

Experiment _____ Period ____ Group# ____

Partners: _____, _____, _____

<p>Format (2 points)</p>	<p>1. Group names, period, group identification, title 2. Each section clearly labeled, neat & organized</p> <p>comments:</p>	<p>----- -----</p>
<p>Purpose (1 point)</p>	<p>1. Proper statement of purpose</p>	<p>-----</p>
<p>Apparatus & Procedure (3 points)</p>	<p>1. Independent and dependent variables are clearly identified 2. Diagram drawn with all components labeled 3. Clear and brief sequence of steps followed, including an explanation of the control of variables</p> <p>comments:</p>	<p>----- ----- -----</p>
<p>Raw Data (4 points)</p>	<p>1. Measurements organized into a neat table 2. Values are clearly labeled, correct units 3. Significant figures of data 4. Quality/range/ multiple trials (when appropriate)</p>	<p>----- ----- ----- -----</p>
<p>Evaluation of Data (7 points)</p>	<p>1. Table of <u>generated values</u>, labeled with units 2. Graphs: a. variables on appropriate axes (use of units) b. quality of results 3. Interpretation of graphs and data a. brief written statements of relationship b. mathematical model 1. through derivation of equation. 2. correct interpretation of slope and % difference 3. correct units</p> <p>comments:</p>	<p>----- ----- ----- ----- ----- ----- -----</p>
<p>Conclusion (8 points)</p>	<p>Quality of written explanation of relationships . The discussion must include all of the following: 2 points each</p> <p>1 New terms and concepts 2 Meaning of slope / significance of Y-intercept 3. General equation / units 4. Reasonable explanation for divergent results (when % difference is above acceptable limit)</p> <p>comments:</p>	<p>___/___/___ ___/___/___ ___/___/___ ___/___/___</p>