```
n    n^2    n^3      rad_quad(n)  rad_cub(n)
-----------------------------------------------------------------------------
1    1      1        1.0          1.0
2    4      8        1.4142       1.2599
3    9      27       1.7321       1.4422
4    16     64       2.0          1.5874
5    25     125      2.2361       1.71
6    36     216      2.4495       1.8171
7    49     343      2.6458       1.9129
8    64     512      2.8284       2.0
9    81     729      3.0          2.0801
10   100    1000     3.1623       2.1544
11   121    1331     3.3166       2.224
12   144    1728     3.4641       2.2894
13   169    2197     3.6056       2.3513
14   196    2744     3.7417       2.4101
15   225    3375     3.873        2.4662
16   256    4096     4.0          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       2.802
23   529    12167    4.7958       2.8439
24   576    13824    4.899        2.8845
25   625    15625    5.0          2.924
26   676    17576    5.099        2.9625
27   729    19683    5.1962       3.0
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    5.831        3.2396
35   1225   42875    5.9161       3.2711
36   1296   46656    6.0          3.3019
37   1369   50653    6.0828       3.3322
38   1444   54872    6.1644       3.362
39   1521   59319    6.245        3.3912
40   1600   64000    6.3246       3.42
41   1681   68921    6.4031       3.4482
42   1764   74088    6.4807       3.476
43   1849   79507    6.5574       3.5034
44   1936   85184    6.6332       3.5303
45   2025   91125    6.7082       3.5569
46   2116   97336    6.7823       3.583
47   2209   103823   6.8557       3.6088
48   2304   110592   6.9282       3.6342
49   2401   117649   7.0          3.6593
50   2500   125000   7.0711       3.684
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       3.803
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       3.893
60   3600   216000   7.746        3.9149
61   3721   226981   7.8102       3.9365
62   3844   238328   7.874        3.9579
63   3969   250047   7.9373       3.9791
64   4096   262144   8.0          4.0
65   4225   274625   8.0623       4.0207
66   4356   287496   8.124        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   8.544        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   8.775        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	9.0	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	4.414
87	7569	658503	9.3274	4.431
88	7744	681472	9.3808	4.448
89	7921	704969	9.434	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	9.798	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	10.0	4.6416