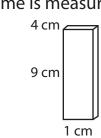
Volume Calculations Introduction #3

Volume is the measure of space inside of a solid object. Volume is measured in **cubic units** (in³, yd³, cm³, ft³).

neight (h) u_{ij}

length (I)

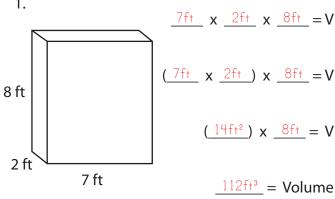


To find the volume of a rectangular prism, multiply the length (I) by the width (w) by the height (h).

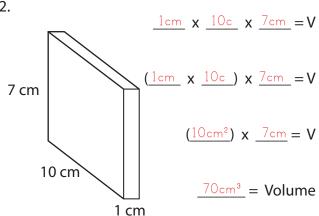
- $I \times W \times h = Volume(V)$
- (1 cm x 4 cm) x 9 cm = Volume (V)
 - $(4 \text{ cm}^2) \times 9 \text{ cm} = \text{Volume} (V)$
 - $36 \text{ cm}^3 = \text{Volume (V)}$

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

1.



2.



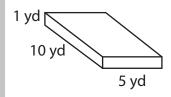
3.

4.

$$7cm \times 4cm \times 3cm = V$$

 $(5yd \times 10yd) \times 1yd = V$

$$(7cm \times 4cm) \times 3cm = V$$



$$(50\text{yd}^2) \times 1\text{yd} = V$$

$$(28cm^2) x 3cm = V$$

84cm³ = Volume