

सेल

प्राथमिक सेल

द्वितीयक सेल

~~Recharge~~

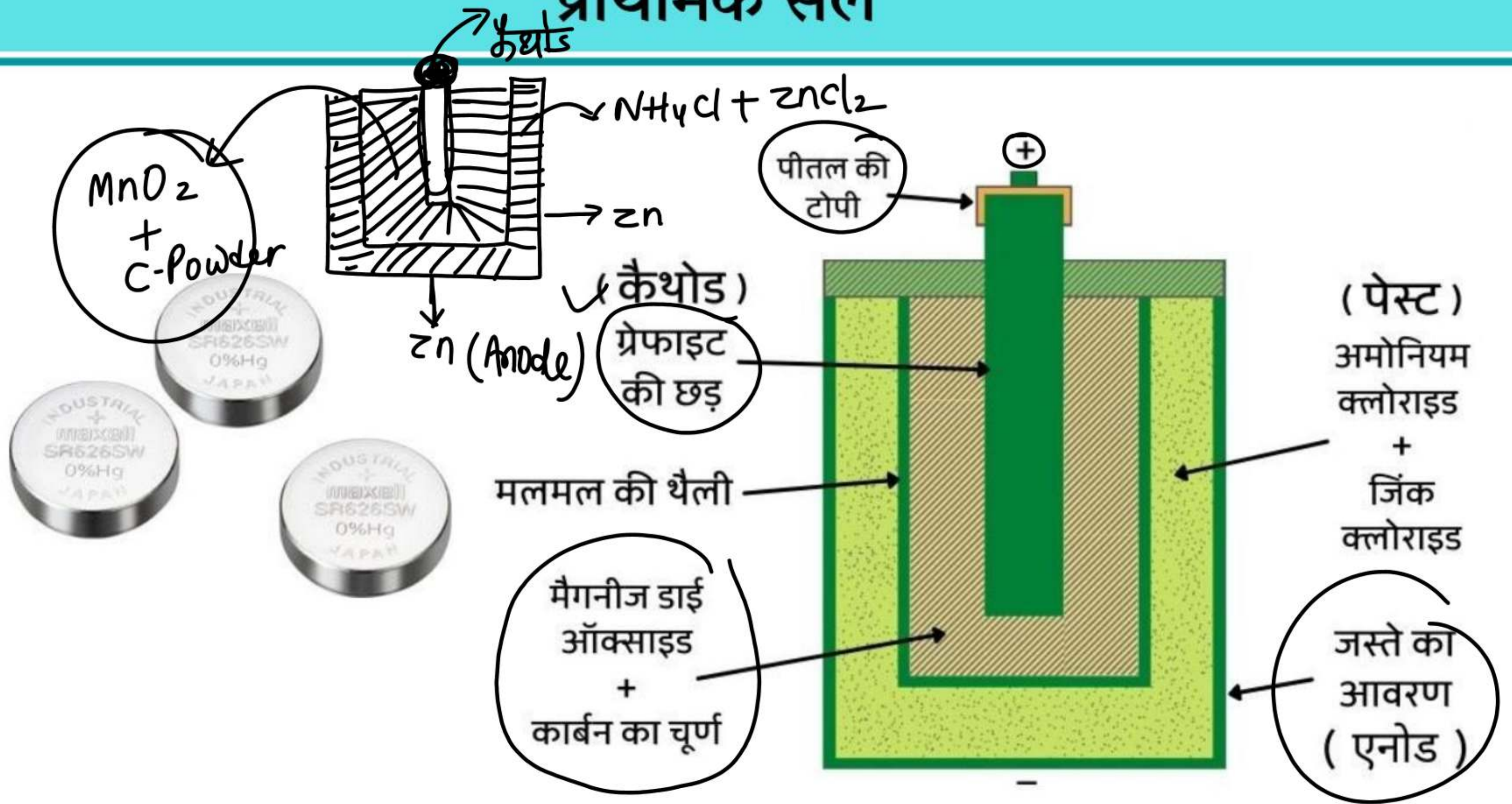
रासायनिक ऊर्जा

विद्युत ऊर्जा

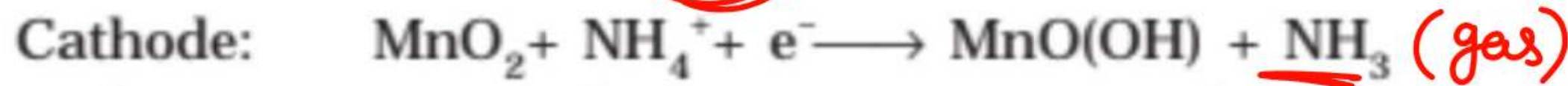
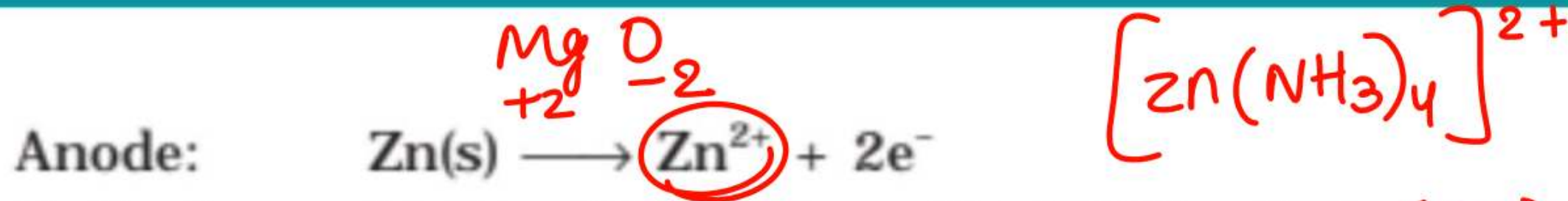
Recharge



