

B R U N O   R O S A I A

TAVOLE NUMERICHE  
FORMULARI DI GEOMETRIA

*per le classi prima, seconda e terza*

CORSO DI MATEMATICA  
PER LA SCUOLA SECONDARIA  
DI PRIMO GRADO

M I N E R V A   I T A L I C A

## TAVOLA DEI NUMERI PRIMI MINORI DI 5000

2	233	541	859	<b>1201</b>	1559	1951	<b>2309</b>	2695	3079	3491	3863	4259	4673
3	239	547	863	1213	1567	1933	2311	2699	3083	3499	3877	4261	4679
5	241	557	877	1217	1571	1949	2333		3089		3881	4271	4691
7	251	563	881	1223	1579	1951	2339	<b>2707</b>		<b>3511</b>	3889	4273	
11	257	569	883	1229	1583	1973	2341	2711	<b>3109</b>	3517		4283	<b>4703</b>
13	263	571	887	1231	1597	1979	2347	2713	3119	3527	<b>3907</b>	4289	4721
17	269	577		1237		1987	2351	2719	3121	3529	3911	4297	4723
19	271	587	<b>907</b>	1249	<b>1601</b>	1993	2357	2729	3137	3533	3917		4729
23	277	593	911	1259	1607	1997	2371	2731	3163	3539	3919	<b>4327</b>	4733
29	281	599	919	1277	1609	1999	2377	2741	3167	3541	3923	4337	4751
31	283		929	1279	1613		2381	2749	3169	3547	3929	4339	4759
37	293	<b>601</b>	937	1283	1619	<b>2003</b>	2383	2753	3181	3557	3931	4349	4783
41		607	941	1289	1621	2011	2389	2767	3187	3559	3943	4357	4787
43	<b>307</b>	613	947	1291	1627	2017	2393	2777	3191	3571	3947	4363	4789
47	311	617	953	1297	1637	2027	2399	2789		3581	3967	4373	4793
53	313	619	967		1657	2029		2791	<b>3203</b>	3583	3989	4391	4799
59	317	631	971	<b>1301</b>	1663	2039	<b>2411</b>	2797	3209	3593		4397	
61	331	641	977	1303	1667	2053	2417		3217		<b>4001</b>		<b>4801</b>
67	337	643	983	1307	1669	2063	2423	<b>2801</b>	3221	<b>3607</b>	4003	<b>4409</b>	4813
71	347	647	991	1319	1693	2069	2437	2803	3229	3613	4007	4421	4817
73	349	653	997	1321	1697	2081	2441	2819	3251	3617	4013	4423	4831
79	353	659		1327	1699	2083	2447	2833	3253	3623	4019	4441	4861
83	359	661	<b>1009</b>	1361		2087	2459	2837	3257	3631	4021	4447	4871
89	367	673	1013	1367	<b>1709</b>	2089	2467	2843	3259	3637	4027	4451	4877
97	373	677	1019	1373	1721	2099	2473	2851	3271	3643	4049	4457	4889
	379	683	1021	1381	1723		2477	2857	3299	3659	4051	4463	
<b>101</b>	383	691	1031	1399	1733	<b>2111</b>		2861		3671	4057	4481	<b>4903</b>
103	389		1033		1741	2113	<b>2503</b>	2879	<b>3301</b>	3673	4073	4483	4909
107	397	<b>701</b>	1039	<b>1409</b>	1747	2129	2521	2887	3307	3677	4079	4493	4919
109		709	1049	1423	1753	2131	2531	2897	3313	3691	4091		4931
113	<b>401</b>	719	1051	1427	1759	2137	2539		3319	3697	4093	<b>4507</b>	4933
127	409	727	1061	1429	1777	2141	2543	<b>2903</b>	3323		4099	4513	4937
131	419	733	1063	1433	1783	2143	2549	2909	3329	<b>3701</b>		4517	4943
137	421	739	1069	1439	1787	2153	2551	2917	3331	3709	<b>4111</b>	4519	4951
139	431	743	1087	1447	1789	2161	2557	2927	3343	3719	4127	4523	4957
149	433	751	1091	1451		2179	2579	2939	3347	3727	4129	4547	4967
151	439	757	1093	1453	<b>1801</b>		2591	2953	3359	3733	4133	4549	4969
157	443	761	1097	1459	1811	<b>2203</b>	2593	2957	3361	3739	4139	4561	4973
163	449	769		1471	1823	2207		2963	3371	3761	4153	4567	4987
167	457	773	<b>1103</b>	1481	1831	2213	<b>2609</b>	2969	3373	3767	4157	4583	4993
173	461	787	1109	1483	1847	2221	2617	2971	3389	3769	4159	4591	4999
179	463	797	1117	1487	1861	2237	2621	2999	3391	3779	4177	4597	
181	467		1123	1489	1867	2239	2633			3793			
191	479	<b>809</b>	1129	1493	1871	2243	2647	<b>3001</b>	<b>3407</b>	3797	<b>4201</b>	<b>4603</b>	
193	487	811	1151	1499	1873	2251	2657	3011	3413		4211	4621	
197	491	821	1153		1877	2267	2659	3019	3433	<b>3803</b>	4217	4637	
199	499	823	1163	<b>1511</b>	1879	2269	2663	3023	3449	3821	4219	4639	
		827	1171	1523	1889	2273	2671	3037	3457	3823	4229	4643	
<b>211</b>	<b>503</b>	829	1181	1531		2281	2677	3041	3461	3833	4231	4649	
223	509	839	1187	1543	<b>1901</b>	2287	2683	3049	3463	3847	4241	4651	
227	521	853	1193	1549	1907	2293	2687	3061	3467	3851	4243	4657	
229	523	857		1553	1913	2297	2689	3067	3469	3853	4253	4663	

# TAVOLE DEI QUADRATI, DEI CUBI, RADICI QUADRATE E CUBICHE DEI PRIMI MILLE NUMERI NATURALI

$n$	$n^2$	$n^3$	$\sqrt{n}$	$\sqrt[3]{n}$
1	1	1	1,0000	1,0000
2	4	8	1,4142	1,2599
3	9	27	1,7321	1,4422
4	16	64	2,0000	1,5874
5	25	125	2,2361	1,7100
6	36	216	2,4495	1,8171
7	49	343	2,6458	1,9129
8	64	512	2,8284	2,0000
9	81	729	3,0000	2,0801
10	100	1000	3,1623	2,1544
11	121	1331	3,3166	2,2240
12	144	1728	3,4641	2,2894
13	169	2197	3,6056	2,3513
14	196	2744	3,7417	2,4101
15	225	3375	3,8730	2,4662
16	256	4096	4,0000	2,5198
17	289	4913	4,1231	2,5713
18	324	5832	4,2426	2,6207
19	361	6859	4,3589	2,6684
20	400	8000	4,4721	2,7144
21	441	9261	4,5826	2,7589
22	484	10648	4,6904	2,8020
23	529	12167	4,7958	2,8439
24	576	13824	4,8990	2,8845
25	625	15625	5,0000	2,9240
26	676	17576	5,0990	2,9625
27	729	19683	5,1962	3,0000
28	784	21952	5,2915	3,0366
29	841	24389	5,3852	3,0723
30	900	27000	5,4772	3,1072
31	961	29791	5,5678	3,1414
32	1024	32768	5,6569	3,1748
33	1089	35937	5,7446	3,2075
34	1156	39304	5,8310	3,2396
35	1225	42875	5,9161	3,2711
36	1296	46656	6,0000	3,3019
37	1369	50653	6,0828	3,3322
38	1444	54872	6,1644	3,3620
39	1521	59319	6,2450	3,3912
40	1600	64000	6,3246	3,4200
41	1681	68921	6,4031	3,4482
42	1764	74088	6,4807	3,4760
43	1849	79507	6,5574	3,5034
44	1936	85184	6,6333	3,5303
45	2025	91125	6,7082	3,5569
46	2116	97336	6,7823	3,5830
47	2209	103823	6,8557	3,6088
48	2304	110592	6,9282	3,6342
49	2401	117649	7,0000	3,6593
50	2500	125000	7,0711	3,6840
51	2601	132651	7,1414	3,7084
52	2704	140608	7,2111	3,7325
53	2809	148877	7,2801	3,7563
54	2916	157464	7,3485	3,7798
55	3025	166375	7,4162	3,8030
56	3136	175616	7,4833	3,8259
57	3249	185193	7,5498	3,8485
58	3364	195112	7,6158	3,8709
59	3481	205379	7,6811	3,8930
60	3600	216000	7,7460	3,9149

