

Copper Sulfide Pre-Lab

1. What are the potential hazards associated with today's lab?
2. Why must your work be carried out in a fume hood?
3. If you weighed out 1.502g of copper and had sulfur in excess, what would the y be in the formula Cu_yS ?
4. Why should you use the same balance throughout lab? Do not move the balance or force the doors.
5. After the copper has been completely reacted, why do we heat the crucible and lid?
6. Write an equation for sulfur reacting with air.
7. Why is it important not to handle the crucible with your fingers throughout lab?
8. What are the possible charges on copper?

Pre-Lab Notebook Preparation:

Fill out all of the header information you will need. (don't forget to do this for every page you write on in your lab notebook.)

Write out a brief statement of purpose

Make a list of any key words from the lab manual that will help with theory