

Happy Monday!

**GRAB a LAB BOOK – write your name on all three sides !!!**

HOMEWORK 9/16/2013

+ View Density PPT and fill-in Density NOTES... if not complete

+ Define Vocab. For Lab P-1 Density and P-3 Graph Analysis

### Density PPT Questions:

**Do Now.. answer these quick questions, use your Density notes if you need to.. 😊**

1. Density is the ratio of a substance's :
2. Density is expressed in units of:
  - a. Solid -
  - b. Liquid -
3. List the three phases of matter:
4. Most materials are densest in which phase? Except what substance?
5. List two methods for determining the Volume of a solid:
  - 1)
  - 2)
    - a. Volume of a liquid?

6. List two factors that can affect density and list the type of relationship, direct or indirect..

1)

2)

7. Does the shape of an object affect its density?  
(for example : a square piece of glass vs. a round piece of glass)

8. Water is densest at what temperature (ESRT)?

**9. Why are water molecules attracted to one another?**

**What does this do to density?**

**10. Why is solid water less dense than liquid water ?**