

TABLE I: SQUARES, CUBES, ROOTS, AND RECIPROCAL

No.	Square	Cube	Sq. Root	Cu. Root	Reciprocal	No.	Square	Cube	Sq. Root	Cu. Root	Reciprocal	No.	Square	Cube	Sq. Root	Cu. Root	Reciprocal
1	1	1	1.000000	1.000000	1.000000	51	2601	132651	7.141428	3.708430	0.019608	101	10201	1030301	10.049876	4.657010	0.009901
2	4	8	1.414214	1.259921	0.500000	52	2704	140608	7.211103	3.732511	0.019231	102	10404	1061208	10.099505	4.672329	0.009804
3	9	27	1.732051	1.442250	0.333333	53	2809	148877	7.280110	3.756286	0.018868	103	10609	1092727	10.148892	4.687548	0.009709
4	16	64	2.000000	1.587401	0.250000	54	2916	157464	7.348469	3.779763	0.018519	104	10816	1124864	10.198039	4.702669	0.009615
5	25	125	2.236068	1.709976	0.200000	55	3025	166375	7.416198	3.802952	0.018182	105	11025	1157625	10.246951	4.717694	0.009524
6	36	216	2.449490	1.817121	0.166667	56	3136	175616	7.483315	3.825862	0.017857	106	11236	1191016	10.295630	4.732623	0.009434
7	49	343	2.645751	1.912931	0.142857	57	3249	185193	7.549834	3.848501	0.017544	107	11449	1225043	10.344080	4.747459	0.009346
8	64	512	2.828427	2.000000	0.125000	58	3364	195112	7.615773	3.870877	0.017241	108	11664	1259712	10.392305	4.762203	0.009259
9	81	729	3.000000	2.080084	0.111111	59	3481	205379	7.681146	3.892996	0.016949	109	11881	1295029	10.440307	4.776856	0.009174
10	100	1000	3.162278	2.154435	0.100000	60	3600	216000	7.745967	3.914868	0.016667	110	12100	1331000	10.488088	4.791420	0.009091
11	121	1331	3.316625	2.223980	0.090909	61	3721	226981	7.810250	3.936497	0.016393	111	12321	1367631	10.535654	4.805896	0.009009
12	144	1728	3.464102	2.289428	0.083333	62	3844	238328	7.874008	3.957892	0.016129	112	12544	1404928	10.583005	4.820285	0.008929
13	169	2197	3.605551	2.351335	0.076923	63	3969	250047	7.937254	3.979057	0.015873	113	12769	1442897	10.630146	4.834588	0.008850
14	196	2744	3.741657	2.410142	0.071429	64	4096	262144	8.000000	4.000000	0.015625	114	12996	1481544	10.677078	4.848808	0.008772
15	225	3375	3.872983	2.466212	0.066667	65	4225	274625	8.062258	4.020726	0.015385	115	13225	1520875	10.723805	4.862944	0.008696
16	256	4096	4.000000	2.519842	0.062500	66	4356	287496	8.124038	4.041240	0.015152	116	13456	1560896	10.770330	4.876999	0.008621
17	289	4913	4.123106	2.571282	0.058824	67	4489	300763	8.185353	4.061548	0.014925	117	13689	1601613	10.816654	4.890973	0.008547
18	324	5832	4.242641	2.620741	0.055556	68	4624	314432	8.246211	4.081655	0.014706	118	13924	1643032	10.862780	4.904868	0.008475
19	361	6859	4.358899	2.668402	0.052632	69	4761	328509	8.306624	4.101566	0.014493	119	14161	1685159	10.908712	4.918685	0.008403
20	400	8000	4.472136	2.714418	0.050000	70	4900	343000	8.366600	4.121285	0.014286	120	14400	1728000	10.954451	4.932424	0.008333
21	441	9261	4.582576	2.758924	0.047619	71	5041	357911	8.426150	4.140818	0.014085	121	14641	1771561	11.000000	4.946087	0.008264
22	484	10648	4.690416	2.802039	0.045455	72	5184	373248	8.485281	4.160168	0.013889	122	14884	1815848	11.045361	4.959676	0.008197
23	529	12167	4.795832	2.843867	0.043478	73	5329	389017	8.544004	4.179339	0.013699	123	15129	1860867	11.090537	4.973190	0.008130
24	576	13824	4.898979	2.884499	0.041667	74	5476	405224	8.602325	4.198336	0.013514	124	15376	1906624	11.135529	4.986631	0.008065
25	625	15625	5.000000	2.924018	0.040000	75	5625	421875	8.660254	4.217163	0.013333	125	15625	1953125	11.180340	5.000000	0.008000
26	676	17576	5.099020	2.962496	0.038462	76	5776	438976	8.717798	4.235824	0.013158	126	15876	2000376	11.224972	5.013298	0.007937
