DENSITY DAY 2

Grade Homework
Quiz 4
Does the Density Change
Density of Water
Viscosity of Reading

GRADE HOMEWORK

- States of Matter

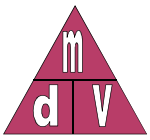
QUIZ 4

DENSITY FORMULA

- The density of an object can be determined by dividing mass by volume

m=mass
grams
v=volume
mL or cm^3
d=density
g/mL or g/cm^3

$$D = \frac{m}{v}$$



D

DOES THE DENSITY CHANGE?

- Each group will find the density of a object given
- Once each group has their density, we will fill up the rest of the chart

I

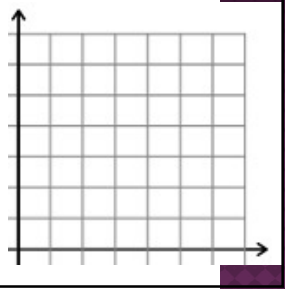
Team	Mass	Volume
J.L.A.	78	29
Thundercats	104	39
F.F.	29	10
G.E.	58	21
Autobots	89	33

HOW TO FIND THE SLOPE OF A LINE

"And, as this graph shows, I'm clearly unhappy about the previous graph."

GRAPHING YOUR DATA

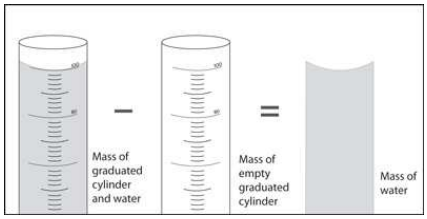
- Name your graph
- Label the X and Y axes
- Plot the points on the graph
- Find the slope of the graph



DENSITY OF WATER

In your group, find the density of water.

Mass Volume Density



J

VISCOSITY READING

- Read in your textbooks and write the answers on your own paper.
  1. Define Viscosity
  2. Use at least 4 sentences to tell me why viscosity matters
  3. How does temperature effect viscosiy?
  4. As a liquid gets warmer, its viscosity increase (true/false and explain your answer.
  5. Draw figure 17.19 on page 302 and explain it.

HOMEWORK

- Complete the table on the top right of the worksheet
- Complete the bottom of the worksheet

- Next Class
  - Density Lab Day
  - Very Important Day, DO NOT MISS!!!