Informal Lab Report Evaluation: Title: Name:

	Level 4	Level 3	Level 2	Level 1
Intro [C] Title:		Present and correct.	Present but incomplete	Absent
Date:		Present		Absent
Purpose:		Describes purpose of lab		Does not describe purpose of lab
Main body [I] Hypothesis/Answers to Preliminary questions:	Clearly stated and predicts influence of independent var. on dependent var.	Predicts influence of independent var. on dependent var.	Incompletely predicts influence of independent var. on dependent var.	Missing (unsigned) before lab.
Changes to book procedure:	Discusses changes made and why.	Discusses changes made		Does not discuss changes made.
Observations/Data:	Data is correct and complete (lab performed correctly) % error: < 5% < 7%	Data is complete and mostly correct (lab performed correctly) % error < 10% < 13%	Some data is correct or is incomplete (some errors in lab performance). % error < 15 % < 20%	Data missing or shows lab performed incorrectly. % error > 20%
	Forms tables or graphs that are appropriate, correct, detailed, and easily understood	Forms tables or graphs that are appropriate, correct, and legible	Forms tables or graphs that require minor correction. Best fit inappropriate or slope not calc.	Forms tables or graphs that are inappropriate or requiring major correction. Best fit not used
Calculations:	Complete and accurate.	Complete with few mistakes.	Complete but inaccurate	Incomplete
	Good and complete numerical error analysis.	Numerical analysis is mostly complete.	Numerical analysis method good but analysis incomplete	Numerical analysis method incorrect or missing
Conclusion:	Reaches all or almost all realistic conclusions based on data.	Reaches many realistic conclusions based on data.	Reaches some realistic conclusions but not based on data.	Fails to answer purpose.
Analysis [I]	Demonstrates an excellent understanding of the experiment.	Demonstrates a good understanding of the experiment.	Demonstrates a basic understanding of the experiment. More depth and thought required.	Fails to demonstrate an understanding of the experiment. Lacks thoroughness. Incomplete.
	Hypothesis evaluated clearly and thoughtfully.	Hypothesis evaluated correctly.	Evaluation of hypothesis unclear.	Hypothesis not evaluated.
	Determines all major sources, and where possible degrees of error	Determines many sources and where possible degrees of error	Determines some sources of error	Determines few or inane sources of error
Overall layout: [C]	Presents all info in logical order	Presents most info in logical order	Presents some info in logical order	Presents little info in logical order
Writing: [C]	Interesting and enjoyable style	Report generally well-written.	Questions not rephrased in answers.	Incomplete sentences.
	Spelling, grammar, and S.I. usage are correct in all or almost all cases	Spelling, grammar, and S.I. usage are correct in most cases	Many careless writing errors; proof-read your work. Spelling, grammar, and S.I. usage are correct in some cases	Spelling, grammar, and S.I. usage are correct in few cases Fails to use the past tense.

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