

If two elements are produced at an electrode, the less reactive element will usually be formed.

The electrolysis of brine (sodium chloride solution) is an important industrial process.

Aqueous solution - When a substance is dissolved in water.

Bases - Chemical which can neutralise acids.

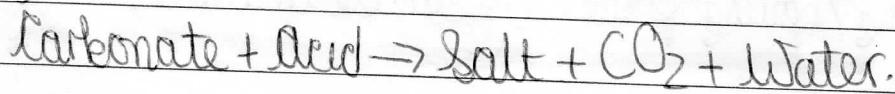
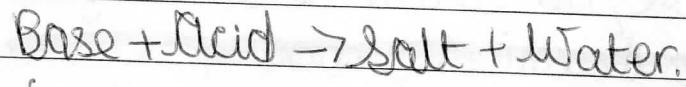
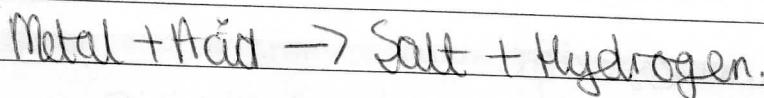
Alkalies - Bases which can dissolve in water.

- All acids taste very sour. All acids form  $H^-$  ions when added to water. The hydrogen ions make a solution acidic.
- Bases are the opposite of acids in the way they react. All alkalies form hydroxide ions ( $OH^-$ ) when added to the water, this makes the solution alkaline.

Indicators: special chemicals which change colour when added to acids and alkalis.

pH Scale: to show how acidic / alkaline a solution is. (0 most acidic, 14 most alkaline.)

Common indicators: Litmus paper, Phenolphthalein, Methyl Orange and universal indicator.



precipitates Precipitation reactions are used to remove pollutants from the wastewater from factories.

**Preview from Notesale.co.uk**

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