

Chemistry I—Format for Lab Reports

Your name
Partner's name

Title of Experiment (from handout)

Purpose:

- tell briefly why the experiment is being conducted (in your own words)

Procedure:

- refer to the lab handout / list any steps that were changed in the course of the experiment

Theory:

- define any relevant terms in a narrative (paragraph) form
- Indicate any mathematical equations used to calculate results
- Not describing any results in this section

Results:

- show your measurements AND calculated results (ALL NUMBERS) in data tables and graphs
- Not a cut and paste from the lab handout
- Not a narrative
- Show all units with any numbers

Calculations:

- Give a title to the calculation
- Give the word equation
- Show work (actual numbers)
- Sample calculation (at least one of EACH TYPE of calculation)

Conclusion:

- Narrative section (paragraph form)
- Sum up the overall result of your experiment
- List the % error and a good explanation of possible sources of error
- Sources of error within reason
- Things that went wrong in the lab / WHY???? / Be specific
- Answer any additional questions from manual / handout
- Keep answers based on facts

