

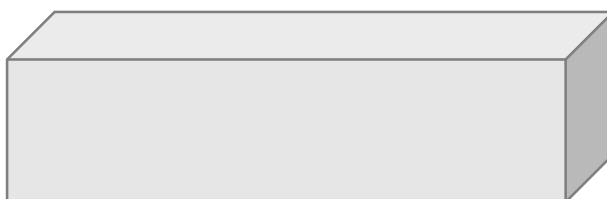
Data Collection, Organization & Calculation Guidelines

When collecting data in lab, it is important that data is organized into a table that is labeled and includes units. Measurements should be written with the correct number of digits as determined by the measuring instrument. When performing calculations, all work must be shown. Work should be neatly written. Final answers should be circled/boxed, be rounded to contain the correct number of digits, and include appropriate units.

Below is an example of student work that would receive full credit.

Example:

What is the volume of the block?



Data:

Side	Distance (cm)
Length	
Width	
Height	

Calculations:

Data Checklist:

- ✓ Columns are labeled with appropriate titles
- ✓ Measurements have the correct number of digits
- ✓ Measurements have appropriate units
- ✓ Just data, no calculations in the data table

Calculations Checklist:

- ✓ All calculations are shown below the data table
- ✓ Formula is written
- ✓ Measurements with units are substituted into the formula
- ✓ Answer is recorded with correct units
- ✓ Answer is rounded to correct number of digits
- ✓ Final answer is circled/boxed