$n$	$n^2$	$n^3$	$\sqrt{n}$	$\sqrt[3]{n}$
61	3721	226981	7,8103	3,9365
62	3844	238328	7,8740	3,9579
63	3969	250047	7,9373	3,9791
64	4096	262144	8,0000	4,0000
65	4225	274625	8,0623	4,0207
66	4356	287496	8,1240	4,0412
67	4489	300763	8,1854	4,0615
68	4624	314432	8,2462	4,0817
69	4761	328509	8,3066	4,1016
70	4900	343000	8,3666	4,1213
71	5041	357911	8,4261	4,1408
72	5184	373248	8,4853	4,1602
73	5329	389017	8,5440	4,1793
74	5476	405224	8,6023	4,1983
75	5625	421875	8,6603	4,2172
76	5776	438976	8,7178	4,2358
77	5929	456533	8,7750	4,2543
78	6084	474552	8,8318	4,2727
79	6241	493039	8,8882	4,2908
80	6400	512000	8,9443	4,3089
81	6561	531441	9,0000	4,3267
82	6724	551368	9,0554	4,3445
83	6889	571787	9,1104	4,3621
84	7056	592704	9,1652	4,3795
85	7225	614125	9,2195	4,3968
86	7396	636056	9,2736	4,4140
87	7569	658503	9,3274	4,4310
88	7744	681472	9,3808	4,4480
89	7921	704969	9,4340	4,4647
90	8100	729000	9,4868	4,4814
91	8281	753571	9,5394	4,4979
92	8464	778688	9,5917	4,5144
93	8649	804357	9,6437	4,5307
94	8836	830584	9,6954	4,5468
95	9025	857375	9,7468	4,5629
96	9216	884736	9,7980	4,5789
97	9409	912673	9,8489	4,5947
98	9604	941192	9,8995	4,6104
99	9801	970299	9,9499	4,6261
100	10000	1000000	10,0000	4,6416
101	10201	1030301	10,0499	4,6570
102	10404	1061208	10,0995	4,6723
103	10609	1092727	10,1489	4,6875
104	10816	1124864	10,1980	4,7027
105	11025	1157625	10,2470	4,7177
106	11236	1191016	10,2956	4,7326
107	11449	1225043	10,3441	4,7475
108	11664	1259712	10,3923	4,7622
109	11881	1295029	10,4403	4,7769
110	12100	1331000	10,4881	4,7914
111	12321	1367631	10,5357	4,8059
112	12544	1404928	10,5830	4,8203
113	12769	1442897	10,6301	4,8346
114	12996	1481544	10,6771	4,8488
115	13225	1520875	10,7238	4,8629
116	13456	1560896	10,7703	4,8770
117	13689	1601613	10,8167	4,8910
118	13924	1643032	10,8628	4,9049
119	14161	1685159	10,9087	4,9187
120	14400	1728000	10,9545	4,9324

$n$	$n^2$	$n^3$	$\sqrt{n}$	$\sqrt[3]{n}$
121	14641	1771561	11,0000	4,9461
122	14884	1815848	11,0454	4,9597
123	15129	1860867	11,0905	4,9732
124	15376	1906624	11,1355	4,9866
125	15625	1953125	11,1803	5,0000
126	15876	2000376	11,2250	5,0133
127	16129	2048383	11,2694	5,0265
128	16384	2097152	11,3137	5,0397
129	16641	2146689	11,3578	5,0528
130	16900	2197000	11,4018	5,0658
131	17161	2248091	11,4455	5,0788
132	17424	2299968	11,4891	5,0916
133	17689	2352637	11,5326	5,1045
134	17956	2406104	11,5758	5,1172
135	18225	2460375	11,6190	5,1299
136	18496	2515456	11,6619	5,1426
137	18769	2571353	11,7047	5,1551
138	19044	2628072	11,7473	5,1676
139	19321	2685619	11,7898	5,1801
140	19600	2744000	11,8322	5,1925
141	19881	2803221	11,8743	5,2048
142	20164	2863288	11,9164	5,2171
143	20449	2924207	11,9583	5,2293
144	20736	2985984	12,0000	5,2415
145	21025	3048625	12,0416	5,2536
146	21316	3112136	12,0830	5,2656
147	21609	3176523	12,1244	5,2776
148	21904	3241792	12,1655	5,2896
149	22201	3307949	12,2066	5,3015
150	22500	3375000	12,2474	5,3133
151	22801	3442951	12,2882	5,3251
152	23104	3511808	12,3288	5,3368
153	23409	3581577	12,3693	5,3485
154	23716	3652264	12,4097	5,3601
155	24025	3723875	12,4499	5,3717
156	24336	3796416	12,4900	5,3832
157	24649	3869893	12,5300	5,3947
158	24964	3944312	12,5698	5,4061
159	25281	4019679	12,6095	5,4175
160	25600	4096000	12,6491	5,4288
161	25921	4173281	12,6886	5,4401
162	26244	4251528	12,7279	5,4514
163	26569	4330747	12,7671	5,4626
164	26896	4410944	12,8062	5,4737
165	27225	4492125	12,8452	5,4848
166	27556	4574296	12,8841	5,4959
167	27889	4657463	12,9228	5,5069
168	28224	4741632	12,9615	5,5178
169	28561	4826809	13,0000	5,5288
170	28900	4913000	13,0384	5,5397
171	29241	5000211	13,0767	5,5505
172	29584	5088448	13,1149	5,5613
173	29929	5177717	13,1529	5,5721
174	30276	5268024	13,1909	5,5828
175	30625	5359375	13,2288	5,5934
176	30976	5451776	13,2665	5,6041
177	31329	5545233	13,3041	5,6147
178	31684	5639752	13,3417	5,6252
179	32041	5735339	13,3791	5,6357
180	32400	5832000	13,4164	5,6462
181	32761	5929741	13,4536	5,6567
182	33124	6028568	13,4907	5,6671
183	33489	6128487	13,5277	5,6774
184	33856	6229504	13,5647	5,6877
185	34225	6331625	13,6015	5,6980
186	34596	6434856	13,6382	5,7083
187	34969	6539203	13,6748	5,7185
188	35344	6644672	13,7113	5,7287
189	35721	6751269	13,7477	5,7388
190	36100	6859000	13,7840	5,7489

$n$	$n^2$	$n^3$	$\sqrt{n}$	$\sqrt[3]{n}$
191	36481	6967871	13,8203	5,7590
192	36864	7077888	13,8564	5,7690
193	37249	7189057	13,8924	5,7790
194	37636	7301384	13,9284	5,7890
195	38025	7414875	13,9642	5,7989
196	38416	7529536	14,0000	5,8088
197	38809	7645373	14,0357	5,8186
198	39204	7762392	14,0712	5,8285
199	39601	7880599	14,1067	5,8383
200	40000	8000000	14,1421	5,8480
201	40401	8120601	14,1774	5,8578
202	40804	8242408	14,2127	5,8675
203	41209	8365427	14,2478	5,8771
204	41616	8489664	14,2829	5,8868
205	42025	8615125	14,3178	5,8964
206	42436	8741816	14,3527	5,9059
207	42849	8869743	14,3875	5,9155
208	43264	8998912	14,4222	5,9250
209	43681	9129329	14,4568	5,9345
210	44100	9261000	14,4914	5,9439
211	44521	9393951	14,5258	5,9533
212	44944	9528128	14,5602	5,9627
213	45369	9663597	14,5945	5,9721
214	45796	9800344	14,6287	5,9814
215	46225	9938375	14,6629	5,9907
216	46656	10077696	14,6969	6,0000
217	47089	10218313	14,7309	6,0092
218	47524	10360232	14,7648	6,0185
219	47961	10503459	14,7986	6,0277
220	48400	10648000	14,8324	6,0368
221	48841	10793861	14,8661	6,0459
222	49284	10941048	14,8997	6,0550
223	49729	11089567	14,9332	6,0641
224	50176	11239424	14,9666	6,0732
225	50625	11390625	15,0000	6,0822
226	51076	11543176	15,0333	6,0912
227	51529	11697083	15,0665	6,1002
228	51984	11852352	15,0997	6,1091
229	52441	12008989	15,1327	6,1180
230	52900	12167000	15,1658	6,1269
231	53361	12326391	15,1987	6,1358
232	53824	12487168	15,2315	6,1446
233	54289	12649337	15,2643	6,1534
234	54756	12812904	15,2971	6,1622
235	55225	12977875	15,3297	6,1710
236	55696	13144256	15,3623	6,1797
237	56169	13312053	15,3948	6,1885
238	56644	13481272	15,4272	6,1972
239	57121	13651919	15,4596	6,2058
240	57600	13824000	15,4919	6,2145
241	58081	13997521	15,5242	6,2231
242	58564	14172488	15,5563	6,2317
243	59049	14348907	15,5885	6,2403
244	59536	14526784	15,6205	6,2488
245	60025	14706125	15,6525	6,2573
246	60516	14886936	15,6844	6,2658
247	61009	15069223	15,7162	6,2743
248	61504	15252992	15,7480	6,2828
249	62001	15438249	15,7797	6,2912
250	62500	15625000	15,8114	6,2996
251	63001	15813251	15,8430	6,3080
252	63504	16003008	15,8745	6,3164
253	64009	16194277	15,9060	6,3247
254	64516	16387064	15,9374	6,3330
255	65025	16581375	15,9687	6,3413
256	65536	16777216	16,0000	6,3496
257	66049	16974593	16,0312	6,3579
258	66564	17173512	16,0624	6,3661
259	67081	17373979	16,0935	6,3743
260	67600	17576000	16,1245	6,3825

