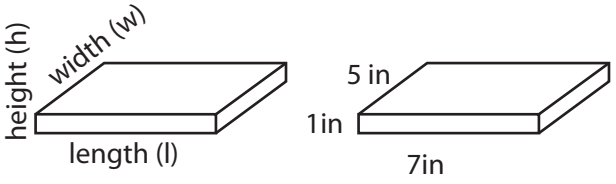
Name: _____ Date: _____

# Volume Calculations Introduction # 2

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

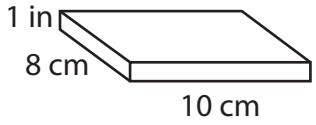
To find the volume of a rectangular prism, multiply the length **(l)** by the width **(w)** by the height **(h)**.




l x w x h = Volume (V)
(7 in x 5 in) x 1 in = Volume (V)
(35 $in^2$) x 1 in = Volume (V)
35 $in^3$ = Volume (V)

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

1.



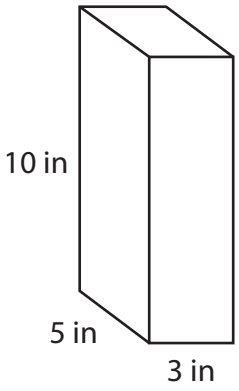

10in x 8in x 1in = V

(10in x 8in) x 1in = V

($80in^2$) x 1in = V

$80in^3$ = Volume

2.



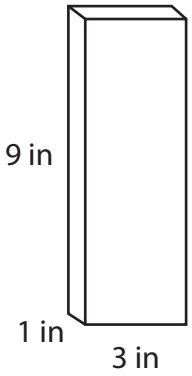

3in x 5in x 10in = V

(3in x 5in) x 10in = V

($15in^2$) x 10in = V

$150in^3$ = Volume

3.




3in x 1in x 9in = V

(3in x 1in) x 9in = V

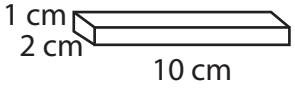
($3in^2$) x 9in = V

$27in^3$ = Volume

4.

10cm x 2cm x 1cm = V

(10cm x 2cm) x 1cm = V




($20cm^2$) x 1cm = V

$20cm^3$ = Volume