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Oxidation No. Method!—

It is based on the fact that  $\uparrow$  se in  
O.N. =  $\downarrow$  se in O.N.

1. Write O.N. of all elements
2. Write 2 half reactions
3. Balance charge by cross multiplication  
-n & add both half reactions.  
~~→ O-atom by~~
4. Balance rest of atoms by hit trial method.  
→ O-atom by  $H^+$  &  $H_2O$  in acidic medium  
→ O-atom by  $OH^-$  &  $H_2O$  in basic medium
5. Finally balance charge by addition of  $H^+$





