

Directions: For each cell Switch below: V Voltmeter • Label · Anode and cathode · Direction and region of Ni(s) Co(s) electron flow • Write · Reduction half reaction below the correct half cell Ni+2(aq) Co+3(aq) · Oxidation half reaction below the correct half cell • Overall reaction

2

Directions: For each cell Switch < below: Voltmeter • Label • Anode and cathode · Direction and region of Cu(s) Zn(s) electron flow • Write · Reduction half reaction below the correct half cell Cu+2(aq) Zn+2(aq) · Oxidation half reaction below the correct half cell · Overall reaction

Directions: For each cell Switch below: Voltmeter • Label · Anode and cathode · Direction and region of Pb(s) Cu(s) electron flow • Write · Reduction half reaction below the correct half cell Pb+2(aq) Cu+3(aq) · Oxidation half reaction below the correct half cell • Overall reaction

1

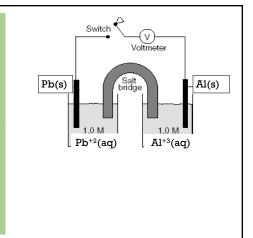
## **Directions**: For each cell below:

## • Label

- Anode and cathode
- Direction and region of electron flow

## • Write

- Reduction half reaction below the correct half cell
- Oxidation half reaction below the correct half cell
- Overall reaction



5