$n$	$n^2$	$n^3$	$\sqrt{n}$	$\sqrt[3]{n}$
261	68121	17779581	16,1555	6,3907
262	68644	17984728	16,1864	6,3988
263	69169	18191447	16,2173	6,4070
264	69696	18399744	16,2481	6,4151
265	70225	18609625	16,2788	6,4232
266	70756	18821096	16,3095	6,4312
267	71289	19034163	16,3401	6,4393
268	71824	19248832	16,3707	6,4473
269	72361	19465109	16,4012	6,4553
270	72900	19683000	16,4317	6,4633
271	73441	19902511	16,4621	6,4713
272	73984	20123648	16,4924	6,4792
273	74529	20346417	16,5227	6,4872
274	75076	20570824	16,5529	6,4951
275	75625	20796875	16,5831	6,5030
276	76176	21024576	16,6132	6,5108
277	76729	21253933	16,6433	6,5187
278	77284	21484952	16,6733	6,5265
279	77841	21717639	16,7033	6,5343
280	78400	21952000	16,7332	6,5421
281	78961	22188041	16,7631	6,5499
282	79524	22425768	16,7929	6,5577
283	80089	22665187	16,8226	6,5654
284	80656	22906304	16,8523	6,5731
285	81225	23149125	16,8819	6,5808
286	81796	23393656	16,9115	6,5885
287	82369	23639903	16,9411	6,5962
288	82944	23887872	16,9706	6,6039
289	83521	24137569	17,0000	6,6115
290	84100	24389000	17,0294	6,6191
291	84681	24642171	17,0587	6,6267
292	85264	24897088	17,0880	6,6343
293	85849	25153757	17,1172	6,6419
294	86436	25412184	17,1464	6,6494
295	87025	25672375	17,1756	6,6569
296	87616	25934336	17,2047	6,6644
297	88209	26198073	17,2337	6,6719
298	88804	26463592	17,2627	6,6794
299	89401	26730899	17,2916	6,6869
300	90000	27000000	17,3205	6,6943
301	90601	27270901	17,3494	6,7018
302	91204	27543608	17,3781	6,7092
303	91809	27818127	17,4069	6,7166
304	92416	28094464	17,4356	6,7240
305	93025	28372625	17,4642	6,7313
306	93636	28652616	17,4929	6,7387
307	94249	28934443	17,5214	6,7460
308	94864	29218112	17,5499	6,7533
309	95481	29503629	17,5784	6,7606
310	96100	29791000	17,6068	6,7679
311	96721	30080231	17,6352	6,7752
312	97344	30371328	17,6635	6,7824
313	97969	30664297	17,6918	6,7897
314	98596	30959144	17,7200	6,7969
315	99225	31255875	17,7482	6,8041
316	99856	31554496	17,7764	6,8113
317	100489	31855013	17,8045	6,8185
318	101124	32157432	17,8326	6,8256
319	101761	32461759	17,8606	6,8328
320	102400	32768000	17,8885	6,8399
321	103041	33076161	17,9165	6,8470
322	103684	33386248	17,9444	6,8541
323	104329	33698267	17,9722	6,8612
324	104976	34012224	18,0000	6,8683
325	105625	34328125	18,0278	6,8753
326	106276	34645976	18,0555	6,8824
327	106929	34965783	18,0831	6,8894
328	107584	35287552	18,1108	6,8964
329	108241	35611289	18,1384	6,9034
330	108900	35937000	18,1659	6,9104

$n$	$n^2$	$n^3$	$\sqrt{n}$	$\sqrt[3]{n}$
331	109561	36264691	18,1934	6,9174
332	110224	36594368	18,2209	6,9244
333	110889	36926037	18,2483	6,9313
334	111556	37259704	18,2757	6,9382
335	112225	37595375	18,3030	6,9451
336	112896	37933056	18,3303	6,9521
337	113569	38272753	18,3576	6,9589
338	114244	38614472	18,3848	6,9658
339	114921	38958219	18,4120	6,9727
340	115600	39304000	18,4391	6,9795
341	116281	39651821	18,4662	6,9864
342	116964	40001688	18,4932	6,9932
343	117649	40353607	18,5203	7,0000
344	118336	40707584	18,5472	7,0068
345	119025	41063625	18,5742	7,0136
346	119716	41421736	18,6011	7,0203
347	120409	41781923	18,6279	7,0271
348	121104	42144192	18,6548	7,0338
349	121801	42508549	18,6815	7,0406
350	122500	42875000	18,7083	7,0473
351	123201	43243551	18,7350	7,0540
352	123904	43614208	18,7617	7,0607
353	124609	43986977	18,7883	7,0674
354	125316	44361864	18,8149	7,0740
355	126025	44738875	18,8414	7,0807
356	126736	45118016	18,8680	7,0873
357	127449	45499293	18,8944	7,0940
358	128164	45882712	18,9209	7,1006
359	128881	46268279	18,9473	7,1072
360	129600	46656000	18,9737	7,1138
361	130321	47045881	19,0000	7,1204
362	131044	47437928	19,0263	7,1269
363	131769	47832147	19,0526	7,1335
364	132496	48228544	19,0788	7,1400
365	133225	48627125	19,1050	7,1466
366	133956	49027896	19,1311	7,1531
367	134689	49430863	19,1572	7,1596
368	135424	49836032	19,1833	7,1661
369	136161	50243409	19,2094	7,1726
370	136900	50653000	19,2354	7,1791
371	137641	51064811	19,2614	7,1855
372	138384	51478848	19,2873	7,1920
373	139129	51895117	19,3132	7,1984
374	139876	52313624	19,3391	7,2048
375	140625	52734375	19,3649	7,2112
376	141376	53157376	19,3907	7,2177
377	142129	53582633	19,4165	7,2240
378	142884	54010152	19,4422	7,2304
379	143641	54439939	19,4679	7,2368
380	144400	54872000	19,4936	7,2432
381	145161	55306341	19,5192	7,2495
382	145924	55742968	19,5448	7,2558
383	146689	56181887	19,5704	7,2622
384	147456	56623104	19,5959	7,2685
385	148225	57066625	19,6214	7,2748
386	148996	57512456	19,6469	7,2811
387	149769	57960603	19,6723	7,2874
388	150544	58411072	19,6977	7,2936
389	151321	58863869	19,7231	7,2999
390	152100	59319000	19,7484	7,3061
391	152881	59776471	19,7737	7,3124
392	153664	60236288	19,7990	7,3186
393	154449	60698457	19,8242	7,3248
394	155236	61162984	19,8494	7,3310
395	156025	61629875	19,8746	7,3372
396	156816	62099136	19,8997	7,3434
397	157609	62570773	19,9249	7,3496
398	158404	63044792	19,9499	7,3558
399	159201	63521199	19,9750	7,3619
400	160000	64000000	20,0000	7,3681

