

Pre-Lab Questions

Electrochemical and Electroplating

Answer the following questions to prepare for the concepts that are covered in this lab.

1. Does reduction occur at the cathode or anode?
2. Which way do electrons flow through the battery (toward the anode or cathode)?
3. Elemental aluminum can be prepared by the electrolysis of molten aluminum chloride. If 1.5 A are supplied for 2,500 s, how many grams of elemental aluminum are produced? (Begin by writing the half-reaction that produces elemental aluminum.)