

MATHMERRIMENT REPORT

Name:

Date:

Partners:

Class:

PRE-LAB

Title: Give the title of the lab as it is given in your book or handout. If it is a lab that you designed, give a clear, descriptive title that allows the reader to know what it is that you are investigating.

Purpose: This is a general overview of what you are attempting to find out during the lab and the specific goals/objectives of the investigation. (5%)

Hypothesis: What do you think will happen? (10%)

Materials: What pieces of equipment will you need? (5%)

Procedure: Describe the specific sequence of steps that you will be following and the major equipment that will be used in the lab. Your procedure should be written as a series of short, numbered sentences, each describing a specific step in the experiment. This set of directions should be easily followed by anyone reading the lab. (10%)

LAB & POST-LAB

Results: Record all data collected and observations made during the lab. Data should be clearly labeled and presented in tables when possible. Sketches and hand-drawn diagrams should be neat and clearly labeled. (10%)

Calculations: Describe the technique/formula used. If possible, give the equation and do a sample calculation. (15%)

Questions: Answer any questions within or following the lab in full sentences. (25%)

Conclusion: Address each of the following areas in its own paragraph. (20%)

1. Explain your **Results & Calculations** in terms of the **Purpose** of the lab. Did our work achieve our goal? Was the **Purpose** met? Was our **Hypothesis** correct? If not, why not?
2. Include possible sources of error. How much could this source of error alter our result? What steps can we take to account for it?
3. What improvements can we make in our approach in the future?