

d) barium + sulfur \rightarrow barium sulfide



Type: Synthesis

f) calcium + water \rightarrow hydrogen + calcium hydroxide

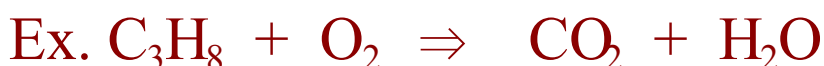


Type: Single Replacement

Reactions

Combustion

element/compound + O₂ ⇒ oxides + energy



Synthesis

two smaller particles (elements) ⇒ one molecule



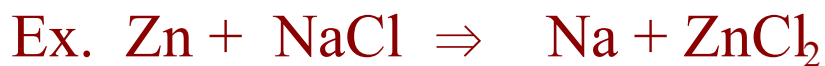
Decomposition

one molecule ⇒ smaller particles (elements)



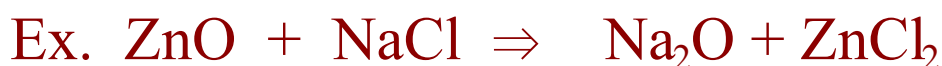
Single Replacement

element + compound ⇒ element + compound



Double Replacement

compound + compound ⇒ compound + compound



Homework

Translation Worksheet