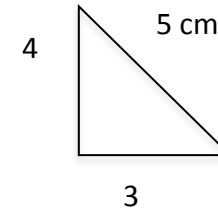# Volume of Right, Rectangular Prisms - Lesson Assist
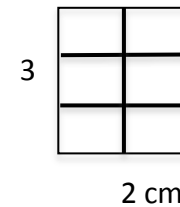
Perimeter = <u>Distance</u> around a figure, could measure with a ruler so units are inches, feet, cm etc.

Perimeter = 3 + 4 + 5 = 12 cm

5 cm

4

3

Area = <u>Space</u> inside a **2**-dimensional (flat) figure, measure with squares so units are in^2, ft^2, cm^2 etc.

Area = 3 X 2 = 6 cm^2

3

2 cm

Volume = Space inside a **3**-dimensional figure (prism), measure with cubes so units are in^3, ft^3, cm^3 etc.

Volume = 18 cm^3

(How did I get 18 ?)

3

2

3 cm
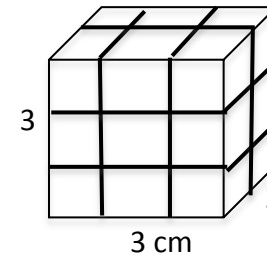
Skills Assist	
Multilpy Fractions - multiply across tops and bottoms	**Multiply decimals** - multiply as normal, then count how many numbers are behind decimal places in those numbers. Use that many decimal places in your answer.
$$\frac{1}{3} \times \frac{3}{5} = \frac{3}{15}$$	$\times$ 3.2 4.15 160 320 12800 13.280
* answer can be simplified more	* There are **3** numbers behind decimals in problem so need **3** numbers behind in solution