$n$	$n^2$	$n^3$	$\sqrt{n}$	$\sqrt[3]{n}$
401	160801	64481201	20,0250	7,3742
402	161604	64964808	20,0499	7,3803
403	162409	65450827	20,0749	7,3864
404	163216	65939264	20,0998	7,3925
405	164025	66430125	20,1246	7,3986
406	164836	66923416	20,1494	7,4047
407	165649	67419143	20,1742	7,4108
408	166464	67917312	20,1990	7,4169
409	167281	68417929	20,2237	7,4229
410	168100	68921000	20,2485	7,4290
411	168921	69426531	20,2731	7,4350
412	169744	69934528	20,2978	7,4410
413	170569	70444997	20,3224	7,4470
414	171396	70957944	20,3470	7,4530
415	172225	71473375	20,3716	7,4590
416	173056	71991296	20,3961	7,4650
417	173889	72511713	20,4206	7,4710
418	174724	73034632	20,4450	7,4770
419	175561	73560059	20,4695	7,4829
420	176400	74088000	20,4939	7,4889
421	177241	74618461	20,5183	7,4948
422	178084	75151448	20,5426	7,5007
423	178929	75686967	20,5670	7,5067
424	179776	76225024	20,5913	7,5126
425	180625	76765625	20,6155	7,5185
426	181476	77308776	20,6398	7,5244
427	182329	77854483	20,6640	7,5302
428	183184	78402752	20,6882	7,5361
429	184041	78953589	20,7123	7,5420
430	184900	79507000	20,7364	7,5478
431	185761	80062991	20,7605	7,5537
432	186624	80621568	20,7846	7,5595
433	187489	81182737	20,8087	7,5654
434	188356	81746504	20,8327	7,5712
435	189225	82312875	20,8567	7,5770
436	190096	82881856	20,8806	7,5828
437	190969	83453453	20,9045	7,5886
438	191844	84027672	20,9285	7,5944
439	192721	84604519	20,9523	7,6001
440	193600	85184000	20,9762	7,6059
441	194481	85766121	21,0000	7,6117
442	195364	86350888	21,0238	7,6174
443	196249	86938307	21,0476	7,6232
444	197136	87528384	21,0713	7,6289
445	198025	88121125	21,0950	7,6346
446	198916	88716536	21,1187	7,6403
447	199809	89314623	21,1424	7,6460
448	200704	89915392	21,1660	7,6517
449	201601	90518849	21,1896	7,6574
450	202500	91125000	21,2132	7,6631
451	203401	91733851	21,2368	7,6688
452	204304	92345408	21,2603	7,6744
453	205209	92959677	21,2838	7,6801
454	206116	93576664	21,3073	7,6857
455	207025	94196375	21,3307	7,6914
456	207936	94818816	21,3542	7,6970
457	208849	95443993	21,3776	7,7026
458	209764	96071912	21,4009	7,7082
459	210681	96702579	21,4243	7,7138
460	211600	97336000	21,4476	7,7194
461	212521	97972181	21,4709	7,7250
462	213444	98611128	21,4942	7,7306
463	214369	99252847	21,5174	7,7362
464	215296	99897344	21,5407	7,7418
465	216225	100544625	21,5639	7,7473
466	217156	101194696	21,5870	7,7529
467	218089	101847563	21,6102	7,7584
468	219024	102503232	21,6333	7,7639
469	219961	103161709	21,6564	7,7695
470	220900	103823000	21,6795	7,7750

$n$	$n^2$	$n^3$	$\sqrt{n}$	$\sqrt[3]{n}$
471	221841	104487111	21,7025	7,7805
472	222784	105154048	21,7256	7,7860
473	223729	105823817	21,7486	7,7915
474	224676	106496424	21,7715	7,7970
475	225625	107171875	21,7945	7,8025
476	226576	107850176	21,8174	7,8079
477	227529	108531333	21,8403	7,8134
478	228484	109215352	21,8632	7,8188
479	229441	109902239	21,8861	7,8243
480	230400	110592000	21,9089	7,8297
481	231361	111284641	21,9317	7,8352
482	232324	111980168	21,9545	7,8406
483	233289	112678587	21,9773	7,8460
484	234256	113379904	22,0000	7,8514
485	235225	114084125	22,0227	7,8568
486	236196	114791256	22,0454	7,8622
487	237169	115501303	22,0681	7,8676
488	238144	116214272	22,0907	7,8730
489	239121	116930169	22,1133	7,8784
490	240100	117649000	22,1359	7,8837
491	241081	118370771	22,1585	7,8891
492	242064	119095488	22,1811	7,8944
493	243049	119823157	22,2036	7,8998
494	244036	120553784	22,2261	7,9051
495	245025	121287375	22,2486	7,9105
496	246016	122023936	22,2711	7,9158
497	247009	122763473	22,2935	7,9211
498	248004	123505992	22,3159	7,9264
499	249001	124251499	22,3383	7,9317
500	250000	125000000	22,3607	7,9370
501	251001	125751501	22,3830	7,9423
502	252004	126506008	22,4054	7,9476
503	253009	127263527	22,4277	7,9528
504	254016	128024064	22,4499	7,9581
505	255025	128787625	22,4722	7,9634
506	256036	129554216	22,4944	7,9686
507	257049	130323843	22,5167	7,9739
508	258064	131096512	22,5389	7,9791
509	259081	131872229	22,5610	7,9843
510	260100	132651000	22,5832	7,9896
511	261121	133432831	22,6053	7,9948
512	262144	134217728	22,6274	8,0000
513	263169	135005697	22,6495	8,0052
514	264196	135796744	22,6716	8,0104
515	265225	136590875	22,6936	8,0156
516	266256	137388096	22,7156	8,0208
517	267289	138188413	22,7376	8,0260
518	268324	138991832	22,7596	8,0311
519	269361	139798359	22,7816	8,0363
520	270400	140608000	22,8035	8,0415
521	271441	141420761	22,8254	8,0466
522	272484	142236648	22,8473	8,0517
523	273529	143055667	22,8692	8,0569
524	274576	143877824	22,8910	8,0620
525	275625	144703125	22,9129	8,0671
526	276676	145531576	22,9347	8,0723
527	277729	146363183	22,9565	8,0774
528	278784	147197952	22,9783	8,0825
529	279841	148035889	23,0000	8,0876
530	280900	148877000	23,0217	8,0927
531	281961	149721291	23,0434	8,0978
532	283024	150568768	23,0651	8,1028
533	284089	151419437	23,0868	8,1079
534	285156	152273304	23,1084	8,1130
535	286225	153130375	23,1301	8,1180
536	287296	153990656	23,1517	8,1231
537	288369	154854153	23,1733	8,1281
538	289444	155720872	23,1948	8,1332
539	290521	156590819	23,2164	8,1382
540	291600	157464000	23,2379	8,1433

$n$	$n^2$	$n^3$	$\sqrt{n}$	$\sqrt[3]{n}$
541	292681	158340421	23,2594	8,1485
542	293764	159220088	23,2809	8,1533
543	294849	160103007	23,3024	8,1583
544	295936	160989184	23,3238	8,1633
545	297025	161878625	23,3452	8,1683
546	298116	162771336	23,3666	8,1733
547	299209	163667323	23,3880	8,1783
548	300304	164566592	23,4094	8,1833
549	301401	165469149	23,4308	8,1882
550	302500	166375000	23,4521	8,1932
551	303601	167284151	23,4734	8,1982
552	304704	168196608	23,4947	8,2031
553	305809	169112377	23,5160	8,2081
554	306916	170031464	23,5372	8,2130
555	308025	170953875	23,5584	8,2180
556	309136	171879616	23,5797	8,2229
557	310249	172808693	23,6008	8,2278
558	311364	173741112	23,6220	8,2327
559	312481	174676879	23,6432	8,2377
560	313600	175616000	23,6643	8,2426
561	314721	176558481	23,6854	8,2475
562	315844	177504328	23,7065	8,2524
563	316969	178453547	23,7276	8,2573
564	318096	179406144	23,7487	8,2621
565	319225	180362125	23,7697	8,2670
566	320356	181321496	23,7908	8,2719
567	321489	182284263	23,8118	8,2768
568	322624	183250432	23,8328	8,2816
569	323761	184220009	23,8537	8,2865
570	324900	185193000	23,8747	8,2913
571	326041	186169411	23,8956	8,2962
572	327184	187149248	23,9165	8,3010
573	328329	188132517	23,9374	8,3059
574	329476	189119224	23,9583	8,3107
575	330625	190109375	23,9792	8,3155
576	331776	191102976	24,0000	8,3203
577	332929	192100033	24,0208	8,3251
578	334084	193100552	24,0416	8,3300
579	335241	194104539	24,0624	8,3348
580	336400	195112000	24,0832	8,3396
581	337561	196122941	24,1039	8,3443
582	338724	197137368	24,1247	8,3491
583	339889	198155287	24,1454	8,3539
584	341056	199176704	24,1661	8,3587
585	342225	200201625	24,1868	8,3634
586	343396	201230056	24,2074	8,3682
587	344569	202262003	24,2281	8,3730
588	345744	203297472	24,2487	8,3777
589	346921	204336469	24,2693	8,3825
590	348100	205379000	24,2899	8,3872
591	349281	206425071	24,3105	8,3919
592	350464	207474688	24,3311	8,3967
593	351649	208527857	24,3516	8,4014
594	352836	209584584	24,3721	8,4061
595	354025	210644875	24,3926	8,4108
596	355216	211708736	24,4131	8,4155
597	356409	212776173	24,4336	8,4202
598	357604	213847192	24,4540	8,4249
599	358801	214921799	24,4745	8,4296
600	360000	216000000	24,4949	8,4343
601	361201	217081801	24,5153	8,4390
602	362404	218167208	24,5357	8,4437
603	363609	219256227	24,5561	8,4484
604	364816	220348864	24,5764	8,4530
605	366025	221445125	24,5967	8,4577
606	367236	222545016	24,6171	8,4623
607	368449	223648543	24,6374	8,4670
608	369664	224755712	24,6577	8,4716
609	370881	225866529	24,6779	8,4763
610	372100	226981000	24,6982	8,4809

