

Reaction Energetics

Endothermic reactions

Energy is absorbed by reaction mixture.

Temperature of surrounding falls.

Internal energy of system increases.

Exothermic reactions

Energy is given out by system.

Temperature of surrounding increases.

Internal energy of system decreases.

Example of endothermic reactions or processes

Melting

Boiling

Evaporation

Decomposition of compounds

Examples of exothermic reactions and processes

Freezing

Condensation

Burning or combustion

Acid base reaction.