

Lab Report Grading Scheme

5 points	Names Date Title	Your name is first. Your partners' names are next. The date of the experiment must be included. The title should tell the reader what the experiment is about. <i>Italicized points are for neatness of presentation.</i>
		5 4 3 2 1 0
5 points	Purpose	The purpose of the experiment should be clearly stated in a complete sentence or two.
		5 4 3 2 1 0
10 points	Procedure Diagram	This section is a narrative that 1) describes your strategy, 2) the things you measured, and 3) how you measured them. The Procedure section will consist of complete sentences. Write it as you would a story. Do not write it as a recipe. Do not write "Step 1, Step 2, etc." A neat diagram of your experimental setup should be included.
		10 9 8 7 6 5 4 3 2 1 0
10 points	Data	This section will contain a properly labeled data table. This section includes only the measurements you make, not the results of calculations. Tables must have a title, column headings, and units.
		10 9 8 7 6 5 4 3 2 1 0
10 points	Data Analysis	In this section you will use your data in order to fulfill the purpose. For some experiments you will use your data to calculate some quantity. Always show an example of your calculations. For some experiments you will include a graph of your data. The graph will have a title and the axes will have labels with units. Graph paper is required for all graphs in lab reports. If the plot is linear, a line should be drawn. The slope and <i>y</i> -intercept of the line should be reported, including their units. The slope and <i>y</i> -intercept should be interpreted when possible. Other significant findings can be identified.
		10 9 8 7 6 5 4 3 2 1 0
10 points	Conclusion	The conclusion clearly describes what you found out concerning the purpose. Any mathematical relationships are included. The conclusion also evaluates how good your measurements are.
		10 9 8 7 6 5 4 3 2 1 0