$n$	$n^2$	$n^3$	$\sqrt{n}$	$\sqrt[3]{n}$
611	373321	228099131	24,7184	8,4856
612	374544	229220928	24,7386	8,4902
613	375769	230346397	24,7588	8,4948
614	376996	231475544	24,7790	8,4994
615	378225	232608375	24,7992	8,5040
616	379456	233744896	24,8193	8,5086
617	380689	234885113	24,8395	8,5132
618	381924	236029032	24,8596	8,5178
619	383161	237176659	24,8797	8,5224
620	384400	238328000	24,8998	8,5270
621	385641	239483061	24,9199	8,5316
622	386884	240641848	24,9399	8,5362
623	388129	241804367	24,9600	8,5408
624	389376	242970624	24,9800	8,5453
625	390625	244140625	25,0000	8,5499
626	391876	245314376	25,0200	8,5544
627	393129	246491883	25,0400	8,5590
628	394384	247673152	25,0599	8,5635
629	395641	248858189	25,0799	8,5681
630	396900	250047000	25,0998	8,5726
631	398161	251239591	25,1197	8,5772
632	399424	252435968	25,1396	8,5817
633	400689	253636137	25,1595	8,5862
634	401956	254840104	25,1794	8,5907
635	403225	256047875	25,1992	8,5962
636	404496	257259456	25,2190	8,5997
637	405769	258474853	25,2389	8,6043
638	407044	259694072	25,2587	8,6088
639	408321	260917119	25,2785	8,6132
640	409600	262144000	25,2982	8,6177
641	410881	263374721	25,3180	8,6222
642	412164	264609288	25,3377	8,6267
643	413449	265847707	25,3574	8,6312
644	414736	267089984	25,3772	8,6357
645	416025	268336125	25,3969	8,6401
646	417316	269586136	25,4165	8,6446
647	418609	270840023	25,4362	8,6490
648	419904	272097792	25,4558	8,6535
649	421201	273359449	25,4755	8,6579
650	422500	274625000	25,4951	8,6624
651	423801	275894451	25,5147	8,6668
652	425104	277167808	25,5343	8,6713
653	426409	278445077	25,5539	8,6757
654	427716	279726264	25,5734	8,6801
655	429025	281011375	25,5930	8,6845
656	430336	282300416	25,6125	8,6890
657	431649	283593393	25,6320	8,6934
658	432964	284890312	25,6515	8,6978
659	434281	286191179	25,6710	8,7022
660	435600	287496000	25,6905	8,7066
661	436921	288804781	25,7099	8,7110
662	438244	290117528	25,7294	8,7154
663	439569	291434247	25,7488	8,7198
664	440896	292754944	25,7682	8,7241
665	442225	294079625	25,7876	8,7285
666	443556	295408296	25,8070	8,7329
667	444889	296740963	25,8263	8,7373
668	446224	298077632	25,8457	8,7416
669	447561	299418309	25,8650	8,7460
670	448900	300763000	25,8844	8,7503
671	450241	302111711	25,9037	8,7547
672	451584	303464448	25,9230	8,7590
673	452929	304821217	25,9422	8,7634
674	454276	306182024	25,9615	8,7677
675	455625	307546875	25,9808	8,7721
676	456976	308915776	26,0000	8,7764
677	458329	310288733	26,0192	8,7807
678	459684	311665752	26,0384	8,7850
679	461041	313046839	26,0576	8,7893
680	462400	314432000	26,0768	8,7937

$n$	$n^2$	$n^3$	$\sqrt{n}$	$\sqrt[3]{n}$
681	463 761	315 821 241	26,0960	8,7980
682	465 124	317 214 568	26,1151	8,8023
683	466 489	318 611 987	26,1343	8,8066
684	467 856	320 013 504	26,1534	8,8109
685	469 225	321 419 125	26,1725	8,8152
686	470 596	322 828 856	26,1916	8,8194
687	471 969	324 242 703	26,2107	8,8237
688	473 344	325 660 672	26,2298	8,8280
689	474 721	327 082 769	26,2488	8,8323
690	476 100	328 509 000	26,2679	8,8366
691	477 481	329 939 371	26,2869	8,8408
692	478 864	331 373 888	26,3059	8,8451
693	480 249	332 812 557	26,3249	8,8493
694	481 636	334 255 384	26,3439	8,8536
695	483 025	335 702 375	26,3629	8,8578
696	484 416	337 153 536	26,3818	8,8621
697	485 809	338 608 873	26,4008	8,8663
698	487 204	340 068 392	26,4197	8,8706
699	488 601	341 532 099	26,4386	8,8748
700	490 000	343 000 000	26,4575	8,8790
701	491 401	344 472 101	26,4764	8,8833
702	492 804	345 948 408	26,4953	8,8875
703	494 209	347 428 927	26,5141	8,8917
704	495 616	348 913 664	26,5330	8,8959
705	497 025	350 402 625	26,5518	8,9001
706	498 436	351 895 816	26,5707	8,9043
707	499 849	353 393 243	26,5895	8,9085
708	501 264	354 894 912	26,6083	8,9127
709	502 681	356 400 829	26,6271	8,9169
710	504 100	357 911 000	26,6458	8,9211
711	505 521	359 425 431	26,6646	8,9253
712	506 944	360 944 128	26,6833	8,9295
713	508 369	362 467 097	26,7021	8,9337
714	509 796	363 994 344	26,7208	8,9378
715	511 225	365 525 875	26,7395	8,9420
716	512 656	367 061 696	26,7582	8,9462
717	514 089	368 601 813	26,7769	8,9503
718	515 524	370 146 232	26,7955	8,9545
719	516 961	371 694 959	26,8142	8,9587
720	518 400	373 248 000	26,8328	8,9628
721	519 841	374 805 361	26,8514	8,9670
722	521 284	376 367 048	26,8701	8,9711
723	522 729	377 933 067	26,8887	8,9752
724	524 176	379 503 424	26,9072	8,9794
725	525 625	381 078 125	26,9258	8,9835
726	527 076	382 657 176	26,9444	8,9876
727	528 529	384 240 583	26,9629	8,9918
728	529 984	385 828 352	26,9815	8,9959
729	531 441	387 420 489	27,0000	9,0000
730	532 900	389 017 000	27,0185	9,0041
731	534 361	390 617 891	27,0370	9,0082
732	535 824	392 223 168	27,0555	9,0123
733	537 289	393 832 837	27,0740	9,0164
734	538 756	395 446 904	27,0924	9,0205
735	540 225	397 065 375	27,1109	9,0246
736	541 696	398 688 256	27,1293	9,0287
737	543 169	400 315 553	27,1477	9,0328
738	544 644	401 947 272	27,1662	9,0369
739	546 121	403 583 419	27,1846	9,0410
740	547 600	405 224 000	27,2029	9,0450
741	549 081	406 869 021	27,2213	9,0491
742	550 564	408 518 488	27,2397	9,0532
743	552 049	410 172 407	27,2580	9,0572
744	553 536	411 830 784	27,2764	9,0613
745	555 025	413 493 625	27,2947	9,0654
746	556 516	415 160 936	27,3130	9,0694
747	558 009	416 832 723	27,3313	9,0735
748	559 504	418 508 992	27,3496	9,0775
749	561 001	420 189 749	27,3679	9,0816
750	562 500	421 875 000	27,3861	9,0856

