Regular Solids

Object	Mass (g)	Volume (cm^3)	Density (g/cm^3)
Pink Block			
Yellow Block			
Blue Block			
Red Block			
Green Block			
Brown Block			
Black Block			

Irregular Solids

Object	Mass (g)	Volume (cm^3) by Displacement	Density (g/cm^3)	Volume (cm^3) by Overflow	Density (g/cm^3)
Small Animal					
Large Animal					
Rock					
Eraser					
Sponge					
Clothespin					
Plastic Paper Spool					

Finding the Density of Solid Objects

Use complete sentences to answer the following questions.

1. What do you notice about the densities of the plastic blocks? What is one possible reason for this?

2. What do you notice about the densities of the animals? What is one possible reason for this?

3. You used 3 methods to find volume. Complete the table below.

Method to Find Volume	Advantages	Disadvantages
L x W x H		
Displacement		
Overflow		

4. What are some factors that affect the measurements for the volume of the sponge and the eraser? Why do they have an effect?

5. Are the displacement and overflow methods accurate ways to find the volume of objects that float? Why?

6. Compare the volumes of the objects that you measured with both displacement and overflow. What are some reasons for any differences?