Reporting Sheet: Copper Cycle   Name _____

1) (0 pts) What was your mass of copper used in RXN 1? _____ grams.

2) (4 pts) Based on your mass of copper solid used in RXN 1, how many grams of the copper nitrate should have been formed? **SHOW YOUR WORK.**

4) (4 pts) Based on your mass of copper used in RXN 1, how many grams of the copper hydroxide should have been formed in RXN2? **SHOW YOUR WORK.**

5) (4 pts) Based on your mass of copper used in RXN 1, how many grams of the zinc metal should have used in RXN 5? **SHOW YOUR WORK.**

6) (2 pts) In most cases these two masses will not be exactly the same; what is the % difference?

$$\% \text{ difference} = \frac{\left|initial\ mass - final\ mass\right|}{initial\ mass} * 100 = \frac{\left|\underline{\quad\quad} - \underline{\quad\quad}\right|}{\underline{\quad\quad}} * 100 =$$

GRADING (Cupper cycle)
- Notebook Preparation (3 pts)
   - lab activity entered into Table of Contents (0 pts)............................. _____ pts
   - header information on ALL pages (1 pts).. _____ pts
   - Purpose in notebook (2 pts) .... _____ pts

- Prelab Activity (15 pts)
   - Complete RXN 1 (3 pts each).. _____ pts
   - Complete RXN 2 (3 pts each).. _____ pts
   - Complete RXN 3 (3 pts each).. _____ pts
   - Complete RXN 4 (3 pts each).. _____ pts
   - Complete RXN 5 (3 pts each).. _____ pts

- Data collection/observations (12 pts)
   - initial copper mass in notebook (2 pt)... _____ pts
   - observations from RXN 1 in notebook (2 pt) .... _____ pts
   - observations from RXN 2 in notebook (2 pt) .... _____ pts
   - observations from RXN 3 in notebook (2 pt) .... _____ pts
   - observations from RXN 4 in notebook (2 pt) .... _____ pts
   - observations from RXN 5 in notebook (2 pt) .... _____ pts

- Reporting Sheet (10 pts)
   - Questions 1-5 (8 pts).. _____pts
   - % difference (2 pts) .... _____pts

Total point (40 pts) .... _____ pts