

# CUBE ROOT REFERENCE CHART

Precision Values:  $n = \sqrt[3]{x}$

<b>INTEGER (X)</b> <b>PERFECT CUBE (X<sup>3</sup>)</b> <b>CUBE ROOT (<math>\sqrt[3]{X}</math>)</b>
1
1
1.000
2
8
1.259
3
27
1.442
4
64
1.587
5
125
1.709
6
216
1.817
7
343
1.912
8
512
2.000

9
729
2.080
10
1,000
2.154
11
1,331
2.223
12
1,728
2.289
15
3,375
2.466
20
8,000
2.714
25
15,625
2.924
50
125,000
3.684
100
1,000,000
4.641

*Definition: The cube root of a number  $x$  is a number  $a$  such that  $a^3 = x$ .*