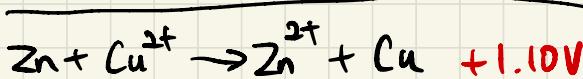
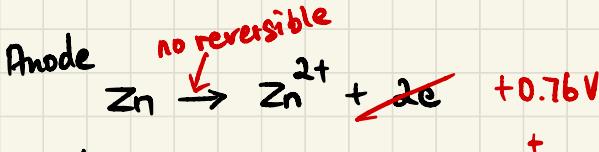
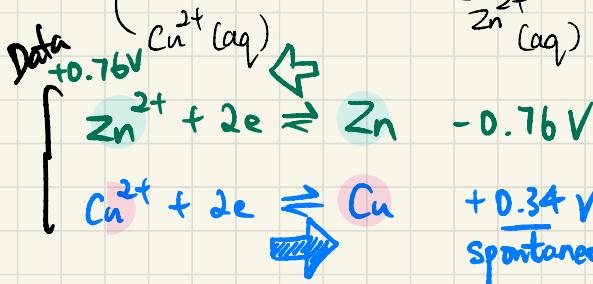
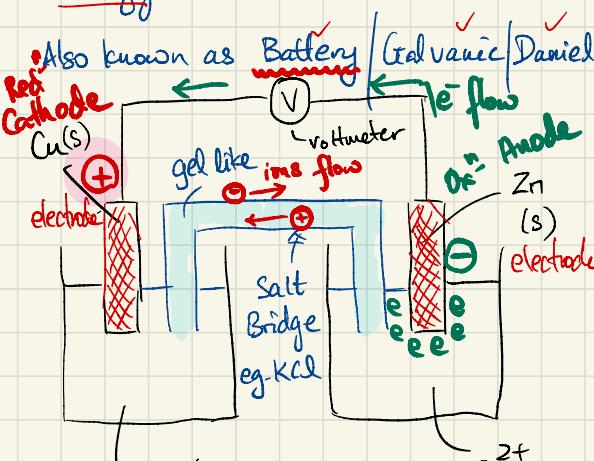
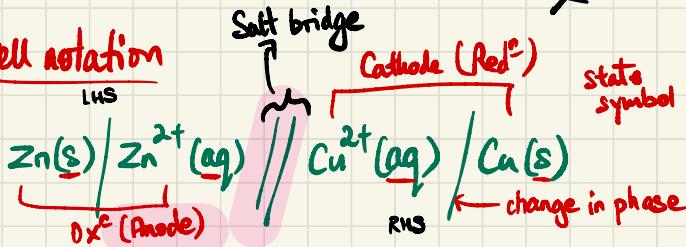


## Electrochemical Cell

converts chemical energy into electrical energy

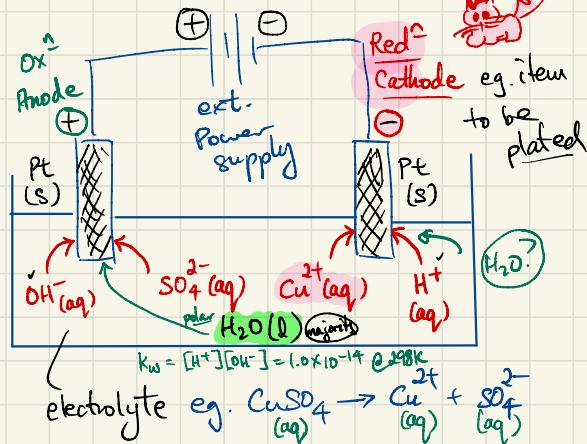


## Cell notation



## Electrolytic Cell

converts electrical energy into chemical energy eg. electrolysis/electroplating (the act of "splitting")



Let's consider plating of Copper.

Cathode:



plating

Anode:

Both  $\text{SO}_4^{2-}$  and  $\text{NO}_3^-$  remains unreactive in electrochemistry.

