

## **Electrolysis Reactions**

## Data Table

Electrolyte (Salt Solution)	Observations	
	Anode	Cathode
Silver Nitrate		
Zinc Nitrate		
Copper(II) Sulfate		

## Post-Lab Questions

- 1. Review your observations for the electrolysis of the silver nitrate solution.
- *a*. What product was formed at the anode in the electrolysis of silver nitrate solution? Explain, citing specific evidence from your observations.

*b*. What product was formed at the cathode in the electrolysis of silver nitrate solution? Explain based on your observations.

- 2. Using Question #1 as a guide: Identify the products that were formed at the anode and the cathode in the electrolysis of zinc nitrate solution, giving the specific evidence for their formation.
- 3. Using Question #1 as a guide: Identify the products that were formed at the anode and the cathode in the electrolysis of copper(II) sulfate solution, giving the specific evidence for their formation.

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