


Name: _____

Volume

Volume is the amount of 3-dimensional space an object occupies.

You can use the formula: $V = l \times w \times h$ to find the volume of rectangular prisms.

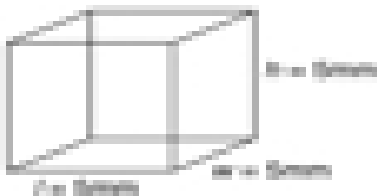
Directions: Look at the 3-dimensional problems below. Calculate the volume of each shape.



$l = 1.5\text{cm}$
 $w = 4\text{cm}$
 $h = 5\text{cm}$

_____ \times _____ \times _____ $=$ _____

The volume of the shape is
_____ cubic cm.



$l = 5\text{mm}$
 $w = 5\text{mm}$
 $h = 5\text{mm}$

_____ \times _____ \times _____ $=$ _____

The volume of the shape is
_____ cubic mm.

Carl's cooler has a length of 2 ft, a width of 4 ft, and a height of 2 ft. Draw and label the cooler, and calculate its volume.

_____ \times _____ \times _____ $=$ _____

The volume of the cooler is
_____ cubic ft.

Susan's new aquarium has a height of 3 ft, a width of 2 ft, and a length of 5 ft. Draw and label the aquarium and calculate its volume.

_____ \times _____ \times _____ $=$ _____

The volume of the aquarium is
_____ cubic ft.