

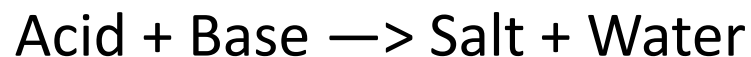


1. pH scale and neutralisation	
Key Vocabulary	Meaning
Acidic	A solution with a pH less than 7. The lower the number the stronger the acid. Hydrochloric, sulfuric and nitric acid are strong acids.
Neutral	A solution with a pH of 7 (soluble base)
Base	Reacts with an acid to form a salt and water
Alkali	A base that dissolves in water to give a solution with a pH greater than 7. The higher the number the stronger the alkali
pH scale	A measure of how acidic or alkaline a substance is.
Neutralisation	A chemical reaction which produces a salt and has a pH of 7



## 2. Indicators

Universal Indicator	Changes colour (see above) to show the pH of a solution
Blue Litmus paper	turns red when an acid solution is applied
Red Litmus paper	Turns blue when adding an alkali solution



## 3. Naming salts

Acid used	Second part of salt's name
Hydrochloric acid	chloride
Sulfuric acid	sulfate
Nitric acid	nitrate