27	729	19683	5.196152	3.000000	0.037037	77	5929	456533	8.774964	4.254321	0.012987	127	16129	2048383	11.269428	5.026526	0.007874
28	784	21952	5.291503	3.036589	0.035714	78	6084	474552	8.831761	4.272659	0.012821	128	16384	2097152	11.313708	5.039684	0.007813
29	841	24389	5.385165	3.072317	0.034483	79	6241	493039	8.888194	4.290840	0.012658	129	16641	2146689	11.357817	5.052774	0.007752
30	900	27000	5.477226	3.107233	0.033333	80	6400	512000	8.944272	4.308869	0.012500	130	16900	2197000	11.401754	5.065797	0.007692
31	961	29791	5.567764	3.141381	0.032258	81	6561	531441	9.000000	4.326749	0.012346	131	17161	2248091	11.445523	5.078753	0.007634
32	1024	32768	5.656854	3.174802	0.031250	82	6724	551368	9.055385	4.344481	0.012195	132	17424	2299968	11.489125	5.091643	0.007576
33	1089	35937	5.744563	3.207534	0.030303	83	6889	571787	9.110434	4.362071	0.012048	133	17689	2352637	11.532563	5.104469	0.007519
34	1156	39304	5.830952	3.239612	0.029412	84	7056	592704	9.165151	4.379519	0.011905	134	17956	2406104	11.575837	5.117230	0.007463
35	1225	42875	5.916080	3.271066	0.028571	85	7225	614125	9.219544	4.396830	0.011765	135	18225	2460375	11.618950	5.129928	0.007407
36	1296	46656	6.000000	3.301927	0.027778	86	7396	636056	9.273618	4.414005	0.011628	136	18496	2515456	11.661904	5.142563	0.007353
37	1369	50653	6.082763	3.332222	0.027027	87	7569	658503	9.327379	4.431048	0.011494	137	18769	2571353	11.704700	5.155137	0.007299
38	1444	54872	6.164414	3.361975	0.026316	88	7744	681472	9.380832	4.447960	0.011364	138	19044	2628072	11.747340	5.167649	0.007246
39	1521	59319	6.244998	3.391211	0.025641	89	7921	704969	9.433981	4.464745	0.011236	139	19321	2685619	11.789826	5.180101	0.007194
40	1600	64000	6.324555	3.419952	0.025000	90	8100	729000	9.486833	4.481405	0.011111	140	19600	2744000	11.832160	5.192494	0.007143
41	1681	68921	6.403124	3.448217	0.024390	91	8281	753571	9.539392	4.497941	0.010989	141	19881	2803221	11.874342	5.204828	0.007092
42	1764	74088	6.480741	3.476027	0.023810	92	8464	778688	9.591663	4.514357	0.010870	142	20164	2863288	11.916375	5.217103	0.007042
43	1849	79507	6.557439	3.503398	0.023256	93	8649	804357	9.643651	4.530655	0.010753	143	20449	2924207	11.958261	5.229322	0.006993
44	1936	85184	6.633250	3.530348	0.022727	94	8836	830584	9.695360	4.546836	0.010638	144	20736	2985984	12.000000	5.241483	0.006944
45	2025	91125	6.708204	3.556893	0.022222	95	9025	857375	9.746794	4.562903	0.010526	145	21025	3048625	12.041595	5.253588	0.006897
46	2116	97336	6.782330	3.583048	0.021739	96	9216	884736	9.797959	4.578857	0.010417	146	21316	3112136	12.083046	5.265637	0.006849
47	2209	103823	6.855655	3.608826	0.021277	97	9409	912673	9.848858	4.594701	0.010309	147	21609	3176523	12.124356	5.277632	0.006803
48	2304	110592	6.928203	3.634241	0.020833	98	9604	941192	9.899495	4.610436	0.010204	148	21904	3241792	12.165525	5.289572	0.006757
49	2401	117649	7.000000	3.659306	0.020408	99	9801	970299	9.949874	4.626065	0.010101	149	22201	3307949	12.206556	5.301459	0.006711
50	2500	125000	7.071068	3.684031	0.020000	100	10000	1000000	10.000000	4.641589	0.010000	150	22500	3375000	12.247449	5.313293	0.006667

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151	22801	3442951	12.288206	5.325074	0.006623	201	40401	8120601	14.177447	5.857766	0.004975	251	63001	15813251	15.842980	6.307994	0.003984
