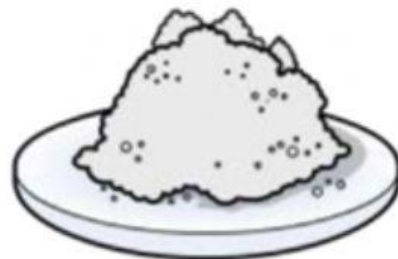


1. When an acid reacts with a base, a neutralisation reaction occurs, producing a salt. Using the following equation, name the salts that are produced in the acid-base reactions.



- a) hydrochloric acid + ammonia $\rightarrow$
- b) nitric acid + sodium hydroxide $\rightarrow$
- c) phosphoric acid + potassium hydroxide $\rightarrow$



2. There are three other ways of making salts from acids. Complete the following equations to illustrate them.

- a) acid + metal $\rightarrow$ salt +
- b) acid + $\rightarrow$ salt + water
- c) acid + carbonate $\rightarrow$ salt + + water

3. Use the above information to complete the following reactions that form soluble salts using acids.

- a) iron oxide + sulfuric acid $\rightarrow$ + water
- b) + hydrochloric acid $\rightarrow$ magnesium chloride + H_2O + CO_2
- c) zinc + $\rightarrow$ zinc nitrate + hydrogen

4. Name two ways in which salt is used by humans in everyday life.

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