

Lab 2A: Making Observations

Name:

Date:

Block:

For Students:	For Teacher:
Lab performed:	Pre-lab completion: <input type="checkbox"/> Yes <input type="checkbox"/> No
Lab due:	Lab Submitted: <input type="checkbox"/> On Time <input type="checkbox"/> Late

Introduction & Objectives

A qualitative observation is:

A quantitative observation is:

Objectives:

- 1.
- 2.

Answer the following questions:

1. What are some examples of qualitative observations that you could make during this lab? Provide at least 2 specific examples

2. What are some examples of quantitative observations that you could make during this lab? Provide at least 2 specific examples

Procedure & Observations

Part I: Zinc Metal with Water Procedure

Table I: Zinc Metal with Water

	Qualitative Observations	Quantitative Observations
Before		
During		
After		

Part II: Calcium Metal with Water Procedure

Table II: Calcium Metal with Water

	Qualitative Observations	Quantitative Observations
Before		
During		
After		

Part III: Aluminum metal with Copper (II) chloride Procedure

Table III: Aluminum metal with Copper (II) chloride

	Qualitative Observations	Quantitative Observations
Before		
During		
After		

Analysis of Results

Answer the following in full sentences

1. In which of the tests did you observe a colour change?

 2. a. In which of the tests did you observe the formation of a gas?

 - b. What observations allowed you to conclude that a gas was produced?
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-
3. In which test(s) did you observe no change taking place?

Conclusion

State the results of Objectives 1 and 2

- 1.

- 2.