

Form 3G

Rules for writing word equations

1. If a metal and a non-metal are added together the ending is usually -ide.

e.g. Iron + Oxygen _____ Iron Oxide

2. If a metal, a non-metal and oxygen are added the ending is usually **-ate**.

e.g. Iron + Carbon + Oxygen ----- Iron Carbonate

3. When a metal and acid are added, a salt and hydrogen are produced:

Magnesium + Sulphuric Acid _____ Magnesium Sulphate + Hydrogen

4. When a carbonate and a acid are added, C02, Salt, H20 formed:

Iron Carbonate + Hydrochloric Acid _____ Iron Chloride + C02 + H20

- 5. Nitric Acid **NO3**
 - H2SO4 **____**► **SO4**
 - HCI CI