DCI on Electrolysis

1. Describe the change in amount of metal on each electrode. How are these changes related?

2. What flows from the + electrode in the external circuit via the wire?

3. What causes the direction of the flow?

4. What flows from the + electrode in the solution?

5. What is the mechanism that transfers the amount of metal from one electrode to the other?

6. Describe the action that causes the metal ions to plate on to the – electrode. Write a chemical equation that summarizes your explanation.

7. Describe the action that causes the metal ions to plate on to the + electrode. Write a chemical equation that summarizes your explanation.