

Student: _____

Experiment: _____

Journal Grading Summary
<p style="text-align: center;"><i>Overall</i></p> <ul style="list-style-type: none"><input type="checkbox"/> The Journal is the correct quad-ruled, hard bound notebook?<input type="checkbox"/> All pages are numbered, on both sides? "All" even includes pages that you haven't used!<input type="checkbox"/> Student's name and contact information are on the cover?<input type="checkbox"/> Pages 1 and 2 (Not the inside cover!), 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?<input type="checkbox"/> Lab manual is up-to-date in a 3-ring binder?
<p style="text-align: center;"><i>Preparatory Work</i></p> <ul style="list-style-type: none"><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 style="text-align: center;"><i>Lab Work & Effort</i></p> <ul style="list-style-type: none"><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 or conversions)?<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 style="text-align: center;"><i>Excel</i></p> <ul style="list-style-type: none"><input type="checkbox"/> Recorded all <i>original</i> measurements (<i>before</i> making any calculations or conversions)?<input type="checkbox"/> Uses only Excel equations for <i>all</i> other cells? (that is, you may never enter any value from a calculator)<input type="checkbox"/> Includes labels and units?<input type="checkbox"/> Worksheet includes all partners' names and the date that the experiment was performed?
<p style="text-align: center;"><i>Analysis & Uncertainties</i></p> <ul style="list-style-type: none"><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 style="text-align: center;"><i>Clarity & Presentation</i></p> <ul style="list-style-type: none"><input type="checkbox"/> Mistakes, although crossed out with a single line, are still legible?<input type="checkbox"/> Includes complete, clear, labeled drawing of the experiment without extraneous detail?<input type="checkbox"/> Includes all plots?<input type="checkbox"/> Includes a summary table with 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 an original copy of your abstract?

Comments: