

Chemistry Lab Report Worksheet

Name:

Date:

1. Lab Report Title

2. Background Information

Write a short paragraph or bulleted list of relevant theory your reader needs to understand the experiment.

3. Statement of Purpose or Hypothesis

What question are you trying to answer in performing this experiment (purpose)? What do you expect to happen (hypothesis)? The hypothesis should be written as an "if...then...because" statement.

Identification of Variables

Independent Variable (the one factor that changes)

Dependent Variable (the factor that is measured)

Constants (list at least 3 factors that will be kept constant throughout the experiment)

- 1.
- 2.
- 3.

4. Materials

List all materials used in the experiment.

5. Methods

Describe the experiment step-by-step in a numbered list. Use your own words and be detailed enough that another person could duplicate the experiment from reading your methods. Write in past tense since you have already performed the experiment.

6. Data

What were the results of the experiment? Include qualitative and quantitative data. Copy and paste charts, graphs, and tables from Labster into the worksheet.

7. Analysis

Briefly discuss the significance of your results (what does the data mean?).

8. Conclusion	
a. Briefly restate the purpose of the experiment and key findings in the results.	
b. Was your hypothesis supported or rejected? Explain.	Circle: Supported or Rejected Explanation:
c. List at least two hypothetical sources of error had this experiment been performed in the "real world."	1. 2.
d. Suggest at least two topics for future study.	1. 2.

Labster Simulation Total Score
_____ points / _____ total points