

# Lab 2A: Making Observations

Name:

Date:

Block:

## Objectives

- ✓ To make observations while watching materials interact and undergo change
- ✓ To record and classify these observations as qualitative or quantitative

## Pre-Lab

1. Define qualitative.
2. Define quantitative.
3. What equipment will you be using in part I?
4. What qualitative observations could you make in part I? List at least 2.
5. What quantitative observations could you make in part I? List at least 2.
6. What equipment will you be using in part II?
7. How will you dispose of your materials?

## Experimental Results

**Table 1: Zinc Metal in Water**

Qualitative Observations	Quantitative Observations

**Table 2: Calcium Metal in Water**

Qualitative Observations	Quantitative Observations

**Table 3: Aluminum Foil in Copper (II) Chloride Solution**

Qualitative Observations	Quantitative Observations

## Experimental Results

*Attach to this worksheet:*

- Analysis Questions #1-3
- Follow Up Questions #1-2
- Conclusion: Did you meet the objectives of this experiment? Why or why not?