$$+7 +2$$
 MnO_4 $\rightarrow Mn^{2+}$

4. Balance hydrogen using H⁺

$$8 \text{ H}^+ + \text{MnO}_4^- \rightarrow \text{Mn}^{2+} + 4 \text{H}_2\text{O}$$

5. Balance charge using e

$$5e^{-} + 8H^{+} + MnO_{4}^{-} \rightarrow Mn^{2+} + 4H_{2}O$$

This is a balanced half-reaction electrons are a <u>reactant</u>

MnO₄⁻ is <u>gaining</u> electrons

MnO₄⁻ is being <u>reduced</u>

Where do the e⁻ come from?