Lab ?: Title

Group member list

1. Purpose of the Experiment:

Describe the goal/purpose of the experiment.

1. Pre-lab questions:

Answer your pre-lab questions here

1. Experiment Setup:

Describe the experimental setup here and tie it to the purpose of the experiment.

1. Results (with Raw data):

Include the raw data you collected with appropriate format.

1. Analysis:

Put your analysis here, how to transform raw data to meaningful numbers.

1. Discussion:

Discuss the data you collected and how they lead to the conclusion and goal/purpose of the experiment. Discuss tasks here and some experiments test equations or concepts. You can do the discussion through self-asking questions. If an equation is tested use the fit equation that describes your set of data to find quantitative numbers that describe your result, for example R values and equation from linear regression.

1. Conclusion:

Summarize your conclusion here. Express your conclusion in terms of experimental average plus/minus experimental error compared to reference values if the experiment allows to extract such numbers. Or express your results in certain scientific statements. For examples, if a concept is tested (for example: Ohm’s Law or Magnetic Induction) you need to summarize your main results in words.

1. Author Contributions:

Describe contributions of each team member.