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 product 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?

$$\%\ \text{difference} = \frac{|\textit{initial mass} - \textit{final mass}|}{\textit{initial mass}} * 100 = \frac{|\_\_\_\_\_ - \_\_\_\_\_|}{\_\_\_\_\_} * 100 =$$

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