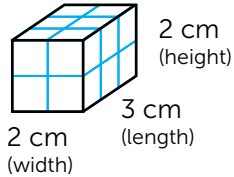Name: _____   Date: _____

What's the Formula?

The mathematical formula for volume is **length** x **width** x **height**.

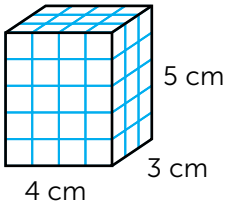The short version of this is **V = l x w x h**

Directions: *Write the missing values for the length, width, and height of each cube.*

Example:

2 cm (height)
3 cm (length)
2 cm (width)

__2__ cm x __3__ cm x __2__ cm = __12__ cm³

1.

5 cm
3 cm
4 cm

_____ cm x _____ cm x _____ cm = 60 cm³
(length)   (width)   (height)

2.

4 cm
6 cm   3 cm
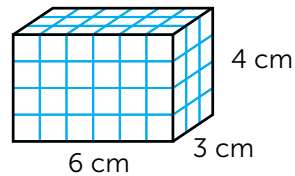
_____ cm x _____ cm x _____ cm = 72 cm³
(length)   (width)   (height)

3.

10 m
5 m
4 m
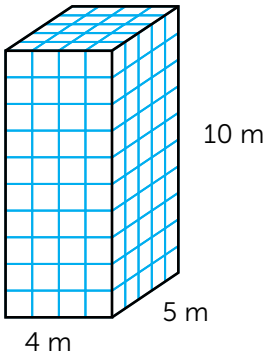
_____ m x _____ m x _____ m = 200 m³
(length)   (width)   (height)

4.

6 in
6 in   3 in
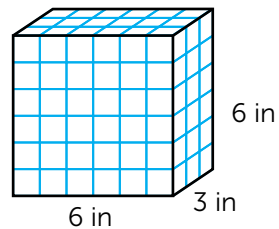
_____ in x _____ in x _____ in = 108 in³
(length)   (width)   (height)

5.

5 in
7 in
4 in

_____ in x _____ in x _____ in = 140 in³
(length)   (width)   (height)