$n$	$n^2$	$n^3$	$\sqrt{n}$	$\sqrt[3]{n}$
751	564 001	423 564 751	27,4044	9,0896
752	565 504	425 259 008	27,4226	9,0937
753	567 009	426 957 777	27,4408	9,0977
754	568 516	428 661 064	27,4591	9,1017
755	570 025	430 368 875	27,4773	9,1057
756	571 536	432 081 216	27,4955	9,1098
757	573 049	433 798 093	27,5136	9,1138
758	574 564	435 519 512	27,5318	9,1178
759	576 081	437 245 479	27,5500	9,1218
760	577 600	438 976 000	27,5681	9,1258
761	579 121	440 711 081	27,5862	9,1298
762	580 644	442 450 728	27,6043	9,1338
763	582 169	444 194 947	27,6225	9,1378
764	583 696	445 943 744	27,6406	9,1418
765	585 225	447 697 125	27,6586	9,1458
766	586 756	449 455 096	27,6767	9,1498
767	588 289	451 217 663	27,6948	9,1537
768	589 824	452 984 832	27,7128	9,1577
769	591 361	454 756 609	27,7308	9,1617
770	592 900	456 533 000	27,7489	9,1657
771	594 441	458 314 011	27,7669	9,1696
772	595 984	460 099 648	27,7849	9,1736
773	597 529	461 889 917	27,8029	9,1775
774	599 076	463 684 824	27,8209	9,1815
775	600 625	465 484 375	27,8388	9,1855
776	602 176	467 288 576	27,8568	9,1894
777	603 729	469 097 433	27,8747	9,1933
778	605 284	470 910 952	27,8927	9,1973
779	606 841	472 729 139	27,9106	9,2012
780	608 400	474 552 000	27,9285	9,2052
781	609 961	476 379 541	27,9464	9,2091
782	611 524	478 211 768	27,9643	9,2130
783	613 089	480 048 687	27,9821	9,2170
784	614 656	481 890 304	28,0000	9,2209
785	616 225	483 736 625	28,0179	9,2248
786	617 796	485 587 656	28,0357	9,2287
787	619 369	487 443 403	28,0535	9,2326
788	620 944	489 303 872	28,0713	9,2365
789	622 521	491 169 069	28,0891	9,2404
790	624 100	493 039 000	28,1069	9,2443
791	625 681	494 913 671	28,1247	9,2482
792	627 264	496 793 088	28,1425	9,2521
793	628 849	498 677 257	28,1603	9,2560
794	630 436	500 566 184	28,1780	9,2599
795	632 025	502 459 875	28,1957	9,2638
796	633 616	504 358 336	28,2135	9,2677
797	635 209	506 261 573	28,2312	9,2716
798	636 804	508 169 592	28,2489	9,2754
799	638 401	510 082 399	28,2666	9,2793
800	640 000	512 000 000	28,2843	9,2832
801	641 601	513 922 401	28,3019	9,2870
802	643 204	515 849 608	28,3196	9,2909
803	644 809	517 781 627	28,3373	9,2948
804	646 416	519 718 464	28,3549	9,2986
805	648 025	521 660 125	28,3725	9,3025
806	649 636	523 606 616	28,3901	9,3063
807	651 249	525 557 943	28,4077	9,3102
808	652 864	527 514 112	28,4253	9,3140
809	654 481	529 475 129	28,4429	9,3179
810	656 100	531 441 000	28,4605	9,3217
811	657 721	533 411 731	28,4781	9,3255
812	659 344	535 387 328	28,4956	9,3294
813	660 969	537 367 797	28,5132	9,3332
814	662 596	539 353 144	28,5307	9,3370
815	664 225	541 343 375	28,5482	9,3408
816	665 856	543 338 496	28,5657	9,3447
817	667 489	545 338 513	28,5832	9,3485
818	669 124	547 343 432	28,6007	9,3523
819	670 761	549 353 259	28,6182	9,3561
820	672 400	551 368 000	28,6356	9,3599



$n$	$n^2$	$n^3$	$\sqrt{n}$	$\sqrt[3]{n}$
821	674 041	553 387 661	28,6531	9,3637
822	675 684	555 412 248	28,6705	9,3675
823	677 329	557 441 767	28,6880	9,3713
824	678 976	559 476 224	28,7054	9,3751
825	680 625	561 515 625	28,7228	9,3789
826	682 276	563 559 976	28,7402	9,3827
827	683 929	565 609 283	28,7576	9,3865
828	685 584	567 663 552	28,7750	9,3902
829	687 241	569 722 789	28,7924	9,3940
830	688 900	571 787 000	28,8097	9,3978
831	690 561	573 856 191	28,8271	9,4016
832	692 224	575 930 368	28,8444	9,4053
833	693 889	578 009 537	28,8617	9,4091
834	695 556	580 093 704	28,8791	9,4129
835	697 225	582 182 875	28,8964	9,4166
836	698 896	584 277 056	28,9137	9,4204
837	700 569	586 376 253	28,9310	9,4241
838	702 244	588 480 472	28,9482	9,4279
839	703 921	590 589 719	28,9655	9,4316
840	705 600	592 704 000	28,9828	9,4354
841	707 281	594 823 321	29,0000	9,4391
842	708 964	596 947 688	29,0172	9,4429
843	710 649	599 077 107	29,0345	9,4466
844	712 336	601 211 584	29,0517	9,4503
845	714 025	603 351 125	29,0689	9,4541
846	715 716	605 495 736	29,0861	9,4578
847	717 409	607 645 423	29,1033	9,4615
848	719 104	609 800 192	29,1204	9,4652
849	720 801	611 960 049	29,1376	9,4690
850	722 500	614 125 000	29,1548	9,4727
851	724 201	616 295 051	29,1719	9,4764
852	725 904	618 470 208	29,1890	9,4801
853	727 609	620 650 477	29,2062	9,4838
854	729 316	622 835 864	29,2233	9,4875
855	731 025	625 026 375	29,2404	9,4912
856	732 736	627 222 016	29,2575	9,4949
857	734 449	629 422 793	29,2746	9,4986
858	736 164	631 628 712	29,2916	9,5023
859	737 881	633 839 779	29,3087	9,5060
860	739 600	636 056 000	29,3258	9,5097
861	741 321	638 277 381	29,3428	9,5134
862	743 044	640 503 928	29,3598	9,5171
863	744 769	642 735 647	29,3769	9,5207
864	746 496	644 972 544	29,3939	9,5244
865	748 225	647 214 625	29,4109	9,5281
866	749 956	649 461 896	29,4279	9,5317
867	751 689	651 714 363	29,4449	9,5354
868	753 424	653 972 032	29,4618	9,5391
869	755 161	656 234 909	29,4788	9,5427
870	756 900	658 503 000	29,4958	9,5464
871	758 641	660 776 311	29,5127	9,5501
872	760 384	663 054 848	29,5296	9,5537
873	762 129	665 338 617	29,5466	9,5574
874	763 876	667 627 624	29,5635	9,5610
875	765 625	669 921 875	29,5804	9,5647
876	767 376	672 221 376	29,5973	9,5683
877	769 129	674 526 133	29,6142	9,5719
878	770 884	676 836 152	29,6311	9,5756
879	772 641	679 151 439	29,6479	9,5792
880	774 400	681 472 000	29,6648	9,5828
881	776 161	683 797 841	29,6816	9,5865
882	777 924	686 128 968	29,6985	9,5901
883	779 689	688 465 387	29,7153	9,5937
884	781 456	690 807 104	29,7321	9,5973
885	783 225	693 154 125	29,7490	9,6010
886	784 996	695 506 456	29,7658	9,6046
887	786 769	697 864 103	29,7825	9,6082
888	788 544	700 227 072	29,7993	9,6118
889	790 321	702 593 369	29,8161	9,6154
890	792 100	704 969 000	29,8329	9,6190

