2.13 Copper and Sulfur

Purpose: The purpose of this experiment is to determine if the mass of a closed system changes after a chemical reaction takes place.

Hypothesis: When the copper and sulfur react in the closed system the mass will _____ because_____.

Materials:

- Ring stand
- Test tube clamp
- Test tube
- 1 g sulfur
- 2 g copper
- balloon
- electronic balance
- burners
- lighter
- scoopula
- burner stand
- goggles

Procedure:
Here you will write a numeric procedure for what you will do in the lab. Remember it should read in such a way that you could hand it to someone not in our class and they could recreate what you did in the lab.

Data:
Data table for your data
Data table with class data

Histogram

Observations: At least 3 observations of what occurred in the lab.

Research Questions:
Two bullet points on page 38 AND 21 and 22

Conclusion:
At least 3 paragraphs, following what is written in how to write a lab report. Be sure to include a restatement of your purpose, how you accomplished the experiment, if your hypothesis was correct or incorrect, what you learned during the experiment, why you got the results you got, and what sources of error could have occurred.