

Test - Tuesday

Tomorrow: Review for the test - Worksheet
Monday: Lab

Chemical Reactions Topics

- Balancing chemical equations - 2½ weeks
 - Law of Conservation of Mass - ½ day
 - Types of Reactions - 3 days
 - Kinetic Molecular Theory
 - Factors affecting reaction rate
- } 1 day

Synthesis

element + element \longrightarrow compounds

Decomposition

compound \longrightarrow element + element

Combustion

element/compound + O_2 \longrightarrow $CO_2 + H_2O$
oxides
 CO_2 CO C H_2O

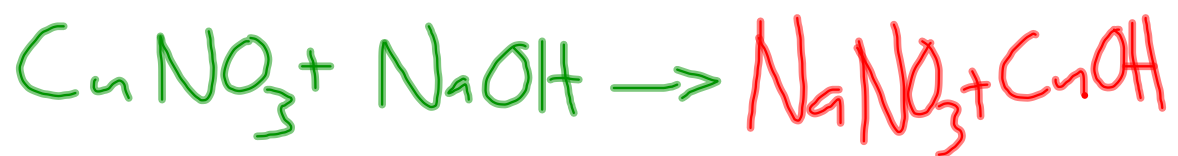
• Single Replacement

element + compound \longrightarrow element + compound

Double Replacement

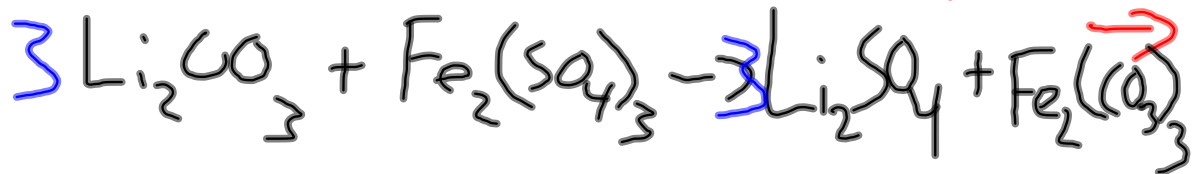
compound + compound \longrightarrow compound + compound

double replacement



double replacement

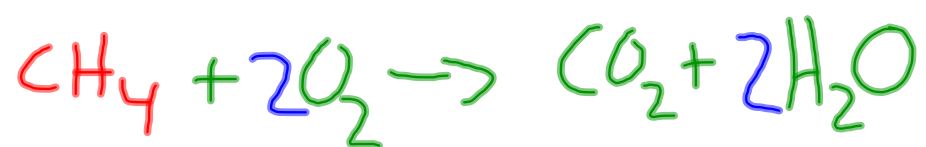
Li^+ CO_3^{2-} Fe^{3+} SO_4^{2-}
Lithium Carbonate + Iron(III) sulfate



single replacement



complete combustion



p. 252 #1, 2, 3ace, 4bc, 6acd, 7