

Lab Report Instructions

Ground Rules:

1. Due the week following the lab assignment, at the beginning of your lab section.
2. Must be done on a word processor.
3. Must have a coversheet with lab title, your name, lab partners, lab section (AA or AB), and due date.
4. Follow the following format (you are required to use these headings):
 - i. Introduction: A narrative describing the main purpose of the lab exercise. Describe what is to be learned by doing the lab exercise.
 - ii. Method: Narrative describing what was done in the lab exercise. State what was measured, how it was measured, the units used in measurement, and discuss the math formulae used. These are descriptive explanations. This is your chance to show that you understand what you are doing and why. Include a diagram of your experiment (a simple sketch is fine).
 - iii. Results: This is where you report your findings. Make a table to organize your data, calculations and results. Be sure to include measurement uncertainties and describe where they come from.
 - iv. Conclusions: Short, concise comments on the results and their implications (what do they mean or describe). Do a simple data analysis showing discrepancy, comparison with theory or known values, and quality of agreement.

This is also where you include your answers to the questions given in the lab instructions.

Be sure write out the questions with your answers and to number them appropriately.

Example:

Q.1: *What is the capitol of California?*

A.: Sacramento