

## What happens when –

### a) Magnesium ribbon is burnt in the presence of air

In this condition

Magnesium oxide is formed.

i.e,



### b) Calcium Hydroxide reacts with Carbon dioxide

In this condition

Calcium Carbonate and water are obtained as the product.

i.e,



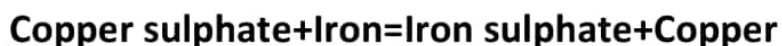
The water looks milky due to the formation of Calcium Carbonate.

### c) Copper Sulphate solution reacts with Iron

In this condition Iron

replaces the copper from the solution and the blue solution becomes green due to the formation of Iron Sulphate.

i.e,



### d) Baking soda reacts with Vinegar

In this condition the products that we obtain are Sodium acetate, Carbon dioxide and water.

i.e,

**Baking soda+vinegar=Sodium acetate+Carbon dioxide+Water**

NOTE-

(i) Chemical name of baking soda is Sodium Hydrogen Carbonate.

(ii) Vinegar contains acetic acid.