

Name \_\_\_\_\_ Date Due \_\_\_\_\_

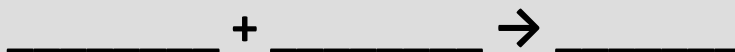
## Homework 2 – Equations and naming Salts

1. Complete the chemical equations (the first one has been done for you). Use a separate sheet if you can't fit them on!

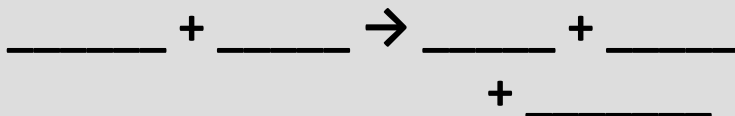
*An acid and an alkali were added together to make a salt and water*

**Acid + alkali → a salt + water**

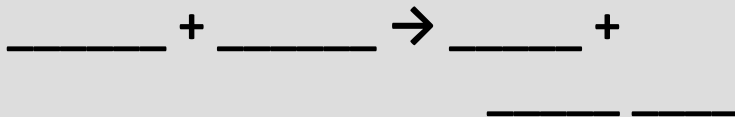
*Hydrogen and oxygen react together to make water*



*Copper and acid react together to make water, a salt and hydrogen*



*Methane reacts with oxygen to make water and carbon dioxide*



*Hydrogen reacts with nitrogen to make Ammonia.*



2. Complete the table...

Acid	Alkali	Salt
<b>Sodium hydroxide</b>	<b>Hydrochloric acid</b>	<b>Sodium chloride</b>
<b>Sodium hydroxide</b>	<b>Nitric acid</b>	<b>Sodium nitrate</b>
<b>Potassium hydroxide</b>	<b>Hydrochloric acid</b>	
<b>Potassium hydroxide</b>	<b>Nitric acid</b>	
<b>Calcium hydroxide</b>		<b>Calcium Nitrate</b>
	<b>Hydrochloric acid</b>	<b>Platinum chloride</b>
<b>Tungsten hydroxide</b>		<b>Tungsten nitrate</b>
		<b>Copper chloride</b>