Balancing Chemical Equations 1

1. Neutralisation

Acid + alkali → metal salt + water

Balance the following reactions

Sodium hydroxide reacts with hydrochloric acid

Sulfuric acid reacting with barium hydroxide

1. Metal + acid

Metal + acid → metal salt + hydrogen

Balance the following reactions

Sodium reacts with hydrochloric acid

Sodium reacts with sulfuric acid

magnesium reacts with sulfuric acid

magnesium reacts with nitric acid

1. Metal carbonate + acid

Metal carbonate + acid → metal salt + carbon dioxide + water

Balance the following reactions

Sodium carbonate reacts with hydrochloric acid

Sodium carbonate reacts with sulfuric acid

magnesium carbonate reacts with hydrochloric acid

magnesium carbonate reacts with sulfuric acid