

Write one balanced chemical equation for each type of reaction

- Combination reaction
- Decomposition reaction
- Displacement reaction
- Double displacement reaction
- Exothermic reaction
- Endothermic reaction
- Photochemical decomposition reaction
- Thermal decomposition reaction
- Electrolytic decomposition reaction
- Redox reaction

Write the Chemical Equation (One Line)

1. Formation of water from hydrogen and oxygen.
2. Decomposition of ferrous sulphate on heating.
3. Reaction of zinc with dilute sulphuric acid.
4. Reaction of iron with copper sulphate solution.
5. Reaction of sodium sulphate with barium chloride.
6. Burning of magnesium in air.
7. Decomposition of silver chloride in sunlight.

8. Formation of slaked lime from quick lime.

Fill in the Blanks (One Line)

A reaction in which heat is released is called a _____ reaction.

A reaction that requires heat energy to proceed is called _____ reaction.

The substance that gets oxidised in a redox reaction is called _____.

Rancidity in food can be prevented by adding _____

Iron articles are painted to prevent _____.

Magnesium burns in oxygen to form _____

When silver nitrate solution reacts with sodium chloride, a white precipitate of _____ is formed.

The colour change in AgCl when exposed to sunlight is a _____ decomposition reaction.

In a displacement reaction, a more reactive metal displaces a _____ reactive metal.

The brown coating formed on iron is called _____.