152	23104	3511808	12.328828	5.336803	0.006579	202	40804	8242408	14.212670	5.867464	0.004950	252	63504	16003008	15.874508	6.316360	0.003968
153	23409	3581577	12.369317	5.348481	0.006536	203	41209	8365427	14.247807	5.877131	0.004926	253	64009	16194277	15.905974	6.324704	0.003953
154	23716	3652264	12.409674	5.360108	0.006494	204	41616	8489664	14.282857	5.886765	0.004902	254	64516	16387064	15.937377	6.333026	0.003937
155	24025	3723875	12.449900	5.371685	0.006452	205	42025	8615125	14.317821	5.896369	0.004878	255	65025	16581375	15.968719	6.341326	0.003922
156	24336	3796416	12.489996	5.383213	0.006410	206	42436	8741816	14.352700	5.905941	0.004854	256	65536	16777216	16.000000	6.349604	0.003906
157	24649	3869893	12.529964	5.394691	0.006369	207	42849	8869743	14.387495	5.915482	0.004831	257	66049	16974593	16.031220	6.357861	0.003891
158	24964	3944312	12.569805	5.406120	0.006329	208	43264	8998912	14.422205	5.924992	0.004808	258	66564	17173512	16.062378	6.366097	0.003876
159	25281	4019679	12.609520	5.417502	0.006289	209	43681	9129329	14.456832	5.934472	0.004785	259	67081	17373979	16.093477	6.374311	0.003861
160	25600	4096000	12.649111	5.428835	0.006250	210	44100	9261000	14.491377	5.943922	0.004762	260	67600	17576000	16.124515	6.382504	0.003846
161	25921	4173281	12.688578	5.440122	0.006211	211	44521	9393931	14.525839	5.953342	0.004739	261	68121	17779581	16.155494	6.390677	0.003831
162	26244	4251528	12.727922	5.451362	0.006173	212	44944	9528128	14.560220	5.962732	0.004717	262	68644	17984728	16.186414	6.398828	0.003817
163	26569	4330747	12.767145	5.462556	0.006135	213	45369	9663597	14.594520	5.972093	0.004695	263	69169	18191447	16.217275	6.406959	0.003802
164	26896	4410944	12.806248	5.473704	0.006098	214	45796	9800344	14.628739	5.981424	0.004673	264	69696	18399744	16.248077	6.415069	0.003788
165	27225	4492125	12.845233	5.484807	0.006061	215	46225	9938375	14.662878	5.990726	0.004651	265	70225	18609625	16.278821	6.423158	0.003774
166	27556	4574296	12.884099	5.495865	0.006024	216	46656	10077696	14.696938	6.000000	0.004630	266	70756	18821096	16.309506	6.431228	0.003759
167	27889	4657463	12.922848	5.506878	0.005988	217	47089	10218313	14.730920	6.009245	0.004608	267	71289	19034163	16.340135	6.439277	0.003745
168	28224	4741632	12.961481	5.517848	0.005952	218	47524	10360232	14.764823	6.018462	0.004587	268	71824	19248832	16.370706	6.447306	0.003731
169	28561	4826809	13.000000	5.528775	0.005917	219	47961	10503459	14.798649	6.027650	0.004566	269	72361	19465109	16.401219	6.455315	0.003717
170	28900	4913000	13.038405	5.539658	0.005882	220	48400	10648000	14.832397	6.036811	0.004545	270	72900	19683000	16.431677	6.463304	0.003704
171	29241	5000211	13.076697	5.550499	0.005848	221	48841	10793861	14.866069	6.045944	0.004525	271	73441	19902511	16.462078	6.471274	0.003690
172	29584	5088448	13.114877	5.561298	0.005814	222	49284	10941048	14.899664	6.055049	0.004505	272	73984	20123648	16.492423	6.479224	0.003676
173	29929	5177717	13.152946	5.572055	0.005780	223	49729	11089567	14.933185	6.064127	0.004484	273	74529	20346417	16.522712	6.487154	0.003663
174	30276	5268024	13.190906	5.582770	0.005747	224	50176	11239424	14.966630	6.073178	0.004464	274	75076	20570824	16.552945	6.495065	0.003650
175	30625	5359375	13.228757	5.593445	0.005714	225	50625	11390625	15.000000	6.082202	0.004444	275	75625	20796875	16.583124	6.502957	0.003636
176	30976	5451776	13.266499	5.604079	0.005682	226	51076	11543176	15.033296	6.091199	0.004425	276	76176	21024576	16.613248	6.510830	0.003623
