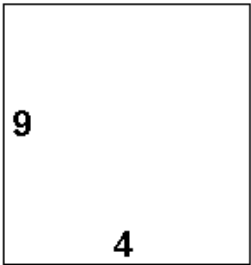


Materials:

$$\text{area} = \text{length} \times \text{width}$$

$$\text{volume} = \text{length} \times \text{width} \times \text{height}$$

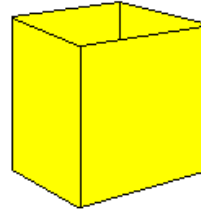
Example of poster board labeled with length and width:



Example of box labeled with length, height, volume, but NOT width:



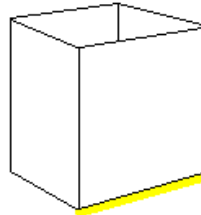
Student Vocabulary Card:



Volume = The space inside a box or three dimensional object.



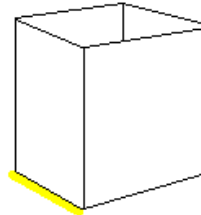
Perimeter = The edge along the outside of the shape.



Length = The longest side.



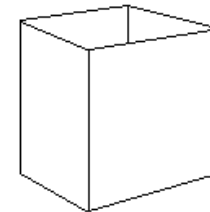
Area = The space inside the perimeter.



Width = The shortest side.



Length = The longest side of the rectangle.



Height = The part that goes up and down.



Width = The shortest side of the rectangle.