

**VOLUME:**

Definition of volume: \_\_\_\_\_  
\_\_\_\_\_

Different methods for figuring out volume:

\_\_\_\_\_

Reason why we use different methods:

\_\_\_\_\_

Units of Measurement: \_\_\_\_\_ = \_\_\_\_\_ = \_\_\_\_\_

Equations for Volume: **AREA** x Height

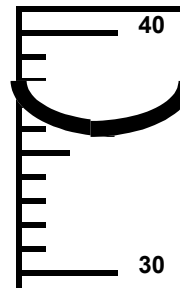
Rectangular Solid = **(length x width)** x height  
Rectangular Prism = **(0.5 x length x width)** x height  
Cylinder = **(3.14 x radius x radius)** x height

GRADUATED CYLINDER ONLY

Water level + object  
-- Water level  
\_\_\_\_\_  
volume of object

**PRECISION:** The large lines are the \_\_\_\_\_ place. The middle lines are the \_\_\_\_\_ place. And the \_\_\_\_\_ is the first \_\_\_\_\_ place.

**DON'T FORGET TO LOOK EYE LEVEL / THE \_\_\_\_\_.**



**DATA/OBSERVATIONS**


Average: \_\_\_\_\_

**RESULTS:**

\_\_\_\_\_  
\_\_\_\_\_

**CONCLUSION:** How does using equations compare against water displacement?

\_\_\_\_\_  
\_\_\_\_\_

Using the data answer yes or no: Does object weight effect volume measurement? \_\_\_\_\_