

Worksheet 4.8

Types of reaction

Chemical change is crucial to life and the nature of our world. There are a range of different types of reaction.

The following words describe ten different types of chemical reaction:

decomposition precipitation combustion
oxidation reduction reversible neutralisation
exothermic endothermic displacement

Write the correct term after each of the following descriptions of chemical reactions:

- 1 two solutions are mixed together and form an insoluble product:
- 2 a reaction in which oxygen is removed from one of the reactants:
- 3 a reaction which takes in heat from the surroundings:
- 4 a reaction where products can form the original reactants:
- 5 a single substance breaks down into two or more simpler ones:
- 6 a substance loses electrons:
- 7 one element takes the place of another in a compound:
- 8 a substance burns in oxygen: