

**Density Calculations Through Indirect Measurement Lab****Name:****Date:****Purpose:** To determine the density of various objects using indirect measurement.**Materials:**  
-triple beam balance  
-various objects  
-graduated cylinder  
-ruler**Procedure:** As discussed in class**Observations:**

Substance	Mass (g)	Volume (mL)	Density (g/mL)
Bolt			
Plastic Spoon			
Rock			
Dice			
Block			
Small Stopper			

**Conclusion:**

1. Explain what two pieces of information you require in order to calculate density.
2. List in order the substances from the greatest to least density.
3. Construct a bar graph to illustrate the densities. The vertical axis will be the density and the horizontal axis will be the substance.