Formation/Synthesis Reactions

General Formula

yields

A + B ⟶ AB

substance substance compound

Reactants Product

Jan 12-8:35 PM

Decomposition Reactions

General Formula

yields

AB ⟶ A + B

compound substance substance

Reactant Products

Jan 12-8:35 PM

Worksheet: Formation and Decomposition Reactions

$2Ca + O_2 \rightarrow 2CaO$ F

$H_2 + N_2 \rightarrow 2NH_3$ F

Mar 31-12:23 AM

$2H_2O_2 \rightarrow 2H_2O + O_2$ D

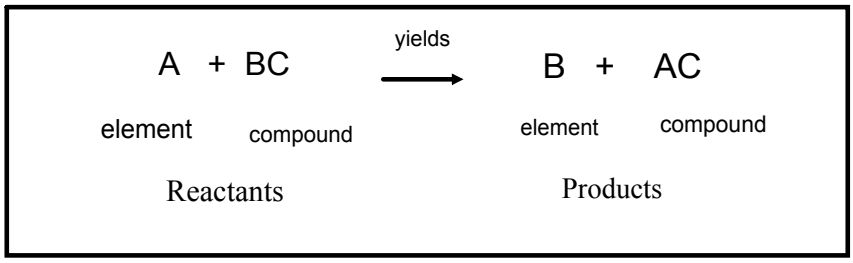
$CaCO_3 \rightarrow CaO + CO_2$

(1) → (2)

Mar 16-2:30 PM

Single Replacement Reactions

General Formula



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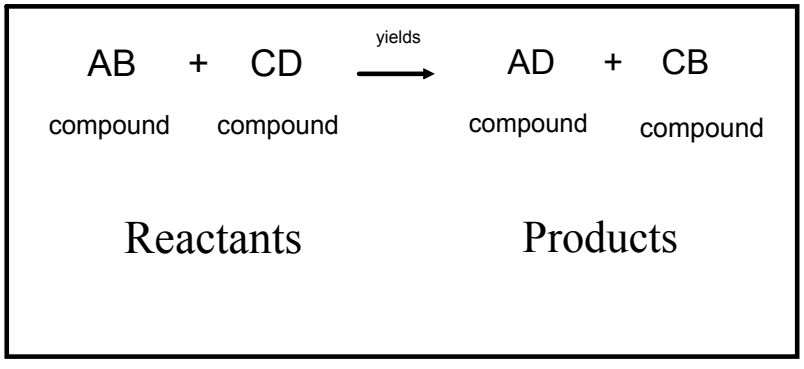
Double Replacement Reactions

Displa

General Formula



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$2AlI_3 + HgCl_2 \rightarrow 2AlCl_3 + HgI_2$

C + C → C + C

Double replacement

Mar 16-2:37 PM

$2AgNO_3 + Ni \rightarrow Ni(NO_3)_2 + 2Ag$

C E C E

Single replacement

Mar 16-2:40 PM

Attachments

Science 10 - Grade 9 Chem Topics.docx

Science 10 - Grade 9 Chem - What Do You Know.docx

Science 10 - Activity - Molecular Models.docx

Science 10 - Answer Key - Ions and Subatomic Particles.pdf