

Name: _____
Blk: _____ Date: _____

Chemistry 12
Electrochemistry Lesson #8
THE ELECTROCHEMICAL CELL!!!

READ in HEBDEN pgs 215 - 217 THEN ANSWER THE FOLLOWING QUESTIONS:

1. **Draw** a sample ELECTROCHEMICAL CELL in the space below, label each part with the letters used in question 2.

2. **Define** or give the function of the following terms:

a. Electrode:

b. Anode:

c. Cathode:

d. Electrolytic Solutions:

e. Salt Bridge:

f. Wire:

g. Voltmeter:

3. a. At the ANODE _____ occurs.

b. At the CATHODE _____ occurs.

4. What is the overall rule for the movement of:

a. Cat ions in an electrochemical cell

b. Anions in an electrochemical cell

c. electrons in an electrochemical cell

5. In general, which electrode will **increase in mass** and which will **decrease in mass**? Use equations to support your answer.

Seat work/Homework: Ex # 34 + 35 on pg 217 in the space below

PLO's: U1- U5

PLO's U1 - U5