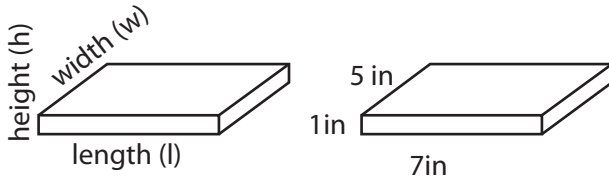


Volume Calculations Introduction # 2

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

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



$$l \times w \times h = \text{Volume (V)}$$

$$(7 \text{ in} \times 5 \text{ in}) \times 1 \text{ in} = \text{Volume (V)}$$

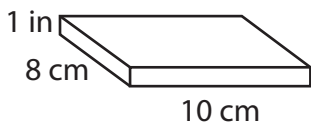
$$(35 \text{ in}^2) \times 1 \text{ in} = \text{Volume (V)}$$

$$35 \text{ in}^3 = \text{Volume (V)}$$

Directions: Calculate the volume of each solid using the equation $l \times w \times h = \text{volume}$.

1.

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = V$$



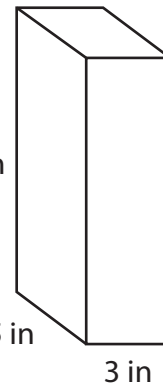
$$(\underline{\quad} \times \underline{\quad}) \times \underline{\quad} = V$$

$$(\underline{\quad}) \times \underline{\quad} = V$$

$$\underline{\quad} = \text{Volume}$$

2.

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = V$$



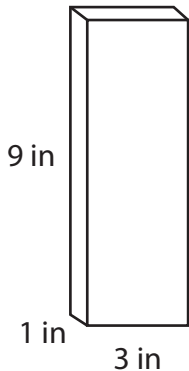
$$(\underline{\quad} \times \underline{\quad}) \times \underline{\quad} = V$$

$$(\underline{\quad}) \times \underline{\quad} = V$$

$$\underline{\quad} = \text{Volume}$$

3.

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = V$$



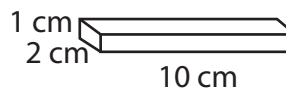
$$(\underline{\quad} \times \underline{\quad}) \times \underline{\quad} = V$$

$$(\underline{\quad}) \times \underline{\quad} = V$$

$$\underline{\quad} = \text{Volume}$$

4.

$$\underline{\quad} \times \underline{\quad} \times \underline{\quad} = V$$



$$(\underline{\quad} \times \underline{\quad}) \times \underline{\quad} = V$$

$$(\underline{\quad}) \times \underline{\quad} = V$$

$$\underline{\quad} = \text{Volume}$$