Lab Write-up Grading Rubric

Component	Did you…	Score
Table of contents	€ number the front bottom corner of each page in ink? € write the title of the lab with a corresponding page number in the table of contents?	/1
Heading	€ start on the front of a new page? € write the lab title? € write the date on which you collected data? € write the full names of each group member?	/2
Purpose	€ state the purpose of the lab?	/1
Materials	€ list all the equipment needed to complete the lab?	/1
Procedure	€ number your steps? € use your own words (not copy procedure on lab sheet)? € include enough detail for someone else with some physics knowledge to repeat the experiment?	/7
Data	€ finish collecting all the data? € use a ruler to construct straight rows/columns? € round numbers accurately and appropriately? € include correct units on every number (no "naked numbers")?	/8
Analysis	€ write a title above your graph in the form: "y axis" vs. "x axis"? € use a ruler to draw all straight lines? € label the axes (with units)? € scale/number the axes evenly, starting from zero? € plot data points precisely? € include a key if there are multiple data sets? (colors work well) € draw a best-fit line through each data set? € circle and write the coordinates next to two points on each best-fit line (not necessarily data points) to use for a slope calculation? € clearly show each slope calculation? € indicate which slope calculation corresponds to which best-fit line? (colors work well) € include units on your slope value? € write the physical meaning of the slope on the best-fit line? € write an equation for each best-fit line [if necessary]?	/15
Conclusion	€ organize your writing into paragraph form? € write an introductory paragraph that briefly summarizes the lab? € write a thesis statement that captures your discovery in one sentence? € underline your one-sentence thesis statement at the end of the intro? € state key findings? € explain what the graph means? € clearly show % error calculation [if necessary]? € discuss sources of error and ways to reduce error? € address the prompts discussed in class? € write objectively?	/10
Appeal	€ turn in a neat, carefully done lab write-up? € use correct grammar in your writing? € order properly: purpose, materials, procedure, data, graph, concl.	/5
	Score:	/50