016	24.6171	8.4623	1.65017	2.7825	6	190.4	2884.3
607	368449	223648543	24.6374	8.4670	1.64745	2.7832	7	190.7	2893.8
608	369664	224755712	24.6577	8.4716	1.64474	2.7839	8	191.0	2903.3
609	370881	225866529	24.6779	8.4763	1.64204	2.7846	9	191.3	2912.9
610	372100	226981000	24.6982	8.4809	1.63934	2.7853	61.0	191.6	2922.5
611	373321	228099181	24.7184	8.4856	1.63666	2.7860	1	192.0	2932.1
612	374544	229220928	24.7386	8.4902	1.63399	2.7868	2	192.3	2941.7
613	375769	230346397	24.7588	8.4948	1.63132	2.7875	3	192.6	2951.3
614	376996	231475544	24.7790	8.4994	1.62866	2.7882	4	192.9	2960.9
615	378225	232608375	24.7992	8.5040	1.62602	2.7889	5	193.2	2970.4
616	379456	233744896	24.8193	8.5086	1.62338	2.7896	6	193.5	2980.2
617	380689	234885113	24.8395	8.5132	1.62075	2.7903	7	193.8	2989.9
618	381924	236029032	24.8596	8.5178	1.61812	2.7910	8	194.2	2999.5
619	383161	237176659	24.8797	8.5224	1.61551	2.7917	9	194.5	3009.3
620	384400	238328000	24.8998	8.5270	1.61290	2.7924	62.0	194.8	3019.1
621	385641	239483061	24.9199	8.5316	1.61031	2.7931	1	195.1	3028.8
622	386884	240641848	24.9399	8.5362	1.60772	2.7938	2	195.4	3038.6
623	388129	241804367	24.9600	8.5408	1.60514	2.7945	3	195.7	3048.4
624	389376	242970624	24.9800	8.5453	1.60256	2.7952	4	196.0	3058.2
625	390625	244140625	25.0000	8.5499	1.60000	2.7959	5	196.4	3068.0
626	391876	245314376	25.0200	8.5544	1.59744	2.7966	6	196.7	3077.8
627	393129	246491883	25.0400	8.5590	1.59490	2.7973	7	197.0	3087.6
628	394384	247673152	25.0599	8.5635	1.59236	2.7980	8	197.3	3097.5
629	395641	248858189	25.0799	8.5681	1.58983	2.7987	9	197.6	3107.4
630	396900	250047000	25.0998	8.5726	1.58730	2.7993	63.0	197.9	3117.2
631	398161	251239591	25.1197	8.5772	1.58479	2.8000	1	198.2	3127.1
632	399424	252435968	25.1396	8.5817	1.58228	2.8007	2	198.5	3137.1
633	400689	253636137	25.1595	8.5862	1.57978	2.8014	3	198.9	3147.0
634	401956	254840104	25.1794	8.5907	1.57729	2.8021	4	199.2	3157.0
635	403225	256047875	25.1992	8.5952	1.57480	2.8028	5	199.5	3166.9
636	404496	257259456	25.2190	8.5997	1.57233	2.8035	6	199.8	3176.8
637	405769	258474853	25.2389	8.6043	1.56986	2.8041	7	200.1	3186.9
638	407044	259694072	25.2587	8.6088	1.56740	2.8048	8	200.4	3196.9
639	408321	260917119	25.2784	8.6132	1.56495	2.8055	9	200.7	3206.9
640	409600	262144000	25.2982	8.6177	1.56250	2.8062	64.0	201.1	3217.0
641	410881	263374721	25.3180	8.6222	1.56006	2.8069	1	201.4	3227.1
642	412164	264609288	25.3377	8.6267	1.55763	2.8075	2	201.7	3237.1
643	413449	265847707	25.3574	8.6312	1.55521	2.8082	3	202.0	3247.2
644	414736	267089984	25.3772	8.6357	1.55280	2.8089	4	202.3	3257.3
645	416025	268336125	25.3969	8.6401	1.55039	2.8096	5	202.6	3267.5
646	417316	269586136	25.4165	8.6446	1.54799	2.8102	6	202.9	3277.6
647	418609	270840023	25.4362	8.6490	1.54560	2.8109	7	203.3	3287.7
648	419904	272097792	25.4558	8.6535	1.54321	2.8116	8	203.6	3297.9
649	421201	273359449	25.4755	8.6579	1.54083	2.8122	9	203.9	3308.1
650	422500	274625000	25.4951	8.6624	1.53846	2.8129	65.0	204.2	3318.3

n	n^2	n^3	$\sqrt{n}$	$\sqrt[3]{n}$	$\frac{1000}{n}$	$\lg n$	$\bar{d}$	$d\pi$	$\frac{d^2\pi}{4}$
651	423801	275894451	25.5147	8.6663	1.53610	2.8196	65.1	204.3	3323.5
652	425104	277167808	25.5343	8.6713	1.53374	2.8142	2	204.8	3338.8
653	426409	278445077	25.5539	8.6757	1.53139	2.8149	3	205.1	3349.0
654	427716	279726264	25.5734	8.6801	1.52905	2.8155	4	205.5	3359.3
655	429025	281011375	25.5930	8.6845	1.52672	2.8162	5	205.8	3369.6
656	430336	282300416	25.6125	8.6890	1.52439	2.8169	6	206.1	3379.9
657	431649	283593393	25.6320	8.6934	1.52207	2.8176	7	206.4	3390.2
658	432964	284890312	25.6515	8.6979	1.51976	2.8182	8	206.7	3400.5
659	434281	286191179	25.6710	8.7023	1.51745	2.8189	9	207.0	3410.8
660	435600	287496000	25.6905	8.7068	1.51515	2.8195	66.0	207.3	3421.2
661	436921	288804781	25.7099	8.7110	1.51286	2.8202	1	207.7	3431.6
662	438244	290117528	25.7294	8.7154	1.51057	2.8209	2	208.0	3442.0
663	439569	291434247	25.7488	8.7198	1.50830	2.8215	3	208.3	3452.4
664	440896	292754944	25.7682	8.7241	1.50603	2.8222	4	208.6	3462.8
665	442225	294079625	25.7876	8.7285	1.50376	2.8228	5	208.9	3473.2
666	443556	295408296	25.8070	8.7329	1.50150	2.8235	6	209.2	3483.7
667	444889	296740963	25.8263	8.7373	1.49925	2.8241	7	209.5	3494.2
668	446224	298077632	25.8457	8.7416	1.49701	2.8248	8	209.9	3504.6
669	447561	299418309	25.8650	8.7460	1.49477	2.8254	9	210.2	3515.1
670	448900	300763000	25.8844	8.7503	1.49254	2.8261	67.0	210.5	3525.7
671	450241	302111711	25.9037	8.7547	1.49031	2.8267	1	210.8	3536.2
672	451584	303464448	25.9230	8.7590	1.48810	2.8274	2	211.1	3546.7
673	452929	304821217	25.9422	8.7634	1.48588	2.8280	3	211.4	3557.3
674	454276	306182024	25.9615	8.7677	1.48368	2.8287	4	211.7	3567.9
675	455625	307546875	25.9808	8.7721	1.48149	2.8293	5	212.1	3578.5
676	456976	308915776	26.0000	8.7764	1.47929	2.8299	6	212.4	3589.1
677	458329	310288733	26.0192	8.7807	1.47710	2.8306	7	212.7	3599.7
678	459684	311665752	26.0384	8.7850	1.47493	2.8312	8	213.0	3610.3
679	461041	313046839	26.0576	8.7893	1.47275	2.8319	9	213.3	3621.0
680	462400	314432006	26.0768	8.7937	1.47059	2.8325	68.0	213.6	3631.7
681	463761	315821241	26.0960	8.7980	1.46843	2.8331	1	213.9	3642.4
682	465124	317214568	26.1151	8.8023	1.46628	2.8338	2	214.3	3653.1
683	466489	318611987	26.1343	8.8066	1.46413	2.8344	3	214.6	3663.8
684	467856	320013504	26.1534	8.8109	1.46199	2.8351	4	214.9	3674.5
685	469225	321419125	26.1725	8.8152	1.45985	2.8357	5	215.2	3685.3
686	470596	322828856	26.1916	8.8194	1.45773	2.8363	6	215.5	3696.1
687	471969	324242703	26.2107	8.8237	1.45560	2.8370	7	215.8	3706.8
688	473344	325660672	26.2298	8.8280	1.45349	2.8376	8	216.1	3717.6
689	474721	327082769	26.2488	8.8323	1.45138	2.8382	9	216.5	3728.5
690	476100	328509000	26.2679	8.8366	1.44928	2.8388	69.0	216.8	3739.3
691	477481	329939371	26.2869	8.8408	1.44718	2.8395	1	217.1	3750.1
692	478864	331373888	26.3059	8.8451	1.44509	2.8401	2	217.4	3761.0
693	480249	332812557	26.3249	8.8493	1.44300	2.8407	3	217.7	3771.9
694	481636	334255384	26.3439	8.8536	1.44092	2.8414	4	218.0	3782.8
695	483025	335702375	26.3629	8.8578	1.43885	2.8420	5	218.3	3793.7
696	484416	337153536	26.3818	8.8621	1.43678	2.8426	6	218.7	3804.6
697	485809	338608873	26.4008	8.8663	1.43472	2.8432	7	219.0	3815.5
698	487204	340068392	26.4197	8.8706	1.43266	2.8439	8	219.3	3826.5
699	488601	341532099	26.4386	8.8748	1.43062	2.8445	9	219.6	3837.5
700	490000	343000000	26.4575	8.8790	1.42857	2.8451	70.0	219.9	3848.5

n	n^2	n^3	$\sqrt{n}$	$\sqrt[3]{n}$	$\frac{1000}{n}$	$\lg n$	d	$d\pi$	$\frac{d^2\pi}{4}$
701	491401	344472101	26.4704	8.8833	1.42553	2.8457	70.1	220.2	3859.5
