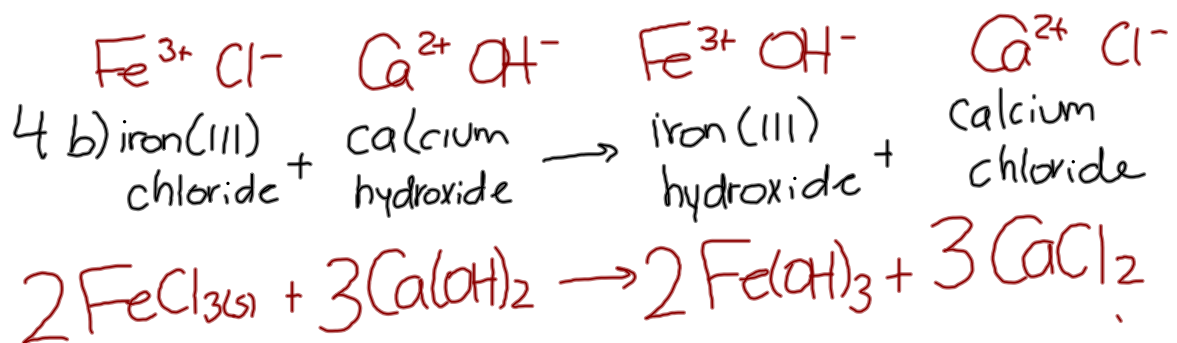


Check Homework - #3-6, 11,12

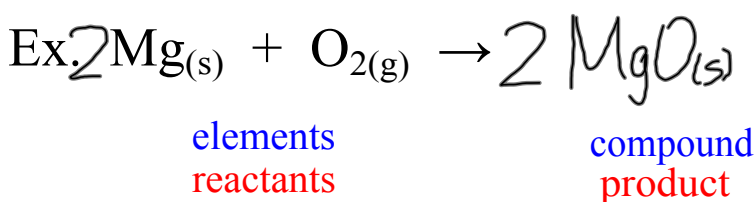


Types of Chemical Reactions

There are five types of chemical reactions:

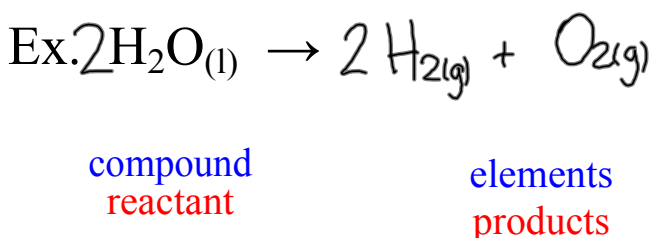
I. Formation/Combination reactions occur when two substances (normally elements) react to form an ionic or molecular compound

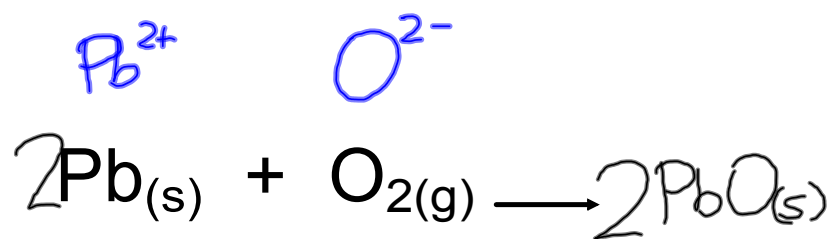
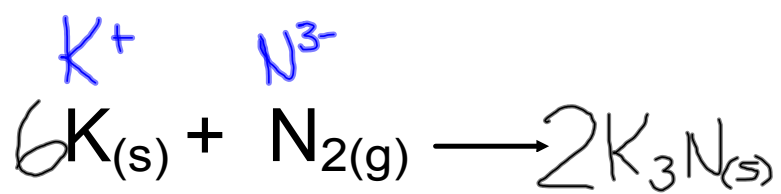
-when a metal and nonmetal react, the product will be the ionic compound formed by the most common ions.

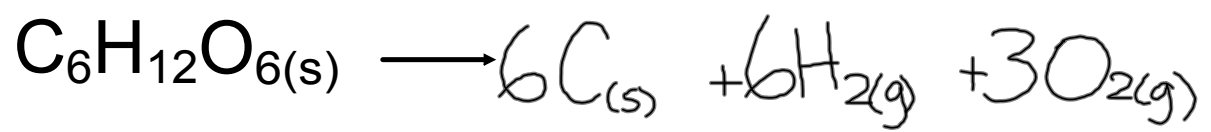


II. A decomposition reaction is the result of an ionic or molecular compound breaking down into its elements.

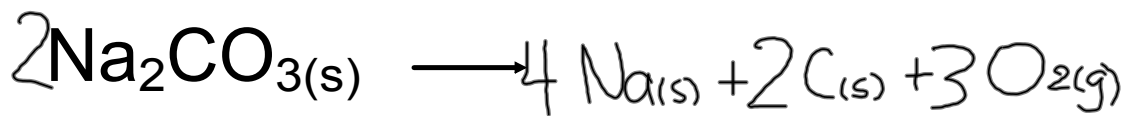
⇒ it is the reverse of a formation reaction





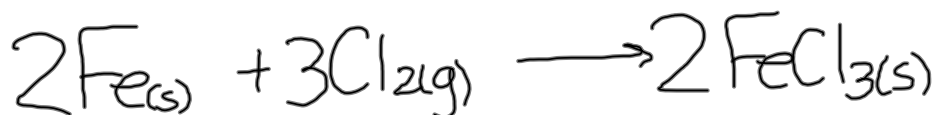


DECOMPOSITION



Sodium carbonate \longrightarrow Sodium + carbon + oxygen

Fe^{3+} Cl^-
iron + chlorine \longrightarrow iron(III)chloride



FORMATION

Homework

Worksheet