

Student: _____

Experiment: _____

Journal Grading Summary
<p style="text-align: center;"><i>Overall</i></p> <p><input type="checkbox"/> All pages are numbered, on both sides? <input type="checkbox"/> Student's name and contact information are on the cover? <input type="checkbox"/> Pages 1 and 2, at a minimum are reserved for the table of contents? <input type="checkbox"/> Table of contents is complete for all completed labs? <input type="checkbox"/> Journal has no torn-out pages?</p>
<p style="text-align: center;"><i>Preparatory Work</i></p> <p><input type="checkbox"/> Pre-lab answers do not require the lab manual itself to understand the answer? <input type="checkbox"/> Addresses main ideas, not just answers to lab manual questions? <input type="checkbox"/> Main ideas are summarized for easy access (e.g., for the quiz)?</p>
<p style="text-align: center;"><i>Lab Work & Effort</i></p> <p><input type="checkbox"/> Recorded lab partner's name and contact info? <input type="checkbox"/> Recorded all <i>original</i> measurements (<i>before</i> making any calculations)? <input type="checkbox"/> Recorded all necessary quantities? <input type="checkbox"/> Repeated measurements that were obviously incorrect? <input type="checkbox"/> Uses appropriate symbols for each quantity (including equations on plots)?</p>
<p style="text-align: center;"><i>Analysis & Uncertainties</i></p> <p><input type="checkbox"/> Includes derivation of all necessary lab equations from fundamental physical laws? <input type="checkbox"/> Relates results from plots to basic equations? (i.e., understands purpose of each plot) <input type="checkbox"/> Presents algebraic representations of all uncertainties?</p>
<p style="text-align: center;"><i>Clarity & Presentation</i></p> <p><input type="checkbox"/> Errors, although crossed out with a single line, are still legible? <input type="checkbox"/> Summary table includes all relevant quantities? <input type="checkbox"/> Summary includes units and uncertainties? <input type="checkbox"/> Provides sufficient description (procedure) so that someone else could repeat the experiment without the assistance of the lab manual or any other external reference? <input type="checkbox"/> Data, analyses, etc. are not crammed into too small a space or in illogical order? <input type="checkbox"/> All numerical information is labeled? <input type="checkbox"/> Information is presented sequentially (rather than in parallel)? <input type="checkbox"/> Includes complete, clear, labeled drawing of the experiment without extraneous detail?</p>

Comments: