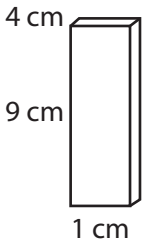
Name: _____ Date: _____

Volume Calculations Introduction # 3

Volume is the measure of space inside of a solid object.
Volume is measured in **cubic units (in^3, yd^3, cm^3, ft^3).**

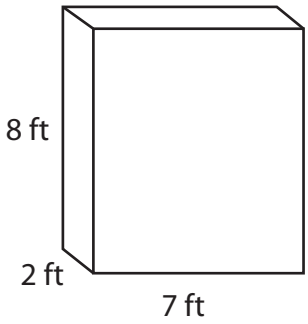


To find the volume of a rectangular prism, multiply the length **(l)** by the width **(w)** by the height **(h)**.

l x w x h = Volume (V)
(1 cm x 4 cm) x 9 cm = Volume (V)
(4 cm^2) x 9 cm = Volume (V)
36 cm^3 = Volume (V)

Directions: Calculate the volume of each solid using the equation l x w x h = volume.

1.



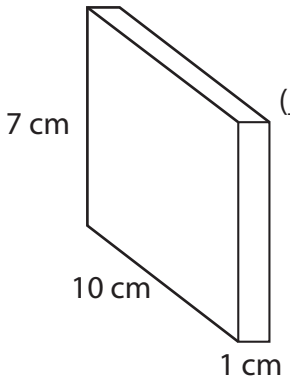
____ x ____ x ____ = V

(____ x ____) x ____ = V

(_____) x ____ = V

_____ = Volume

2.



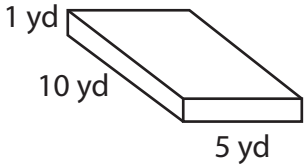
____ x ____ x ____ = V

(____ x ____) x ____ = V

(_____) x ____ = V

_____ = Volume

3.



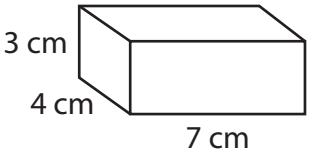
____ x ____ x ____ = V

(____ x ____) x ____ = V

(_____) x ____ = V

_____ = Volume

4.



____ x ____ x ____ = V

(____ x ____) x ____ = V

(_____) x ____ = V

_____ = Volume