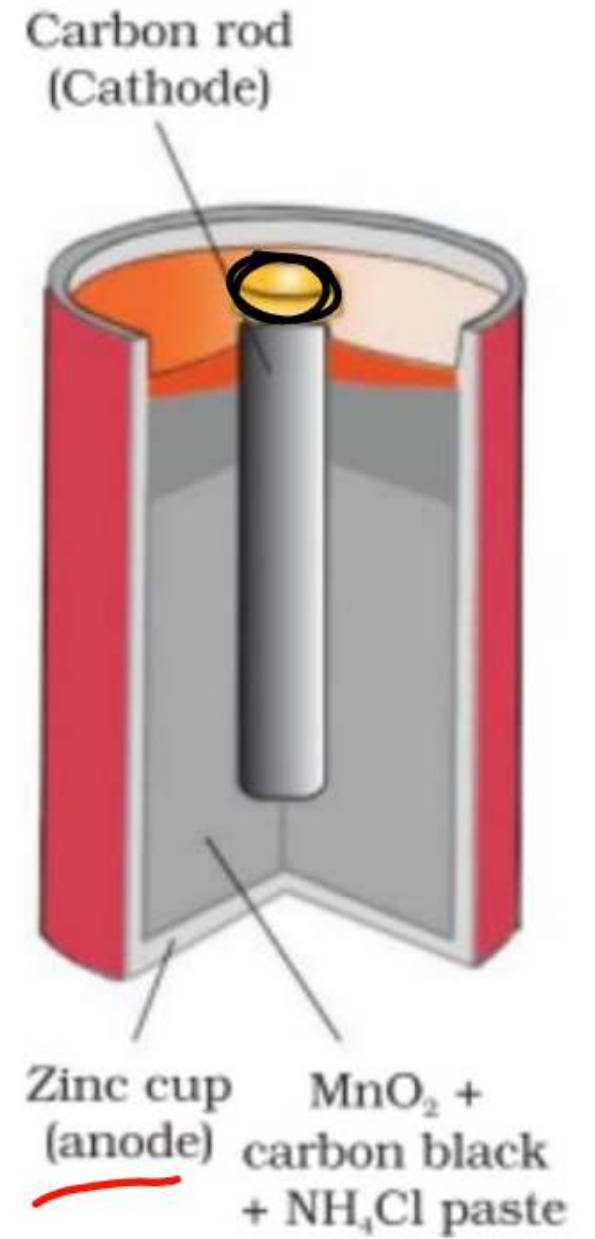
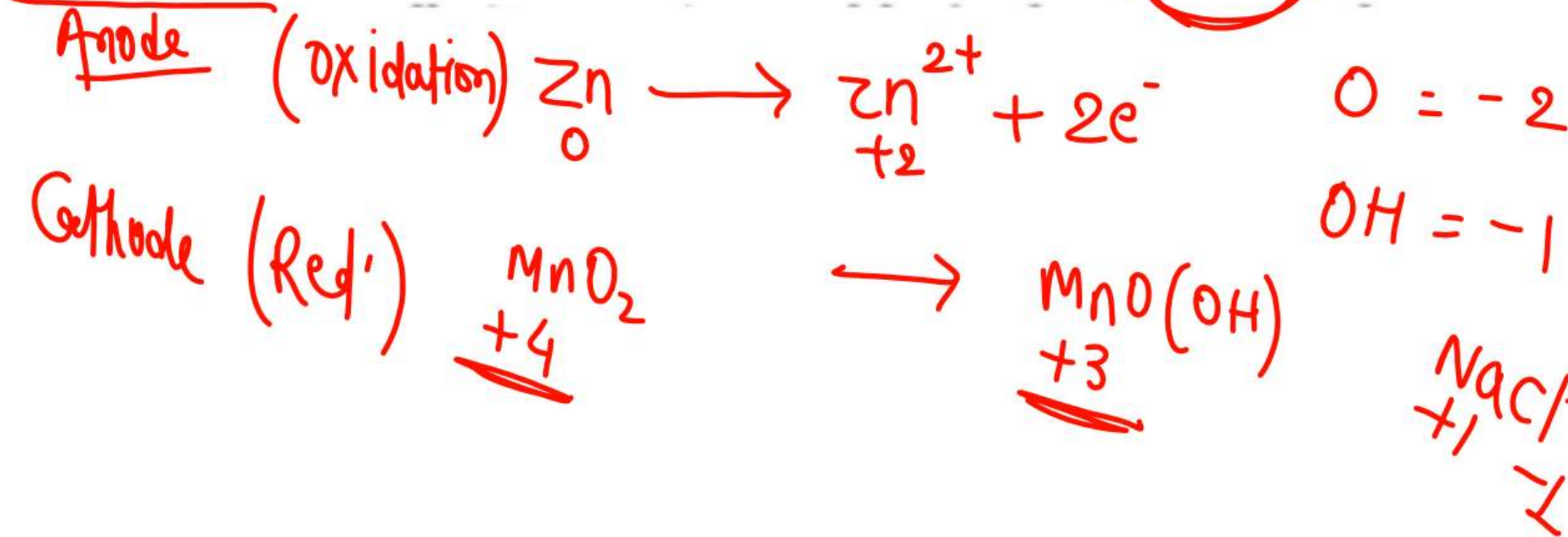
प्राथमिक सेल



