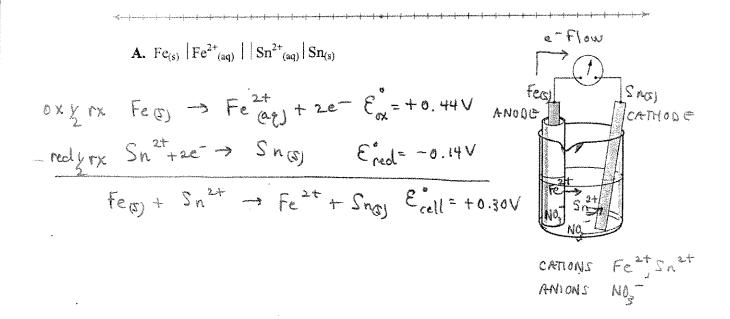


Electrochemical Cells

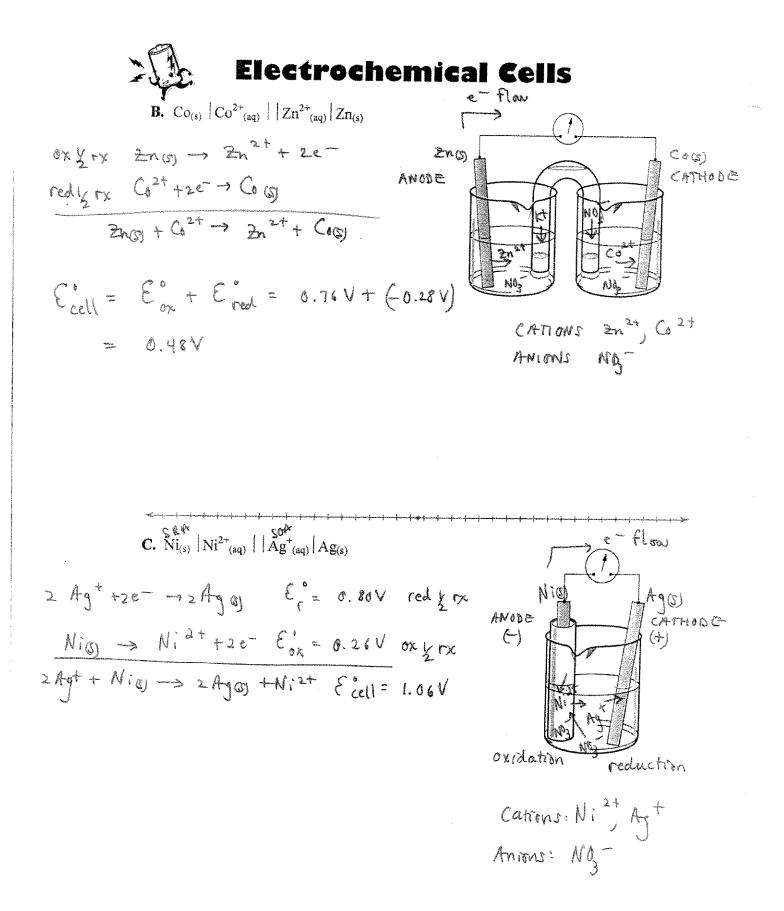
For the following questions, perform the following:

- 1. Label the anode and cathode.
- 2. Show the direction of electron flow.
- 3. Label the direction of ion movement and the electrolytes as cations and anions.
- 4. Write the balanced oxidation and reduction half-cell reactions.
- 5. Calculate the standard cell potential (E°_{cell}) from the standard oxidation (E°_{ox}) and reduction (E°_{r}) values that would appear on the voltmeter.
- 6. Record the balanced net ionic equation.



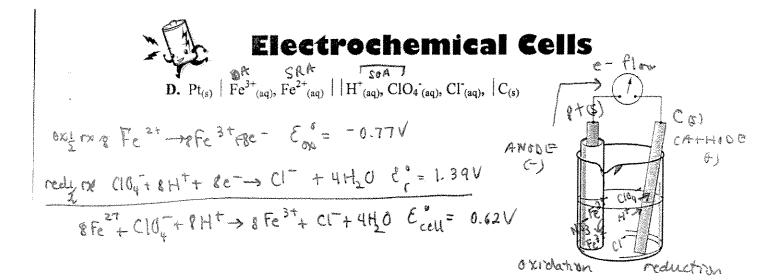
Lesson 15

Redox

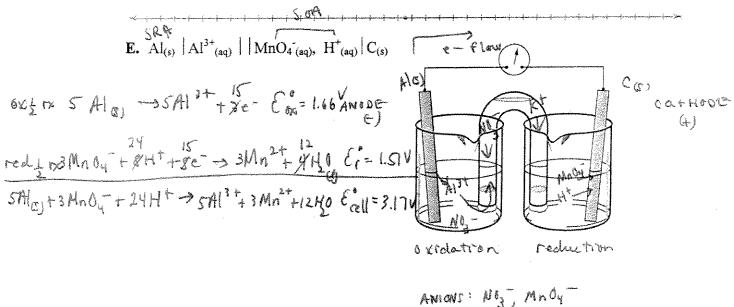


Lesson 15

Redox



CATIONS + Fe2+ Fe3+, H+ ANIONS: NJ, CT, Clay



CATIONS: AI3+, K+, H+

Lesson 15

3

Redox



Electrochemical Cells

