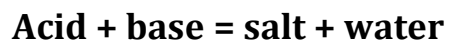


Name _____

Neutralisation Reactions

1. An alkali is a _____



EXAMPLE: **Hydrochloric** acid + **sodium hydroxide** → **Sodium chloride** + **water**

2. *Why is this called a neutralization reaction?*

3a. **Hydrochloric** acid + **magnesium** hydroxide → **magnesium chloride** + _____

3b. **Hydrochloric** acid + **potassium** hydroxide → _____ chloride + _____

3c. **Hydrochloric** acid + **calcium** hydroxide → _____ + _____

3d. **Hydrochloric** acid + _____ → **Copper chloride** + water

4. Label the ***reactants*** and the ***products***:



5a. Hydrochloric acid produces a salt called a c_____ide

5b. Sulphuric acid produces a salt called a s_____ate

5c. Nitric acid produces a salt called a n_____ate

Using the reactants you can work out the products

6. **Sulphuric** acid + **sodium** hydroxide → _____ sulphate + _____

7. **Nitric** acid + **calcium** hydroxide → calcium _____ + _____

8. **Nitric** acid + **calcium** hydroxide → _____ nitrate + _____

8. **Sulphuric** acid + **calcium** hydroxide → _____ + _____