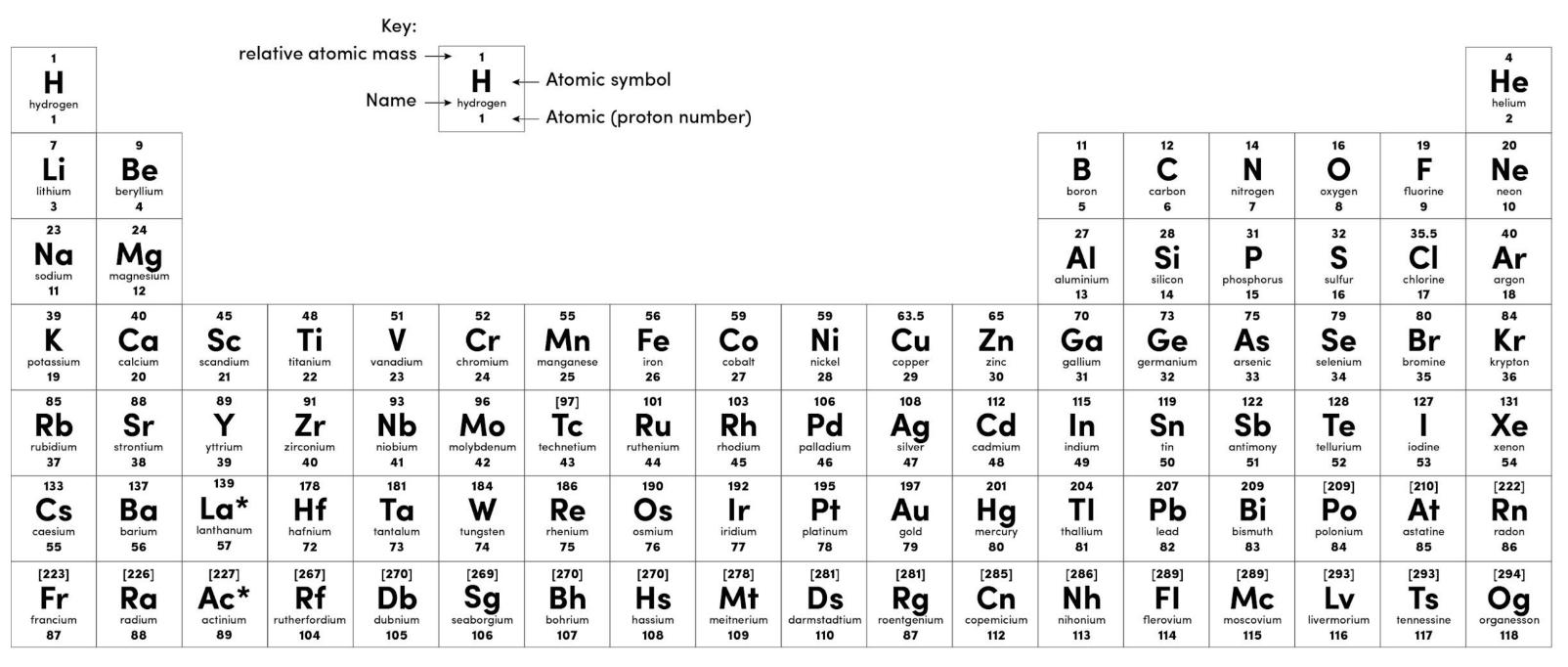
Combined Science - Chemistry - Key Stage 4

Acid Base Reactions



Periodic Table of Elements



Source: Oak



Naming salts

Name the salts that would be formed by the reactants below

- 1. Sodium hydroxide + sulfuric acid
- 2. Copper oxide + nitric acid
- 3. Lithium carbonate + sulfuric acid
- 4. Magnesium carbonate + nitric acid
- 5. Potassium oxide + hydrochloric acid
- 6. Potassium hydroxide + hydrochloric acid

Acid	Type of salt formed
Hydrochloric	Chloride
Sulfuric	Sulfate
Nitric	Nitrate



Naming salts answers

Name the salts that would be formed by the reactants below

- 1. Sodium sulfate
- 2. Copper nitrate
- 3. Lithium sulfate
- 4. Magnesium nitrate
- 5. Potassium chloride
- 6. Potassium chloride

Acid	Type of salt formed
Hydrochloric	Chloride
Sulfuric	Sulfate
Nitric	Nitrate



Independent task

Metal oxide + acid → salt + water

Metal hydroxide + acid → salt + water

Acid	Type of salt formed
Hydrochloric	Chloride
Sulfuric	Sulfate
Nitric	Nitrate

Metal carbonate + acid → salt + water + carbon dioxide

Copy and complete the word equations below

- 1. calcium oxide + sulfuric acid → _____ + _____
- 2. sodium hydroxide + hydrochloric acid → _____ + _____ + ____
- 3. Potassium carbonate + nitric acid → _____ + ____ + ____ + ____
- 4. Magnesium hydroxide + _____ → magnesium nitrate + ____
- 5. _____ + hydrochloric acid → calcium chloride + water + carbon dioxide



Independent task answers

Copy and complete the word equations below

- 1. calcium oxide + sulfuric acid → calcium sulfate + water
- 2. sodium hydroxide + hydrochloric acid → sodium chloride + water
- 3. potassium carbonate + nitric acid → potassium nitrate +water+carbon dioxide
- 4. magnesium hydroxide + **nitric acid →** magnesium nitrate + **water**
- 5. **calcium carbonate**+hydrochloric acid → calcium chloride+water+carbon dioxide

