

Metric Measurement: Density (Density Lab)

Data Table

Block Number	Mass (g)	Volume (cm ³)	Density (g/cm ³)	Name of Substance
1				
2				
3				
4				
5				
6				
7				
8				
9				

Analysis

1. Compare the volumes of each block. What pattern do you notice?

2. Compare the densities of each block. Do you notice a pattern similar to that of the volumes?

3. Compare the densities of each of the 9 blocks to the densities of the substances in Table 1. Based on this comparison, what substance is each of the 9 blocks made of? List the substance in the correct row of your data table.

4. Graph the density of each block on the graph provided. Use either a bar graph or a line graph.

