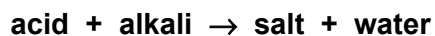


Word equations – The reaction between acids and alkalis

When an acid reacts with an alkali, a salt and water is produced:



An example:



The salt that is produced depends upon which acid and which alkali react.

The following table provides a summary of the name of the salt produced by different reactions between acids and alkalis.

1. Complete the table (*Hint* – look for the patterns):

Name of acid	Name of alkali	
	Sodium hydroxide	Potassium hydroxide
Hydrochloric acid	Sodium chloride	
Nitric acid		Potassium nitrate
Sulfuric acid	Sodium sulfate	Potassium sulfate

Salts produced when acids react with alkalis

2. Complete the following word equations:

