

Measurement 3
Volume and Density

Directions: Remember to write answers on your own paper. Answer the following questions, and then make a chart similar to the one below. Use the correct procedure for heading your paper

1. Define: calibration.
2. What is the formula for calculating volume?
3. What units do we record for volume?
4. How do you calculate the volume of an irregular shaped object?
5. What measurement instrument do we use to find liquid volume?
6. In what units do we record liquid volume?
7. What is the meniscus?
8. How does the meniscus affect reading the correct volume?
9. What is the formula for calculating density?
10. What are the units we use for density?

For the following problems, use one of the two methods above for finding the volume. After all data is recorded for mass and volume, and then calculate the density. Be sure to include the units used for the mass, volume and density.

	Object	Mass	Volume	Density
1	Crayon			
2	Glue Stick			
3	Petri Dish			
4	Paper Clip			
5	Meter Stick			
6	Lab Sheet			
7	Cork			
8	Planner			
9	Marble			
10	Rock			
11	Glass Slide			
12	Popsicle Stick			

	Object	Mass	Volume	Density
13	Water in Container A			
14	Water in Container B			
15	Water in Container C			