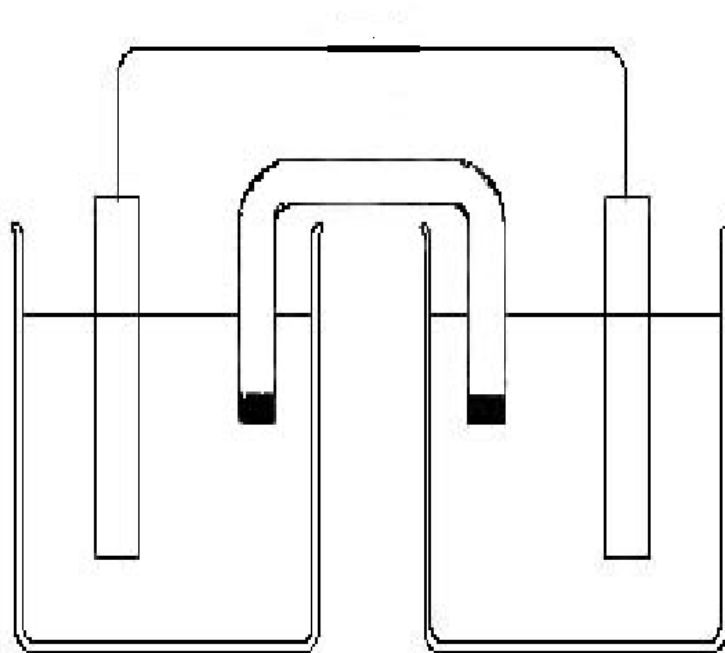


Galvanic Cell Worksheet

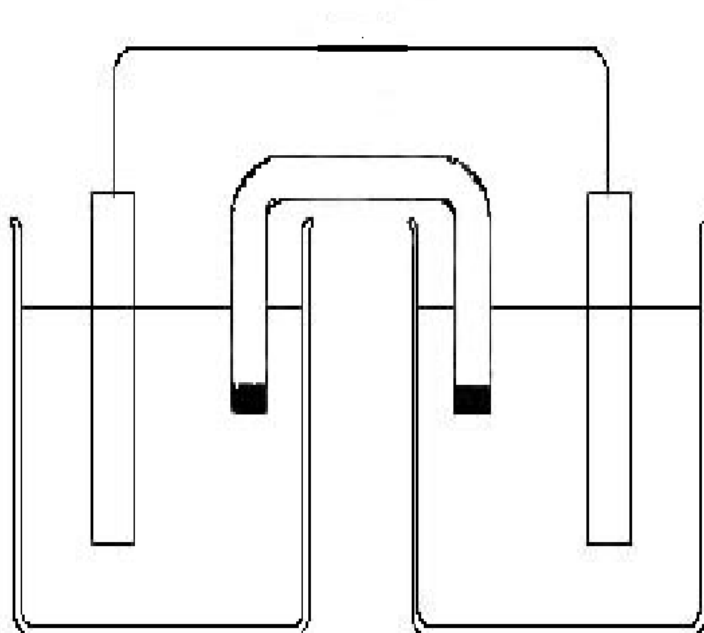
For each of the following:

- Sketch the galvanic cell
- Determine the overall redox reaction
- Determine the overall cell potential
- Write the standard notation for the cell

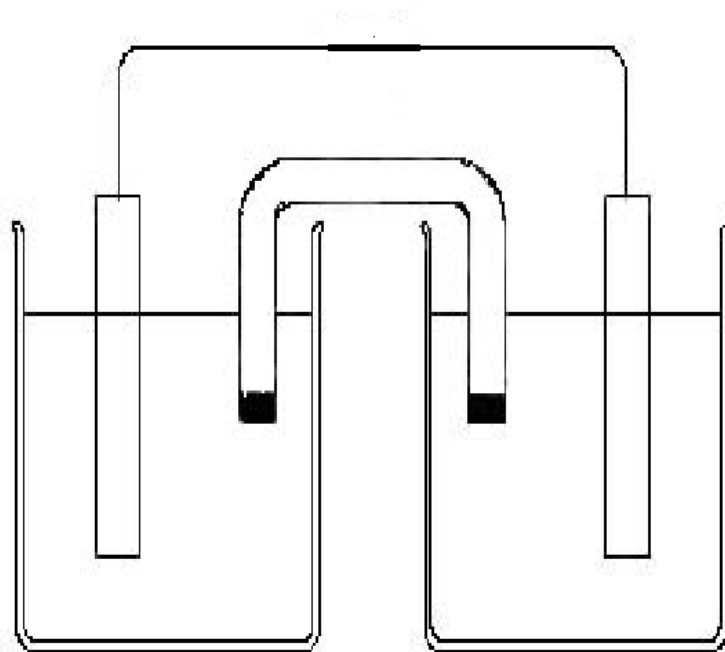
(a) $\text{Sn}_{(s)}$ in a $\text{SnCl}_{2(aq)} \text{ sol}^n$ and $\text{Cr}_{(s)}$ in a $\text{CrCl}_{2(aq)} \text{ sol}^n$



(b) $\text{Pt}_{(s)} \mid \text{OH}^{-}_{(aq)}, \text{O}_{2(g)} \parallel \text{H}_{2(g)}, \text{OH}^{-}_{(aq)} \mid \text{Pt}_{(s)}$



(c) nickel - zinc cell



(d) iron (III) - hydrogen cell