702	492804	346943408	26.4953	8.8875	1.42450	2.8463	2	220.5	3870.6
703	494209	347428927	26.5141	8.8917	1.42248	2.8470	3	220.9	3881.5
704	495616	348913664	26.5330	8.8959	1.42045	2.8476	4	221.2	3892.6
705	497025	350402625	26.5518	8.9001	1.41844	2.8482	5	221.5	3903.8
706	498436	351895816	26.5707	8.9043	1.41643	2.8488	6	221.8	3914.7
707	499849	353393243	26.5895	8.9085	1.41443	2.8494	7	222.1	3925.8
708	501264	354894912	26.6083	8.9127	1.41243	2.8500	8	222.4	3936.9
709	502681	356400829	26.6271	8.9169	1.41044	2.8506	9	222.7	3948.0
710	504100	357911000	26.6458	8.9211	1.40845	2.8513	71.0	223.1	3959.2
711	505521	359425431	26.6646	8.9253	1.40647	2.8519	1	223.4	3970.4
712	506944	360944128	26.6833	8.9295	1.40449	2.8525	2	223.7	3981.5
713	508369	362467097	26.7021	8.9337	1.40252	2.8532	3	224.0	3992.7
714	509796	363994344	26.7208	8.9378	1.40056	2.8537	4	224.3	4003.9
715	511225	365526875	26.7395	8.9420	1.39860	2.8543	5	224.6	4015.2
716	512656	367061696	26.7582	8.9462	1.39665	2.8549	6	224.9	4026.4
717	514089	368601813	26.7769	8.9503	1.39470	2.8555	7	225.3	4037.9
718	515524	370146232	26.7955	8.9545	1.39276	2.8561	8	225.6	4048.9
719	516961	371694959	26.8142	8.9587	1.39082	2.8567	9	225.9	4060.2
720	518400	373249000	26.8328	8.9628	1.38889	2.8573	72.0	226.2	4071.5
721	519841	374805361	26.8514	8.9670	1.38696	2.8579	1	226.5	4082.8
722	521284	376367048	26.8701	8.9711	1.38504	2.8585	2	226.8	4094.2
723	522729	377933067	26.8887	8.9752	1.38313	2.8591	3	227.1	4105.5
724	524176	379503424	26.9072	8.9794	1.38123	2.8597	4	227.5	4116.9
725	525625	381078125	26.9258	8.9835	1.37931	2.8603	5	227.8	4128.3
726	527076	382657176	26.9444	8.9876	1.37741	2.8609	6	228.1	4139.6
727	528529	384240583	26.9629	8.9918	1.37552	2.8615	7	228.4	4151.1
728	529984	385828352	26.9815	8.9959	1.37363	2.8621	8	228.7	4162.5
729	531441	387420489	27.0000	9.0000	1.37174	2.8627	9	229.0	4173.9
730	532900	389017000	27.0185	9.0041	1.36985	2.8633	73.0	229.3	4185.4
731	534361	390617891	27.0370	9.0082	1.36799	2.8639	1	229.7	4196.9
732	535824	392223168	27.0555	9.0123	1.36612	2.8645	2	230.0	4208.4
733	537289	393833837	27.0740	9.0164	1.36426	2.8651	3	230.3	4219.9
734	538756	395446904	27.0924	9.0205	1.36240	2.8657	4	230.6	4231.4
735	540225	397063375	27.1109	9.0246	1.36054	2.8663	5	230.9	4242.9
736	541696	398683256	27.1293	9.0287	1.35870	2.8669	6	231.2	4254.5
737	543169	400306553	27.1477	9.0328	1.35685	2.8675	7	231.5	4266.0
738	544644	401934272	27.1662	9.0369	1.35501	2.8681	8	231.9	4277.6
739	546121	403566419	27.1846	9.0410	1.35318	2.8686	9	232.5	4289.2
740	547600	405203000	27.2029	9.0450	1.35135	2.8692	74.0	232.5	4300.8
741	549081	406844021	27.2213	9.0491	1.34953	2.8698	1	232.8	4312.5
742	550564	408489488	27.2397	9.0532	1.34771	2.8704	2	233.1	4324.1
743	552049	410139407	27.2580	9.0573	1.34590	2.8710	3	233.4	4335.8
744	553536	411793784	27.2764	9.0613	1.34409	2.8716	4	233.7	4347.5
745	555025	413452625	27.2947	9.0654	1.34228	2.8722	5	234.0	4359.2
746	556516	415116036	27.3130	9.0694	1.34048	2.8727	6	234.4	4370.9
747	558009	416783923	27.3313	9.0735	1.33869	2.8733	7	234.7	4382.6
748	559504	418456292	27.3496	9.0775	1.33690	2.8739	8	235.0	4394.3
749	561001	420133149	27.3679	9.0816	1.33511	2.8745	9	235.3	4406.1
750	562500	421814500	27.3861	9.0856	1.33333	2.8751	75.0	235.6	4417.9