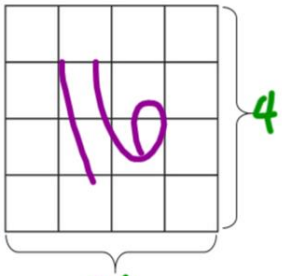
A

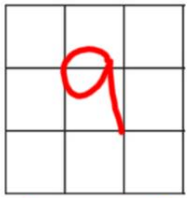
PERFECT SQUARE

is any number that shows the area of a square. The square root is the side length.



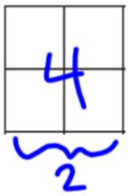
$4^2 = 16$

$\sqrt{16} = 4$



$3^2 = 9$

$\sqrt{9} = 3$



$2^2 = 4$

$\sqrt{4} = 2$

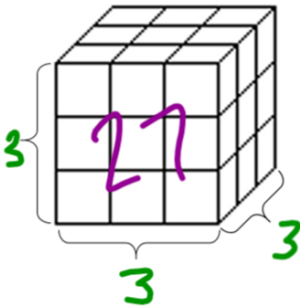
$1^2 = 1$

$\sqrt{1} = 1$

A

PERFECT CUBE

is any number that shows the volume of a cube. The cube root is the side length.

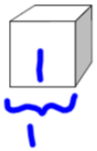


$3^3 = 27$

$\sqrt[3]{27} = 3$

$2^3 = 8$

$\sqrt[3]{8} = 2$



$1^3 = 1$

$\sqrt[3]{1} = 1$

Side Length (Square/Cube Root)	Area (Perfect Square)	Volume (Perfect Cube)
x	x^2	x^3
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		