

KEY

Find the approximate square root for each number below to complete the table. Check by multiplying your approximations to determine how close each square root approximation is.

Number	Square root
1	1
2	≈ 1.4
3	≈ 1.7
4	2
5	≈ 2.2
6	≈ 2.4
7	≈ 2.6
8	≈ 2.8
9	3
10	≈ 3.2
11	≈ 3.3
12	≈ 3.5
13	≈ 3.6
14	≈ 3.7
15	≈ 3.9
16	4

$1.4^2 = 1.96$

$1.7^2 = 2.89$

$2.2^2 = 4.84$

$2.4^2 = 5.76$

$2.6^2 = 6.76$

$2.8^2 = 7.84$

$3.2^2 = 10.24$

$3.3^2 = 10.89$

$3.5^2 = 12.25$

$3.6^2 = 12.96$

$3.7^2 = 13.69$

$3.9^2 = 15.21$

b/w 1+2

b/w 1+2

b/w 2+3

b/w 2+3

b/w 2+3

b/w 2+3

b/w 3+4



○ → perfect squares
(square roots are integers)