

# BANDING BEZA COMPARE & CONTRAST

Sel Kimia & Sel Elektrolisis  
*Chemical Cell & Electrolytic Cell*

Pengoksidaan berlaku di anod dan penurunan di katod  
*Oxidation occurs at the anode while reduction at the cathode*

Anion bergerak ke anod dan kation ke katod  
*Anion moves to the anode while cation to the cathode*

Pergerakan elektron dari anod ke katod melalui wayar penyambung  
*Movement of electron from anode to cathode through connecting wires*

## PERBEZAAN / DIFFERENCES

### Sel Kimia / Chemical Cell

Tenaga kimia bertukar kepada tenaga elektrik  
*Chemical energy changed into electrical energy*

Terminal positif: katod; Terminal negatif: anod  
*Positive terminal: cathode; Negative terminal: anode*

Logam yang lebih elektropositif membebaskan elektron di anod  
*More electropositive metal releases electron at the anode*

Pengaliran elektron: dari elektrod negatif ke elektrod positif  
*Flow of electron: from negative to positive electrodes*

### Sel Elektrolisis / Electrolytic Cell

Tenaga elektrik bertukar kepada tenaga kimia  
*Electrical energy changed into chemical energy*

Terminal positif: anod; Terminal negatif: katod  
*Positive terminal: anode; Negative terminal: cathode*

Anion membebaskan elektron di anod  
*Anion releases electron at the anode*

Pengaliran elektron: dari elektrod positif ke elektrod negatif  
*Flow of electron: from positive to negative electrodes*