**Individual Analysis for the Rate of Reaction Lab**

**Paragraph 1: Introduction**

* Briefly introduce the question that you were attempting to answer and briefly summarize the procedure.

**Paragraph 2: Conclusion/Analysis**

* **Claim:**  Make a factual claim from the patterns evident in the data.
* **Evidence:**  Cite specific data (use at least 2 data points) as evidence to support your claim.  Always use units with the data.
* **Reasoning:**  Explain how the evidence supports the claim. This is the “because” or also referred to as the why section. You may need to refer back to basic scientific principles for this section. This is an important section in which you explain your data.

**Paragraph 3: Errors**

* Discuss at least **4 possible sources of error** in the lab.  Be specific. “Human error” and “measurement error” are NOT specific. Think of errors made in the design and/or execution of the experiment.
* Discuss whether your data proved or disproved the hypothesis.
* Discuss what you might do differently to improve the experimental outcome.