Lab #: Lab Title

by

Principal Investigator:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Data Analyst:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Researcher:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Lab Report Template

Introduction- by PI

The purpose of this lab is to explore the idea of …. To explore this concept, our group performed a series of experiments to measure …. By the end of the lab, our experimental techniques allowed us to measure … as .

Procedure- by Researcher

In order to achieve our desired result, our group directly measured the following quantities …. We used the equation,

to compute our desired value. And we used the equation,

To compute the uncertainty that arises through the use of equation (1).

Data –by DA

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| --- | --- | --- | --- | --- |
| Placeholder for Sample Data Table | | | | |
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Conclusion- by PI

Based on the graph(s) above, we can see that “Method 1” resulted in and   
“Method 2” resulted in . Based on the overlap between these two measured values we can confidently report Method 1 and Method 2 are equivalent and that (OR Based on the lack of overlap between these two measured values we can confidently report Method 1 and Method 2 are different because…)