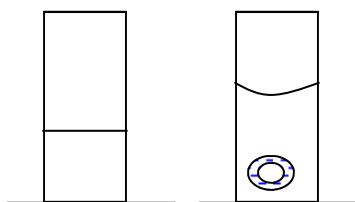


Name \_\_\_\_\_  
Period \_\_\_\_\_

## Density Homework Practice

Compute the Following.  
ALWAYS Round to the nearest Hundreth if Necessary  
Use space at right to remember your cheats and formulas.

### 1. Calculate *Volume* of Object



Initial  
Volume  
7.5 mL

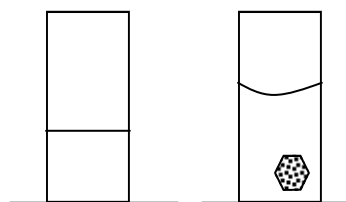
Final  
Volume  
15.8 mL

Volume of Object \_\_\_\_\_

### 2. Calculate *Density* of Object



Mass of object 34g



Initial  
Volume  
35 mL

Final  
Volume  
38 mL

Density of Object \_\_\_\_\_

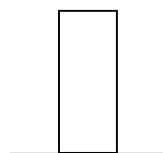
### 3. Calculate the *Mass* of the Toy.

Density of toy:  $1.4 \text{ g/cm}^3$   
Volume of toy:  $12.1 \text{ cm}^3$   
Mass: \_\_\_\_\_

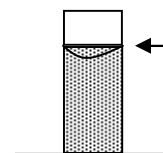


Will it Float in water?  
Why?

### 4. Calculate the *Density* of just the Liquid



Empty  
Cylinder  
Mass 46g



50 mL  
Liquid

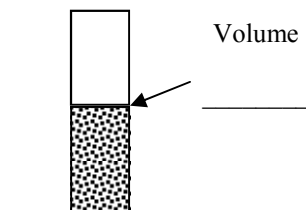
Cylinder with 50mL  
of liquid  
Mass 64g

Density of Just the liquid \_\_\_\_\_

### 5. Calculate the *Volume* of the liquid.

Mass: 11.5g

Density:  $.05 \text{ g/mL}$



6. Explain step by step how you could prove a necklace you had was pure Silver?