

LAB: Finding Density

Background:

Every element has a unique density. Density is a physical property that can be used to identify a substance. It is calculated by dividing the mass of the substance by its volume.

[Link to Density Background](#)

Copy the Data table in your lab notebook.

	Mass g	Volume ml	Density ml/cm ³
Aluminum			
Copper			
Iron			
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Silicon			

Methods

1. Determine the mass of Aluminum, then determine the volume.

Divide the mass by the volume. Show work in your notebook.

2. Do the same for Copper and Silicon and Iron.

Results

	Mass g	Volume ml	Density ml/cm ³
Aluminum			
Copper			
Iron			
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Silicon			