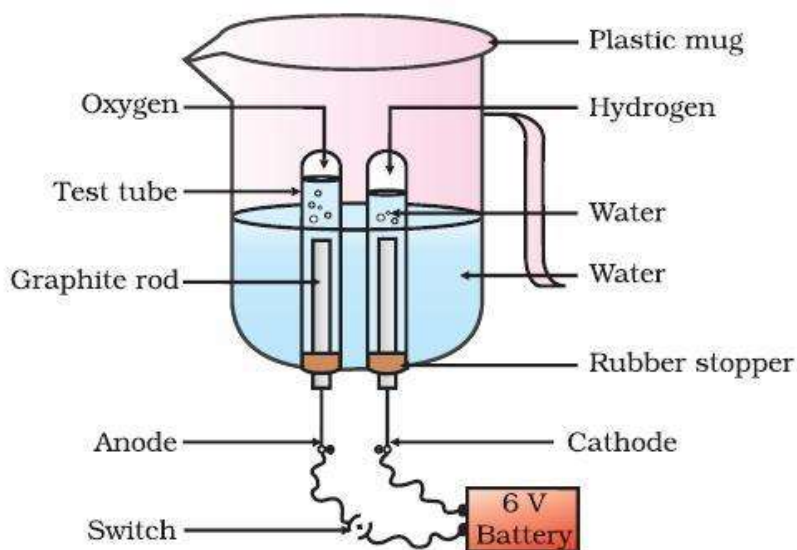
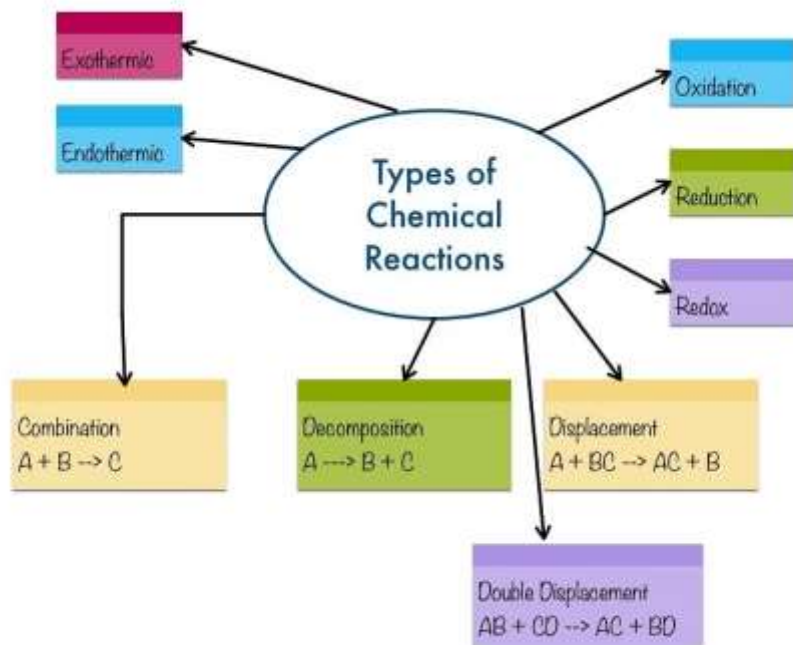
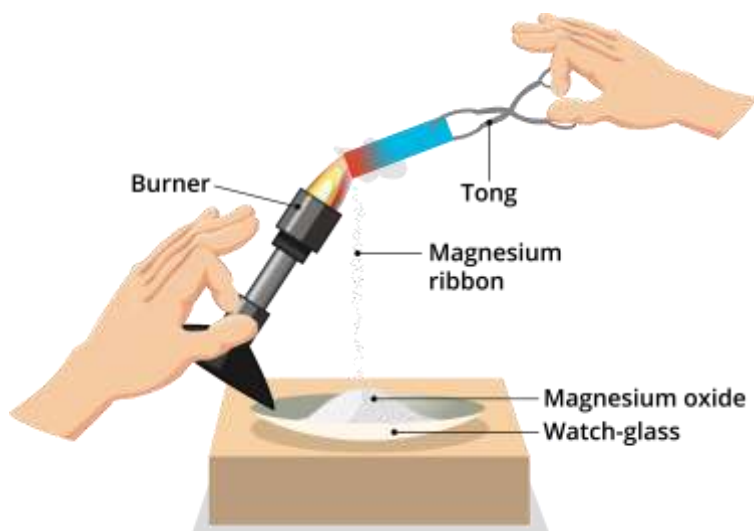


Introduction

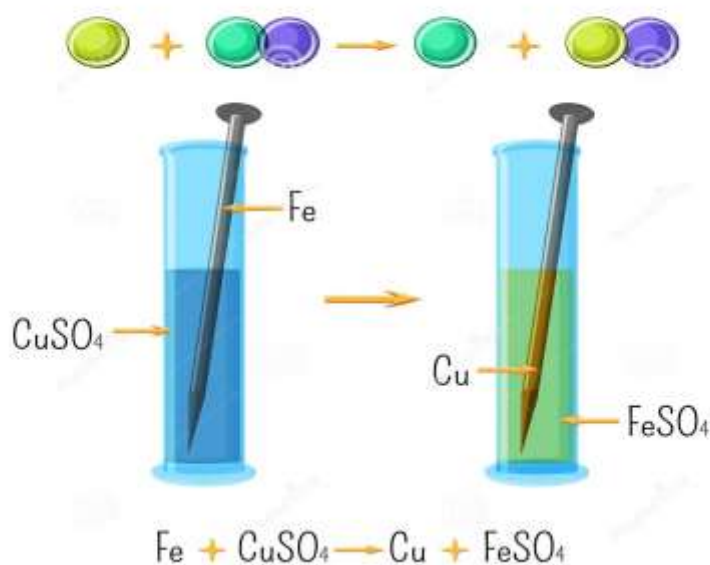


Electrolysis is an example of **decomposition** reaction. Electrolysis is the process of using electricity to split water into hydrogen and oxygen. This reaction takes place in a unit called an electrolyzer. During electrolysis, positively charged ions move to the negative electrode and negatively charged ions move to the positive electrode.



Burning Of magnesium ribbon- Write the balanced chemical equation.

Single displacement reaction



This is an example of displacement Reaction.

When an iron nail is dipped in CuSO_4 solution iron can displace copper from its solution. The iron nail gets coated with a brown layer of copper and the colour of the blue copper sulphate solution changes to pale green