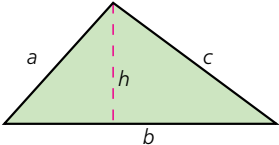
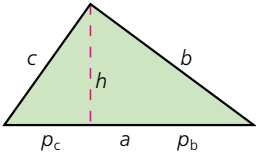
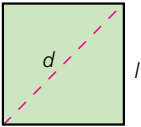
$n$	$n^2$	$n^3$	$\sqrt{n}$	$\sqrt[3]{n}$
891	793 881	707 347 971	29,8496	9,6226
892	795 664	709 732 288	29,8664	9,6262
893	797 449	712 121 957	29,8831	9,6298
894	799 236	714 516 984	29,8998	9,6334
895	801 025	716 917 375	29,9166	9,6370
896	802 816	719 323 136	29,9333	9,6406
897	804 609	721 734 273	29,9500	9,6442
898	806 404	724 150 792	29,9666	9,6477
899	808 201	726 572 699	29,9833	9,6513
900	810 000	729 000 000	30,0000	9,6549
901	811 801	731 432 701	30,0167	9,6585
902	813 604	733 870 808	30,0333	9,6620
903	815 409	736 314 327	30,0500	9,6656
904	817 216	738 763 264	30,0666	9,6692
905	819 025	741 217 625	30,0832	9,6727
906	820 836	743 677 416	30,0998	9,6763
907	822 649	746 142 643	30,1164	9,6799
908	824 464	748 613 312	30,1330	9,6834
909	826 281	751 089 429	30,1496	9,6870
910	828 100	753 571 000	30,1662	9,6905
911	829 921	756 058 031	30,1828	9,6941
912	831 744	758 550 528	30,1993	9,6976
913	833 569	761 048 497	30,2159	9,7012
914	835 396	763 551 944	30,2324	9,7047
915	837 225	766 060 875	30,2490	9,7082
916	839 056	768 575 296	30,2655	9,7118
917	840 889	771 095 213	30,2820	9,7153
918	842 724	773 620 632	30,2985	9,7188
919	844 561	776 151 559	30,3150	9,7224
920	846 400	778 688 000	30,3315	9,7259
921	848 241	781 229 961	30,3480	9,7294
922	850 084	783 777 448	30,3645	9,7329
923	851 929	786 330 467	30,3809	9,7364
924	853 776	788 889 024	30,3974	9,7400
925	855 625	791 453 125	30,4138	9,7435
926	857 476	794 022 276	30,4302	9,7470
927	859 329	796 597 983	30,4467	9,7505
928	861 184	799 178 752	30,4631	9,7540
929	863 041	801 765 089	30,4795	9,7575
930	864 900	804 357 000	30,4959	9,7610
931	866 761	806 954 491	30,5123	9,7645
932	868 624	809 557 568	30,5287	9,7680
933	870 489	812 166 237	30,5450	9,7715
934	872 356	814 780 504	30,5614	9,7750
935	874 225	817 400 375	30,5778	9,7785
936	876 096	820 025 856	30,5941	9,7819
937	877 969	822 656 953	30,6105	9,7854
938	879 844	825 293 672	30,6268	9,7889
939	881 721	827 936 019	30,6431	9,7924
940	883 600	830 584 000	30,6594	9,7959
941	885 481	833 237 621	30,6757	9,7993
942	887 364	835 896 888	30,6920	9,8028
943	889 249	838 561 807	30,7083	9,8063
944	891 136	841 232 384	30,7246	9,8097
945	893 025	843 908 625	30,7409	9,8132
946	894 916	846 590 536	30,7571	9,8167
947	896 809	849 278 123	30,7734	9,8201
948	898 704	851 971 392	30,7896	9,8236
949	900 601	854 670 349	30,8058	9,8270
950	902 500	857 375 000	30,8221	9,8305
951	904 401	860 085 351	30,8383	9,8339
952	906 304	862 801 408	30,8545	9,8374
953	908 209	865 523 177	30,8707	9,8408
954	910 116	868 250 664	30,8869	9,8443
955	912 025	870 983 875	30,9031	9,8477
956	913 936	873 722 816	30,9193	9,8511
957	915 849	876 467 493	30,9354	9,8546
958	917 764	879 217 912	30,9516	9,8580
959	919 681	881 974 079	30,9677	9,8614
960	921 600	884 736 000	30,9839	9,8648

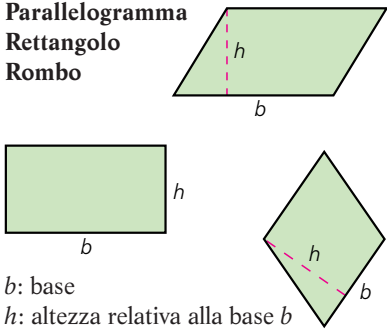
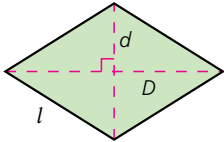
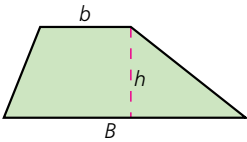
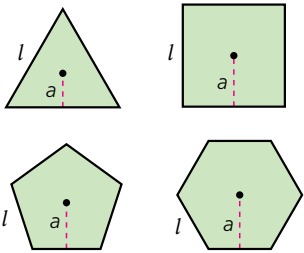
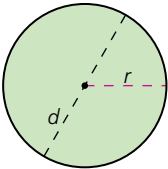
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962	925 444	890 277 128	31,0161	9,8717
963	927 369	893 056 347	31,0322	9,8751
964	929 296	895 841 344	31,0484	9,8785
965	931 225	898 632 125	31,0645	9,8819
966	933 156	901 428 696	31,0805	9,8854
967	935 089	904 231 063	31,0966	9,8888
968	937 024	907 039 232	31,1127	9,8922
969	938 961	909 853 209	31,1288	9,8956
970	940 900	912 673 000	31,1448	9,8990
971	942 841	915 498 611	31,1609	9,9024
972	944 784	918 330 048	31,1769	9,9058
973	946 729	921 167 317	31,1929	9,9092
974	948 676	924 010 424	31,2090	9,9126
975	950 625	926 859 375	31,2250	9,9160
976	952 576	929 714 176	31,2410	9,9194
977	954 529	932 574 853	31,2570	9,9227
978	956 484	935 441 352	31,2730	9,9261
979	958 441	938 313 739	31,2890	9,9295
980	960 400	941 192 000	31,3050	9,9329

$n$	$n^2$	$n^3$	$\sqrt{n}$	$\sqrt[3]{n}$
981	962 361	944 076 141	31,3209	9,9363
982	964 324	946 966 168	31,3369	9,9396
983	966 289	949 862 087	31,3528	9,9430
984	968 256	952 763 904	31,3688	9,9464
985	970 225	955 671 625	31,3847	9,9497
986	972 196	958 585 256	31,4006	9,9531
987	974 169	961 504 803	31,4166	9,9565
988	976 144	964 430 272	31,4325	9,9598
989	978 121	967 361 669	31,4484	9,9632
990	980 100	970 299 000	31,4643	9,9666
991	982 081	973 242 271	31,4802	9,9699
992	984 064	976 191 488	31,4960	9,9733
993	986 049	979 146 657	31,5119	9,9766
994	988 036	982 107 784	31,5278	9,9800
995	990 025	985 074 875	31,5436	9,9833
996	992 016	988 047 936	31,5595	9,9866
997	994 009	991 026 973	31,5753	9,9900
998	996 004	994 011 992	31,5911	9,9933
999	998 001	997 002 999	31,6070	9,9967
1 000	1 000 000	1 000 000 000	31,6228	10,0000

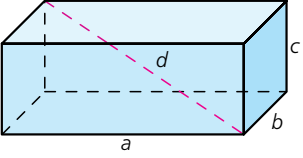
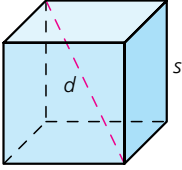
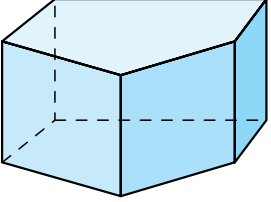
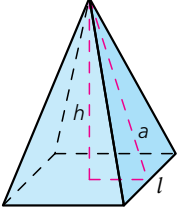
# FORMULARIO DI GEOMETRIA PIANA

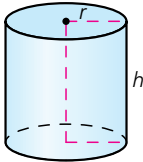
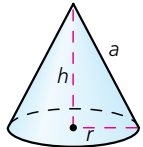
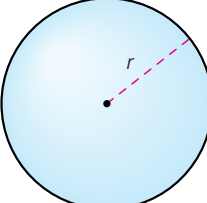
Poligono	Numero fisso $f$ (rapporto tra apotema e lato: $\frac{a}{l}$ )
Triangolo equilatero	0,289
Quadrato	0,500
Pentagono regolare	0,688
Esagono regolare	0,866
Ettagono regolare	1,038
Ottagono regolare	1,207
Ennagono regolare	1,374
Decagono regolare	1,539
Dodecagono regolare	1,866

