

Making Salts

Salts are made when acids react with Metals.

The name of the salt will depend upon the acid and the metal in the reaction.

Here are some examples:

- Sulphuric Acid + Copper Oxide → Copper Sulphate
- Hydrochloric Acid + Magnesium → Magnesium Chloride
- Sulphuric Acid + Copper Oxide → Copper Sulphate
- Nitric Acid + Zinc → Zinc Nitrate

Aim:

To find out what salt is made when metals react with various acids.

Results:

Acid	Substance	Salt Formed
Hydrochloric	Copper Oxide	
Hydrochloric	Calcium Carbonate	
Sulphuric Acid	Magnesium Oxide	
Sulphuric Acid	Zinc	
Nitric Acid	Magnesium	
Nitric Acid	Copper	

Conclusion:

1. When a substance reacts with hydrochloric acid a _____ is formed.
2. When a substance reacts with sulphuric acid a _____ is formed.
3. When a substance reacts with nitric acid a _____ is formed.