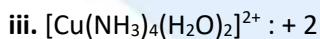
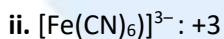
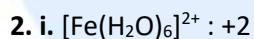
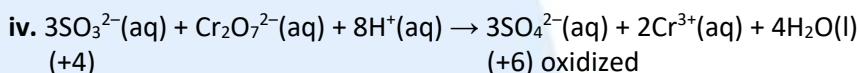
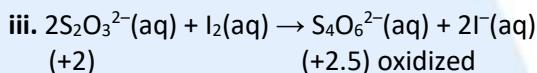
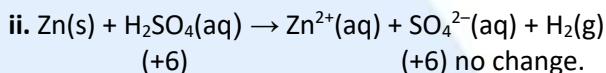
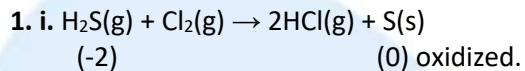


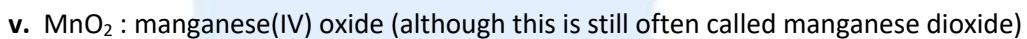
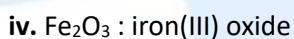
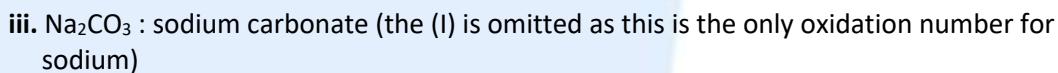
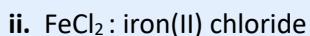
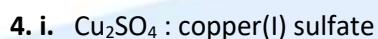
SL & HL Answers to Oxidation & reduction (1) questions

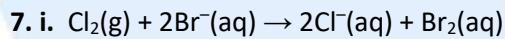
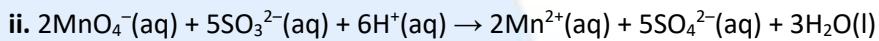
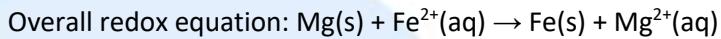
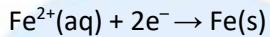


3. (III) refers to the oxidation number but is only used when naming compounds, e.g. iron(III) oxide.

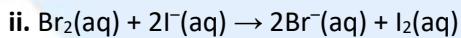
3+ refers to the charge carried by an ion of iron e.g. $\text{Fe}^{3+}(\text{aq})$.

+3 refers to the oxidation state, but is not used when naming compounds, e.g. the oxidation state of iron in iron(III) oxide is +3.

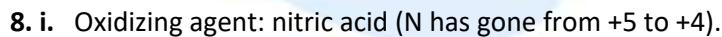




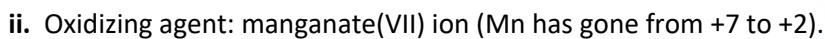
oxidizing agent: chlorine



oxidizing agent: bromine



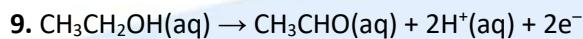
Reducing agent: copper (Cu has gone from 0 to +2)



Reducing agent: hydrogen peroxide (O has gone from -1 to 0)



Reducing agent: iron(II) (Fe has gone from +2 to +3)



Overall redox equation:

