

Student: \_\_\_\_\_

Experiment: \_\_\_\_\_

<b>Journal Grading Summary</b>
<p style="text-align: center;"><b><i>Overall</i></b></p> <p><input type="checkbox"/> The Journal is the correct quad-ruled, hard bound notebook?</p> <p><input type="checkbox"/> All pages are numbered, on both sides?</p> <p><input type="checkbox"/> Student's name and contact information are on the cover?</p> <p><input type="checkbox"/> Pages 1 and 2, at a minimum are reserved for the table of contents?</p> <p><input type="checkbox"/> Table of contents is complete for all completed labs?</p> <p><input type="checkbox"/> Journal has no torn-out pages?</p> <p><input type="checkbox"/> Lab manual is up-to-date in a 3-ring binder?</p>
<p style="text-align: center;"><b><i>Preparatory Work</i></b></p> <p><input type="checkbox"/> Pre-lab answers do not require the lab manual itself to understand the answer?</p> <p><input type="checkbox"/> Addresses main ideas, not just answers to lab manual questions?</p> <p><input type="checkbox"/> Main ideas are summarized for easy access (e.g., for the quiz)?</p>
<p style="text-align: center;"><b><i>Lab Work &amp; Effort</i></b></p> <p><input type="checkbox"/> Recorded lab partner's name and contact info?</p> <p><input type="checkbox"/> Recorded all <i>original</i> measurements (<i>before</i> making any calculations or conversions)?</p> <p><input type="checkbox"/> Recorded all necessary quantities?</p> <p><input type="checkbox"/> Repeated measurements that were obviously incorrect?</p> <p><input type="checkbox"/> Uses appropriate symbols for each quantity (including equations on plots)?</p>
<p style="text-align: center;"><b><i>Excel</i></b></p> <p><input type="checkbox"/> Recorded all <i>original</i> measurements (<i>before</i> making any calculations or conversions)?</p> <p><input type="checkbox"/> Uses only Excel equations for <i>all</i> other cells? (that is, you may never enter any value from a calculator)</p> <p><input type="checkbox"/> Includes labels and units?</p> <p><input type="checkbox"/> Worksheet includes all partners' names and the date that the experiment was performed?</p>
<p style="text-align: center;"><b><i>Analysis &amp; Uncertainties</i></b></p> <p><input type="checkbox"/> Includes derivation of all necessary lab equations from fundamental physical laws?</p> <p><input type="checkbox"/> Relates results from plots to basic equations? (i.e., understands purpose of each plot)</p> <p><input type="checkbox"/> Presents algebraic representations of all uncertainties?</p>
<p style="text-align: center;"><b><i>Clarity &amp; Presentation</i></b></p> <p><input type="checkbox"/> Errors, although crossed out with a single line, are still legible?</p> <p><input type="checkbox"/> Summary table includes all relevant quantities?</p> <p><input type="checkbox"/> Summary includes units and uncertainties?</p> <p><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?</p>

Comments: