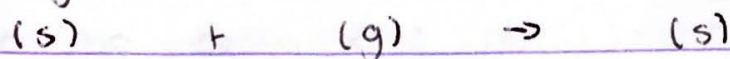
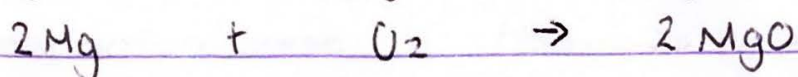


The reaction of magnesium and oxygen:

Magnesium + oxygen $\rightarrow$ Magnesium oxide



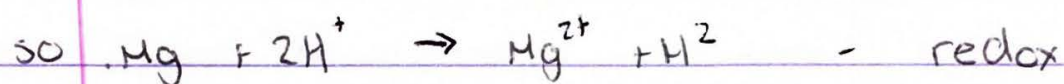
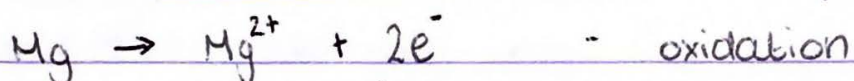
This is an oxidation reaction.

Anything that loses electrons is oxidised.

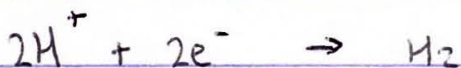
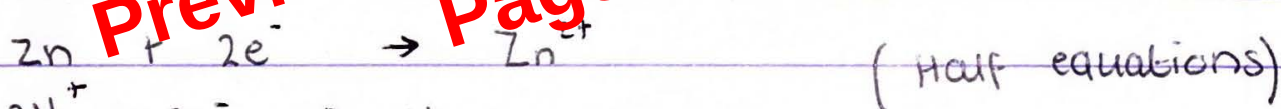
Anything that gains electrons is reduced.



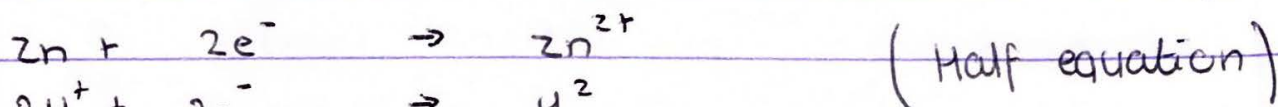
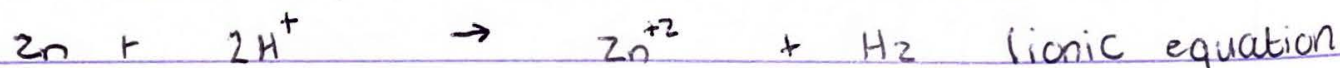
Half equations show what happens to one part.



① Zinc and hydrochloric acid



② Zinc and sulfuric acid



③ Iron (II) + hydrochloric acid

