Experiment 12: Archimedes' Principle

Student Name: _____

Section Number: _____

PRELAB

PRE-LAB Instructions:

Print out this page. Feel free to refer to the lab Instructions and other materials, your physics textbook, other students, etc. to help you to ponder, understand, and work out answers to the following question(s). Show your work & answers in the space(s) provided.

PRE-LAB Questions

1) How will you measure the volume of the solid objects in this experiment?

2) Explain how the hydrometer measures a liquid's density.
How else could you determine the density of a fluid?

3) If during the submerged weighing procedure air bubbles were to adhere to the object, how would the experimental results be affected?