Poligono	Formule dirette	Formule inverse
<b>Triangolo</b>  $a, b, c$ : lati $h$ : altezza relativa alla base $b$ $p$ : perimetro	$A = \frac{b \cdot h}{2} \quad p = a + b + c$ oppure, con la formula di Erone: $A = \sqrt{\frac{p}{2} \cdot \left(\frac{p}{2} - a\right) \cdot \left(\frac{p}{2} - b\right) \cdot \left(\frac{p}{2} - c\right)}$	$b = \frac{A \cdot 2}{h}$ $h = \frac{A \cdot 2}{b}$
<b>Triangolo rettangolo</b>  $a$ : ipotenusa $b, c$ : cateti $h$ : altezza relativa all'ipotenusa $p_c$ e $p_b$ : proiezioni dei cateti sull'ipotenusa	$A = \frac{a \cdot h}{2} \quad \text{oppure} \quad A = \frac{b \cdot c}{2}$ Teorema di Pitagora: $a = \sqrt{b^2 + c^2}$ Teoremi di Euclide: $a : c = c : p_c \quad a : b = b : p_b$ $p_c : h = h : p_b$	$b = \sqrt{a^2 - c^2}$ $c = \sqrt{a^2 - b^2}$
<b>Quadrato</b>  $l$ : lato $d$ : diagonale	$A = l^2 \quad \text{oppure} \quad A = \frac{d^2}{2}$ $d = l \cdot \sqrt{2} \quad \text{oppure, approssimando}$ $d = l \cdot 1,4142$	$l = \sqrt{A}$ $d = \sqrt{A \cdot 2}$ $l = \frac{d}{\sqrt{2}} \quad \text{oppure, approssimando}$ $l = \frac{d}{1,4142}$

Poligono	Formule dirette	Formule inverse
<p><b>Parallelogramma</b> <b> Rettangolo</b> <b> Rombo</b></p>  <p><i>b</i>: base <i>h</i>: altezza relativa alla base <i>b</i></p>	$A = b \cdot h$	$b = \frac{A}{h} \quad h = \frac{A}{b}$
<p><b>Rombo</b></p>  <p><i>d</i>: diagonale minore <i>D</i>: diagonale maggiore <i>l</i>: lato</p>	$A = \frac{d_1 \cdot d_2}{2}$ $l = \sqrt{\left(\frac{d}{2}\right)^2 + \left(\frac{D}{2}\right)^2}$	$d_1 = \frac{2 \cdot A}{d_2} \quad d_2 = \frac{2 \cdot A}{d_1}$ $\frac{d}{2} = \sqrt{l^2 - \left(\frac{D}{2}\right)^2}$
<p><b>Trapezio</b></p>  <p><i>b</i>: base minore <i>B</i>: base maggiore <i>h</i>: altezza</p>	$A = \frac{(B + b) \cdot h}{2}$	$h = \frac{2 \cdot A}{B + b} \quad B + b = \frac{2 \cdot A}{h}$
<p><b>Poligono regolare</b></p>  <p><i>a</i>: apotema <i>l</i>: lato <i>n</i>: numero di lati <i>f</i>: numero fisso</p>	$a = l \cdot f$ $A = \frac{p \cdot a}{2} \quad \text{oppure}$ $A = \frac{n \cdot l^2 \cdot f}{2}$	$a = \frac{A \cdot 2}{p} \quad p = \frac{A \cdot 2}{a}$
<p><b>Circonferenza e cerchio</b></p>  <p><i>r</i>: raggio <i>d</i>: diametro</p>	$C = \pi \cdot d = 2 \cdot \pi \cdot r$ $A = \pi \cdot r^2$	$d = \frac{C}{\pi} \quad r = \frac{C}{2\pi}$ $r = \sqrt{\frac{A}{\pi}}$

# FORMULARIO DI GEOMETRIA SOLIDA

Solido	Formule dirette	Formule inverse
<b>Parallelepipedo rettangolo</b> 	$A_l = p_b h$ oppure $A_l = 2(ab + bc)$ $A_t = A_l + 2A_b$ oppure $A_t = 2(ab + ac + bc)$ $V = abc$ oppure $V = A_b h$ $d = \sqrt{a^2 + b^2 + c^2}$	$p_b = \frac{A_l}{h}$ $h = \frac{A_l}{p_b}$ $A_l = A_t - 2A_b$ $A_b = \frac{A_t - A_l}{2}$ $A_b = \frac{V}{h}$ $h = \frac{V}{A_b}$
<b>Cubo</b> 	Come il parallelepipedo, oppure: $A_l = 4s^2$ $A_t = 6s^2$ $V = s^3$ $d = s\sqrt{3} \approx s \cdot 1,73$	$s = \sqrt{\frac{A_l}{4}}$ $s = \sqrt{\frac{A_t}{6}}$ $s = \sqrt[3]{V}$
<b>Prisma retto</b> 	$A_l = p_b h$ $A_t = A_l + 2A_b$ $V = A_b h$	$p_b = \frac{A_l}{h}$ $h = \frac{A_l}{p_b}$ $A_l = A_t - 2A_b$ $A_b = \frac{A_t - A_l}{2}$ $A_b = \frac{V}{h}$ $h = \frac{V}{A_b}$
<b>Piramide retta</b> 	$A_l = \frac{p_b a}{2}$ $A_t = A_l + A_b$ $V = \frac{A_b h}{3}$	$p_b = \frac{2A_l}{a}$ $a = \frac{2A_l}{p_b}$ $A_b = \frac{3V}{h}$ $h = \frac{3V}{A_b}$

Solido	Formule dirette	Formule inverse
<b>Cilindro</b> 	$A_l = 2\pi r h$ $A_t = A_l + 2A_b$ $V = \pi r^2 h$	$r = \frac{A_l}{2\pi h}$ $h = \frac{A_l}{2\pi r}$ $A_l = A_t - 2A_b$ $A_b = \frac{A_t - A_l}{2}$ $h = \frac{V}{\pi r^2}$ $r = \sqrt{\frac{V}{\pi h}}$
<b>Cono</b>  C: misura della circonferenza di base	$A_l = \frac{C \cdot a}{2} = \pi r a$ $A_l = \pi r a$ $A_t = A_l + A_b = \pi r a + \pi r^2$ $V = \frac{\pi r^2 h}{3}$	$a = \frac{A_l}{\pi r}$ $r = \frac{A_l}{\pi a}$ $r = \sqrt{\frac{3V}{\pi h}}$ $h = \frac{3V}{\pi r^2}$
<b>Sfera</b> 	$A = 4\pi r^2$ $V = \frac{4}{3}\pi r^3$	$r = \sqrt{\frac{A}{4\pi}}$ $r = \sqrt[3]{\frac{3V}{4\pi}}$

Poliedri regolari	Area totale	Volume
Tetraedro	$4 \cdot l^2 \cdot 0,433$	$l^3 \cdot 0,117$
Esaedro o Cubo	$6 \cdot l^2$	$l^3 \cdot 1$
Ottaedro	$8 \cdot l^2 \cdot 0,433$	$l^3 \cdot 0,471$
Dodecaedro	$12 \cdot l^2 \cdot 1,720$	$l^3 \cdot 7,663$
Icosaedro	$20 \cdot l^2 \cdot 0,433$	$l^3 \cdot 2,182$

# ALFABETO GRECO

Lettera	Nome	Pronuncia	
α	A	alfa	a
β	B	beta	b
γ	Γ	gamma	g (dura)
δ	Δ	delta	d
ε	E	épsilon	e (chiusa)
ζ	Z	zeta	z (dolce)
η	H	eta	e (aperta)
θ	Θ	theta	th
ι	I	iota	i
κ	K	cappa	c (dura)
λ	Λ	lambda	l
μ	M	mi	m
ν	N	ni	n
ξ	Ξ	csi	ks, x
ο	O	omicron	o (chiusa)
π	Π	pi	p
ρ	P	rho	r
σ, ς	Σ	sigma	s (aspra)
τ	T	tau	t
υ	Υ	ippsilon	ü
φ	Φ	phi	ph
χ	X	chi	ch
ψ	Ψ	psi	ps
ω	Ω	omega	o (aperta)

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**ARITMETICA A**  
**DALLE CONOSCENZE ALLE COMPETENZE**