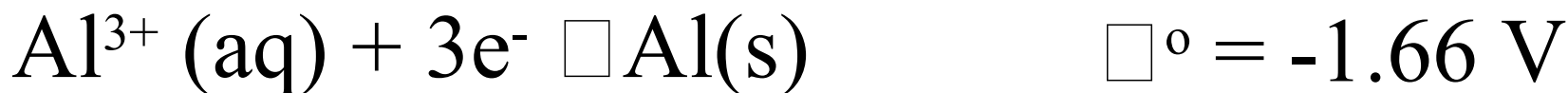


$$\xi_{\text{cell}}^{\circ}$$

$$\square_{\text{cell}}^{\circ} = \square_{\text{red}}^{\circ} - \square_{\text{ox}}^{\circ}$$



$$\square_{\text{cell}}^{\circ} = 0.80 - (-1.66) = 2.46 \text{ V}$$

$\square_{\text{cell}}^{\circ} > 0$  voltaic or galvanic cell spontaneous

$\square_{\text{cell}}^{\circ} < 0$  electrolytic cell non-spontaneous