

Checklist for Lab 5

Your **Analysis section** should:

- Briefly describe the data
- Include unlinearized graphs of the raw data
- Include linearized graphs of data, if appropriate
- Refer to the graphs in the text
- Explain how you calculated the slope and intercept of any linear graphs
- Show the calculation of any quantities derived from slope or intercept
- Show calculations of all uncertainties
- Discuss consistency with any theoretical predictions
- Discuss the results and their implications

Your **graphs** should have:

- Axes scaled so that the data is shown in as much detail as possible
- Descriptive labels on the axes, including units
- Data points that are clearly plotted, including uncertainty bars
- An appropriate title and a figure number if it is in a report

Your **writing** should:

- Use correct spelling, punctuation, and grammar
- Use complete sentences, especially when including equations
- Be clear, vivid, and concise
- Be typeset so that the report is legible and easy to read

Collaboration in the writing of the lab report is not acceptable. Reports that have identical or near identical sections will be considered copies and will receive grades of zero.