

Reaction is spontaneous under standard conditions,

- ☐ $E^\circ_{\text{cell}} > 0$, $K < 1$, and $\Delta G^\circ > 0$
- ☐ $E^\circ_{\text{cell}} < 0$, $K > 1$, and $\Delta G^\circ > 0$
- ☒ $E^\circ_{\text{cell}} > 0$, $K > 1$, and $\Delta G^\circ < 0$
- ☐ $E^\circ_{\text{cell}} < 0$, $K < 1$, and $\Delta G^\circ < 0$

An electrode in an electrochemical cell at which oxidation occurs is referred to as which of the following terms?

- ☐ Galvanic cell
- ☐ Cathode
- ☒ Anode
- ☐ Battery

The process using electrical energy to cause a nonspontaneous process to occur is referred to as which of the following terms?

- ☐ Corrosion
- ☒ Electrolysis
- ☐ Electrode potential
- ☐ Galvanization