

LESSON

7

LAB

Now You See It The Copper Cycle

Name _____

Date _____ Period _____

Purpose

To find out what happens when you perform a series of reactions starting with copper metal.

Observations

Complete the table as you follow the procedure on the handout.

What you did	What you observed
1. Started with copper, $\text{Cu}(s)$.	
2. Added nitric acid, $\text{HNO}_3(aq)$.	
3. Added water, $\text{H}_2\text{O}(l)$.	
4. Added sodium hydroxide, $\text{NaOH}(aq)$.	
5. Heated the mixture.	
6. Filtered the solid and added sulfuric acid, $\text{H}_2\text{SO}_4(aq)$, to it.	
7. Added zinc, $\text{Zn}(s)$.	
8. Poured off liquid and rinsed.	