**Practice Writing a Lab Report**

*Instructions: Use the lab example provided to complete the Practice Writing a Lab Report activity. Please fill in this lab report with the appropriate information and data.*

**Title:**

Include your name, instructor’s name, and the name of the lab

**Objective(s):**

What is the purpose of the lab?

**Hypothesis:**

What was the hypothesis in the experiment? The hypothesis should make a prediction of the outcome of your experiment and should include an explanation of why you expect that outcome.

**Variables:**

* **Independent Variable:**
* **Dependent Variable:**
* **Controlled Variable:**

**Materials:**

**Procedures:**

The procedures are listed in Practice Writing a Lab Report Activity. You do not need to include them here.

**Data and Observations:**

Include the data for the sample lab here.

**Height of Plant**

|  |  |  |  |
| --- | --- | --- | --- |
| **Days** | **No fertilizer (cm)** | **Chemical**  **Fertilizer (cm)** | **Organic**  **Fertilizer (cm)** |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 6 |  |  |  |
| 7 |  |  |  |
| 8 |  |  |  |
| 9 |  |  |  |
| 10 |  |  |  |

**Conclusion:**

Be sure to answer the following reflection questions as a summary in the conclusion of your lab report:

* Was John’s hypothesis correct or incorrect? Why or why not?
* Using that data in the table which fertilizer worked the best? Explain your answer.
* Which plant did not grow well? Explain your answer.

**Questions:**

1. How would you improve this experiment?
2. As a real-world application, how can this experiment be beneficial?