

Chapter 01

CHEMICAL REACTIONS & EQUATIONS

Displacement and Double displacement

reactions:

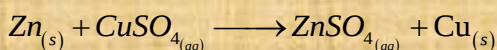
Displacement reactions:

The reactions in which one element displaces another element from its compound are known as displacement reactions.

Ex: An iron nail placed in copper Sulphate solution turns brownish and blue colour of the solution fades due to displacement of copper by iron from copper Sulphate.



- A more reactive element can only displace less reactive element from its compound.
- Zinc reacts with copper Sulphate to give Zinc Sulphate



- Lead reacts with copper chloride to give lead chloride



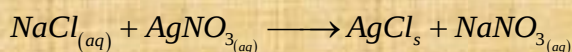
Double displacement reactions:

The reactions in which there is mutual exchange of ions or groups between the reactance and products are called double displacement reactions.



Precipitation reactions:

The chemical reaction which proceeds with the formation of precipitate are known as precipitation reactions.



The in soluble substance formed in the reaction is known as precipitate.