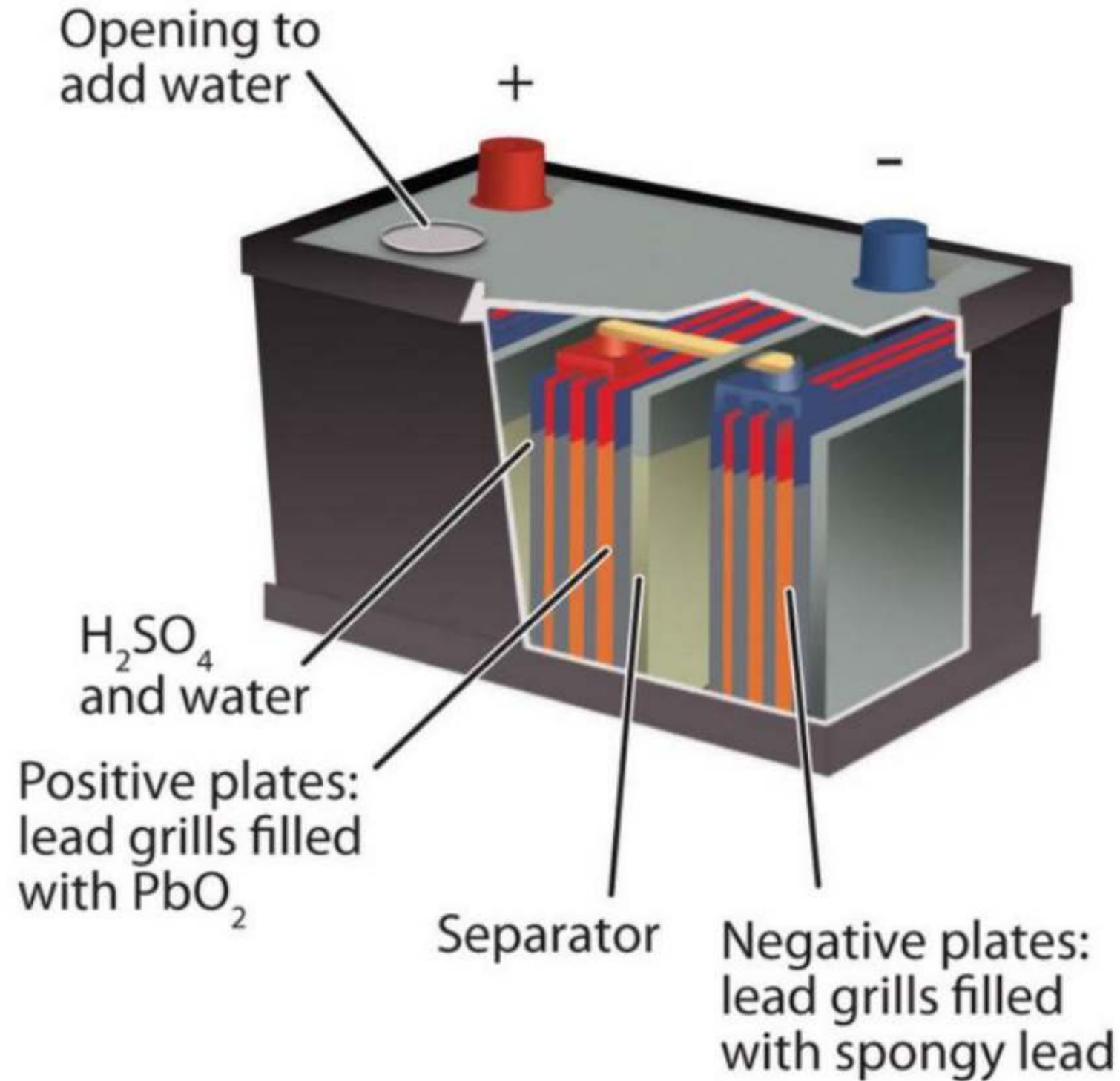
प्राथमिक सेल



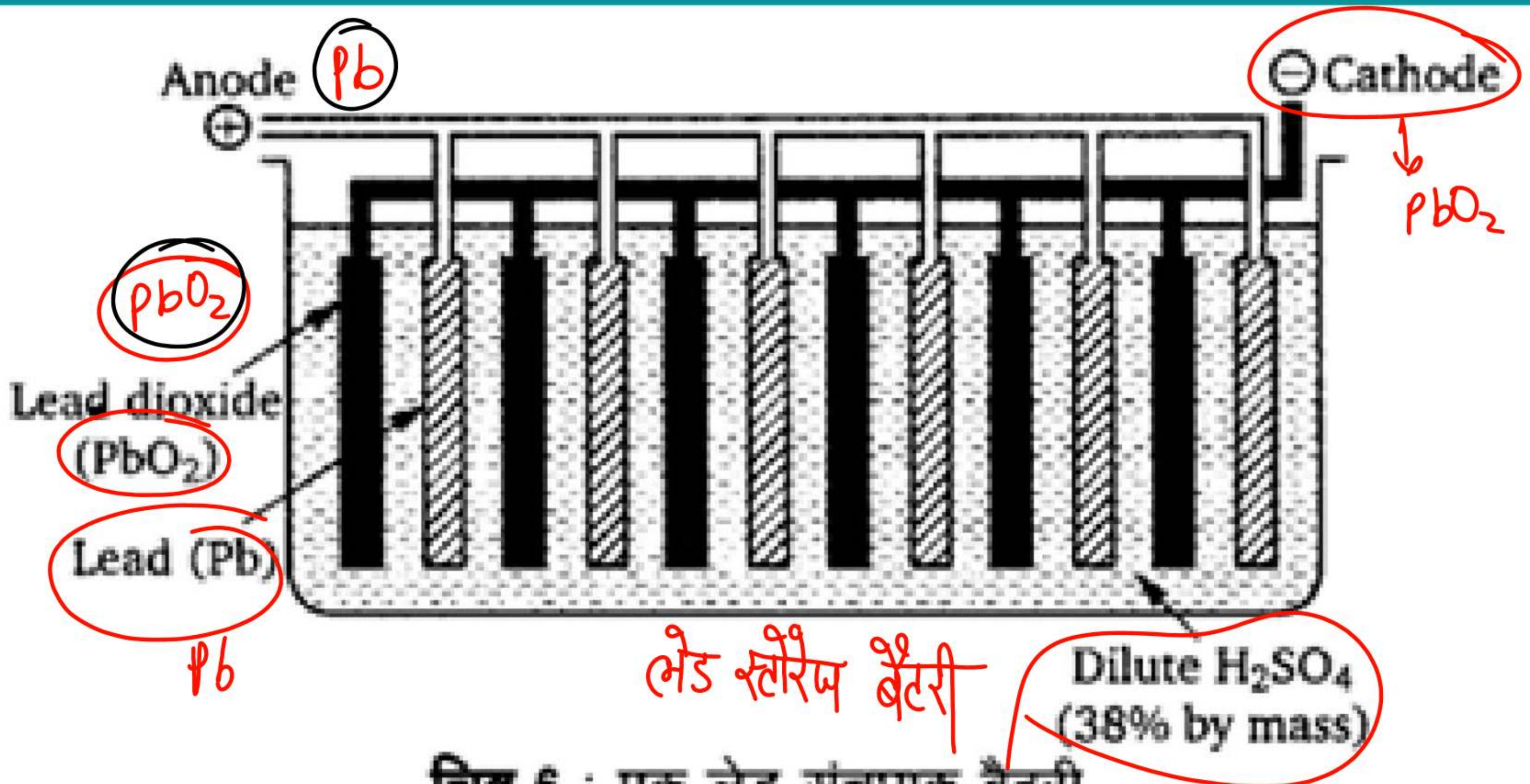
In the reaction at cathode, manganese is reduced from the +4 oxidation state to the +3 state. Ammonia produced in the reaction forms a complex with Zn^{2+} to give $[\text{Zn}(\text{NH}_3)_4]^{2+}$. The cell has a potential of nearly 1.5 V.