177	31329	5545233	13.304135	5.614672	0.005650	227	51529	11697083	15.066519	6.100170	0.004405	277	76729	21253933	16.643317	6.518684	0.003610
178	31684	5639752	13.341664	5.625226	0.005618	228	51984	11852352	15.099669	6.109115	0.004386	278	77284	21484952	16.673332	6.526519	0.003597
179	32041	5735339	13.379088	5.635741	0.005587	229	52441	12008989	15.132746	6.118033	0.004367	279	77841	21717639	16.703293	6.534335	0.003584
180	32400	5832000	13.416408	5.646216	0.005556	230	52900	12167000	15.165751	6.126926	0.004348	280	78400	21952000	16.733201	6.542133	0.003571
181	32761	5929741	13.453624	5.656653	0.005525	231	53361	12326391	15.198684	6.135792	0.004329	281	78961	22188041	16.763055	6.549912	0.003559
182	33124	6028568	13.490738	5.667051	0.005495	232	53824	12487168	15.231546	6.144634	0.004310	282	79524	22425768	16.792856	6.557672	0.003546
183	33489	6128487	13.527749	5.677411	0.005464	233	54289	12649337	15.264338	6.153449	0.004292	283	80089	22665187	16.822604	6.565414	0.003534
184	33856	6229504	13.564660	5.687734	0.005435	234	54756	12812904	15.297059	6.162240	0.004274	284	80656	22906304	16.852300	6.573138	0.003521
185	34225	6331625	13.601471	5.698019	0.005405	235	55225	12977875	15.329710	6.171006	0.004255	285	81225	23149125	16.881943	6.580844	0.003509
186	34596	6434856	13.638182	5.708267	0.005376	236	55696	13144256	15.362291	6.179747	0.004237	286	81796	23393656	16.911535	6.588532	0.003497
187	34969	6539203	13.674794	5.718479	0.005348	237	56169	13312053	15.394804	6.188463	0.004219	287	82369	23639903	16.941074	6.596202	0.003484
188	35344	6644672	13.711309	5.728654	0.005319	238	56644	13481272	15.427249	6.197154	0.004202	288	82944	23887872	16.970563	6.603854	0.003472
189	35721	6751269	13.747727	5.738794	0.005291	239	57121	13651919	15.459625	6.205822	0.004184	289	83521	24137569	17.000000	6.611489	0.003460
190	36100	6859000	13.784049	5.748897	0.005263	240	57600	13824000	15.491933	6.214465	0.004167	290	84100	24389000	17.029386	6.619106	0.003448
191	36481	6967871	13.820275	5.758965	0.005236	241	58081	13997521	15.524175	6.223084	0.004149	291	84681	24642171	17.058722	6.626705	0.003436
192	36864	7077888	13.856406	5.768998	0.005208	242	58564	14172488	15.556349	6.231680	0.004132	292	85264	24897088	17.088007	6.634287	0.003425
193	37249	7189057	13.892444	5.778997	0.005181	243	59049	14348907	15.588457	6.240251	0.004115	293	85849	25153757	17.117243	6.641852	0.003413
194	37636	7301384	13.928388	5.788960	0.005155	244	59536	14526784	15.620499	6.248800	0.004098	294	86436	25412184	17.146428	6.649400	0.003401
195	38025	7414875	13.964240	5.798890	0.005128	245	60025	14706125	15.652476	6.257325	0.004082	295	87025	25672375	17.175564	6.656930	0.003390
196	38416	7529536	14.000000	5.808786	0.005102	246	60516	14886936	15.684387	6.265827	0.004065	296	87616	25934336	17.204651	6.664444	0.003378
197	38809	7645373	14.035669	5.818648	0.005076	247	61009	15069223	15.716234	6.274305	0.004049	297	88209	26198073	17.233688	6.671940	0.003367
198	39204	7762392	14.071247	5.828477	0.005051	248	61504	15252992	15.748016	6.282761	0.004032	298	88804	26463592	17.262677	6.679420	0.003356
199	39601	7880599	14.106736	5.838272	0.005025	249	62001	15438249	15.779734	6.291195	0.004016	299	89401	26730899	17.291616	6.686883	0.003344
200	40000	8000000	14.142136	5.848035	0.005000	250	62500	15625000	15.811388	6.299605	0.004000	300	90000	27000000	17.320508	6.694330	0.003333