## **Lab: Electrolytic Cells**

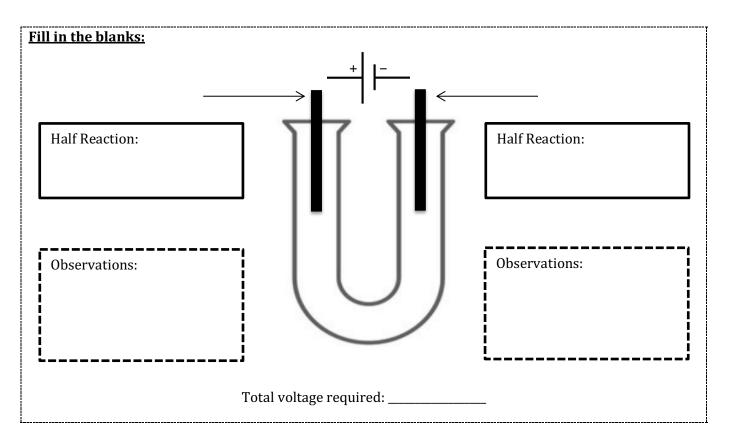
Name:

**Block:** 

For Students:	For Teacher:		
Lab performed:	Pre-lab completion:	Yes	No
Lab due:	Lab Submitted:	On Time	Late

## **Introduction:**

In electrolytic cells, \_\_\_\_\_\_ produces a \_\_\_\_\_\_.



## **Objectives:**

- 1.
- 2.
- 3.

Part I: Electrolysis of 1.0M Zi		
<u>Electrode</u>	<u>Observations</u>	<u>Half-Reactions</u>
Anode		
Cathode		
Overall Reaction:		
Overall Voltage:		

**Procedure:** 

<b>Procedure:</b>			
Part II: Copper Plating			
Data & Observations:			
Data & Observations:	atad:		
Mass (g) of object to be pla		D. C.	
Mass (g) of object to be plane	After:		
Mass (g) of object to be pla		Difference: Half-Reactions	
Mass (g) of object to be place.  Before:	After:		
Mass (g) of object to be plane	After:		
Mass (g) of object to be place.  Before:	After:		
Mass (g) of object to be place.  Before:	After:		
Mass (g) of object to be placed by the second by the secon	After:		
Mass (g) of object to be place.  Before:  Electrode  Anode  Cathode	After:		
Mass (g) of object to be placed by the second by the secon	After:		
Mass (g) of object to be place.  Before:  Electrode  Anode  Cathode  Overall Reaction:	After:		
Mass (g) of object to be place.  Before:  Electrode  Anode  Cathode	After:		

Follow Up Questions:  Draw and label the electrolytic cells for Part I and Part I	Ι
Part I:	
Death II	
Part II:	