द्वितीयक सेल



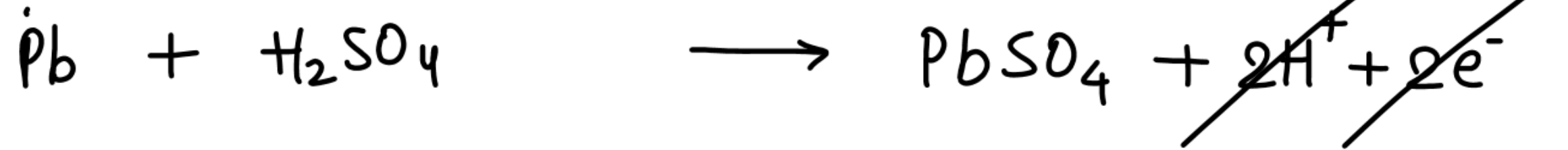
द्वितीयक सेल



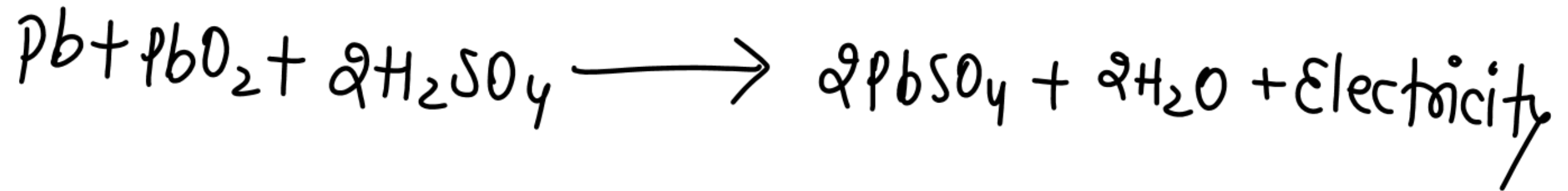
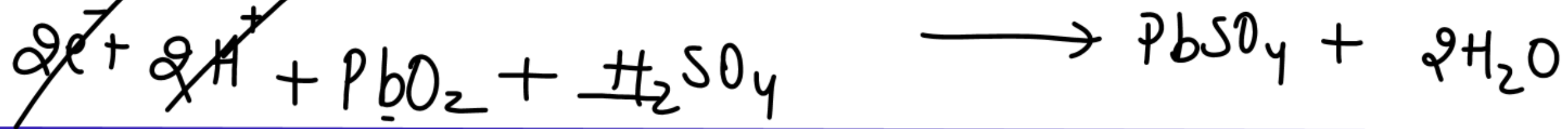
लेड स्टोरेज बैटरी
चित्र 6 : एक लेड संचायक बैटरी

द्वितीयक सेल

Anode (oxidation) ऑक्सीकरण



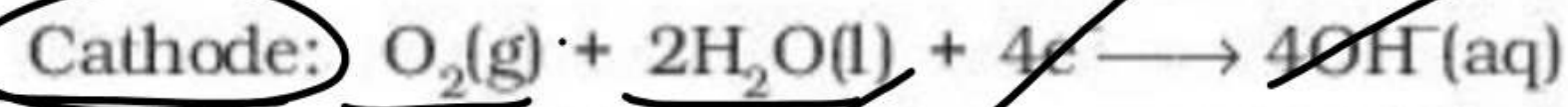
Cathode (Reduction) अक्करण



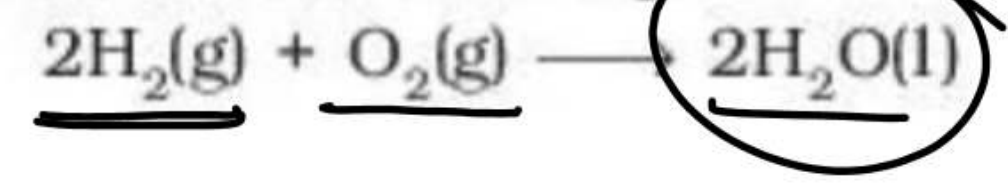
ईंधन सेल

80% C.E → E.E

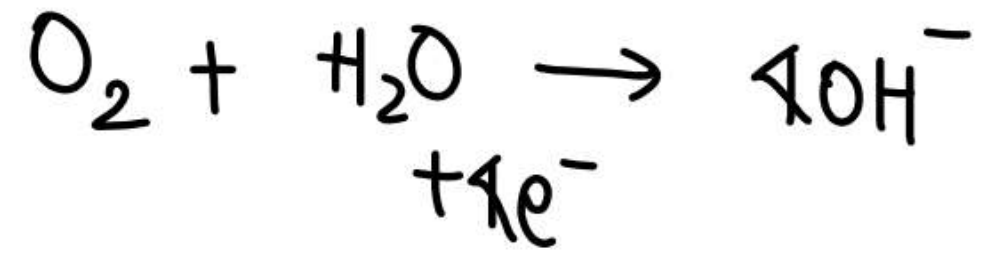
H₂ - O₂



Overall reaction being:



Cathode



Anode

