

Reactions

- Write the formula for the reactants
- Predict the products
- Balance the resulting equation
- State what type of reaction

1. magnesium + oxygen →

2. aluminum + hydrochloric acid →

3. sodium chlorate →

4. zinc chloride + ammonium sulfide →

5. calcium carbonate →

6. mercury II sulfate + ammonium nitrate →

7. pentane (C₅H₁₂) + oxygen →

8. zinc + sulfuric acid →

9. chlorine + magnesium iodide →

10. cobalt III hydroxide + nitric acid →

Reactions

- Write the formula for the reactants
- Predict the products
- Balance the resulting equation
- State what type of reaction
- Write the net ionic equation

1. magnesium hydroxide + phosphoric acid →

2. iron (II) sulfide + hydrochloric acid →

3. ammonium sulfide + iron II nitrate →

4. barium carbonate + hydrochloric acid →

5. ammonium phosphate + barium hydroxide →