

Name	

## Writing with Electricity Worksheet

## Questions

	suggest about the flow of electrons?
2.	What color writing was produced when the copper "pen" was attached to the positive end of the battery? Write a chemical equation for the oxidation reaction responsible for this color.

1. The battery acts as an "electron pump" in this demonstration. What do the positive and negative signs on the battery

3. What color writing was observed when the copper wire was attached to the negative end of the battery? Write a chemical equation for the reduction reaction responsible for this color.

4. Why does the pink color fade after a short time? *Hint*: Think of what the pink color means and what else could be around the demonstration that may influence the results.