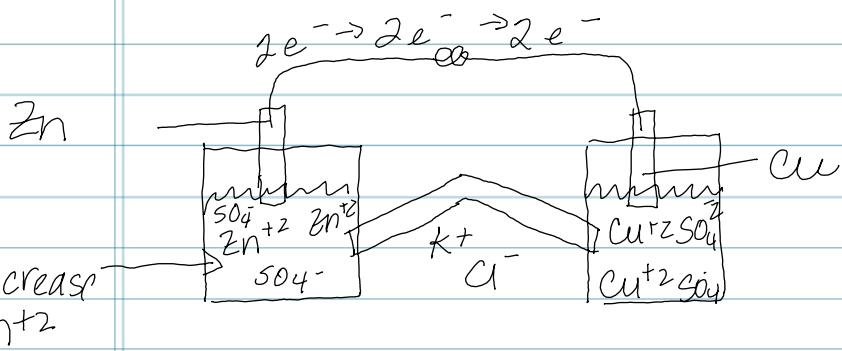


# Electrochemistry and Galvanic Cell

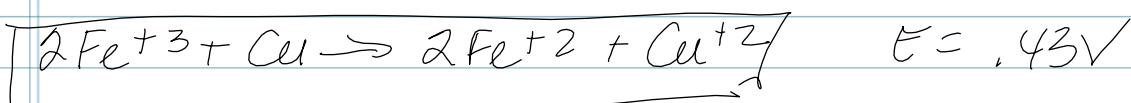
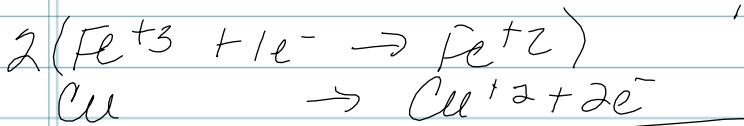
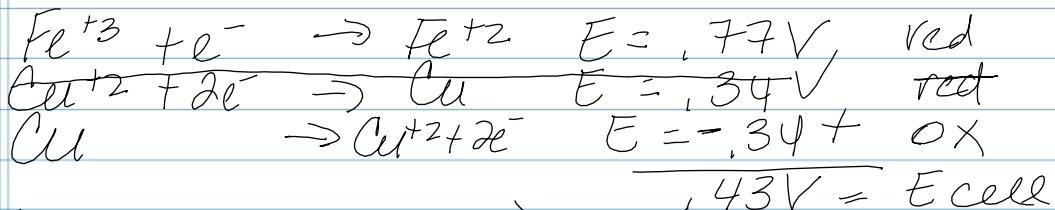
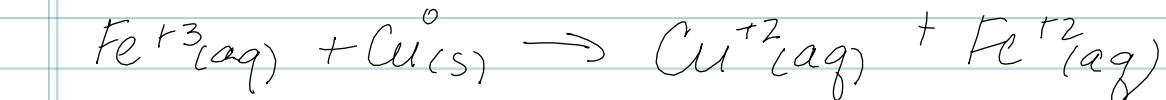
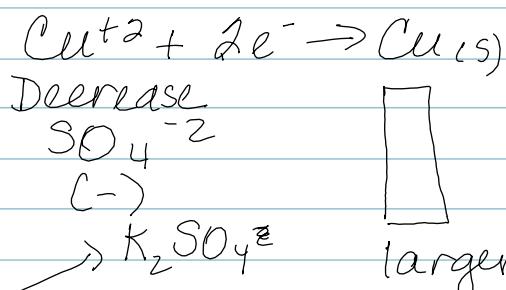
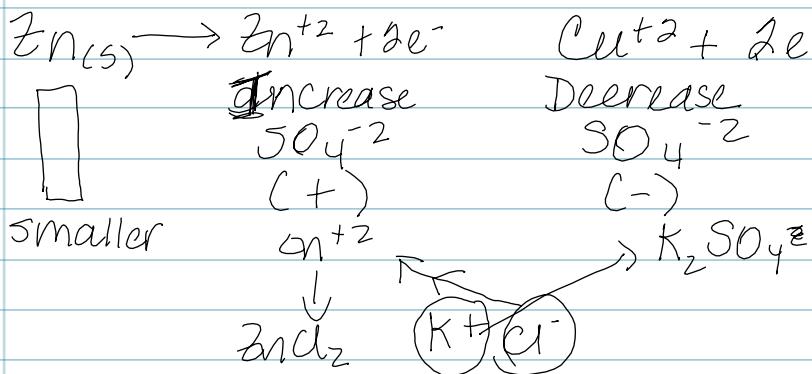
## Voltaic

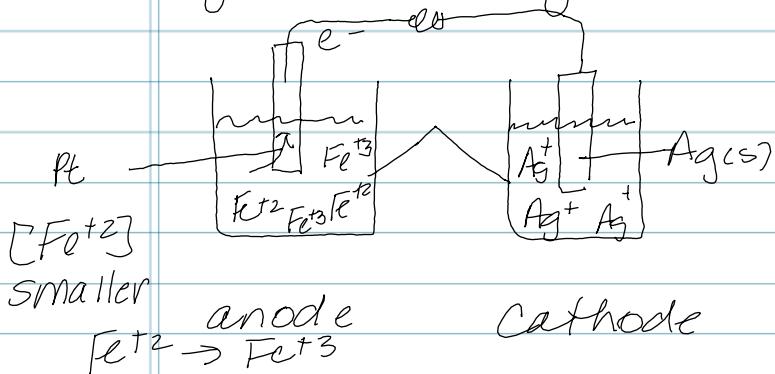
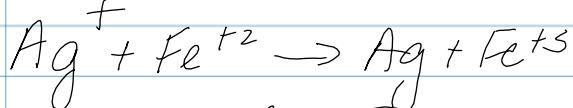
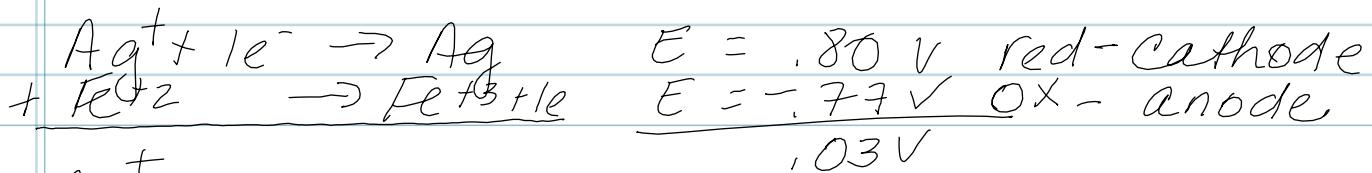
Spontaneously works



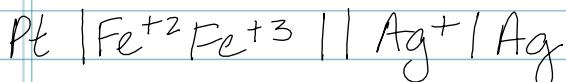
Anode  
oxidation

## Cathode reduction





Ag electrode bigger



# Cell Potential

$$W = \text{Force} \times \text{distance}$$

electromotive force  electrodes

high // low  
P.E.

$$V = \frac{Joule}{Coulomb} = \frac{Work}{Charge}$$

