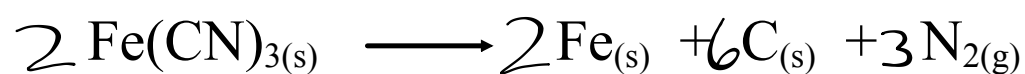
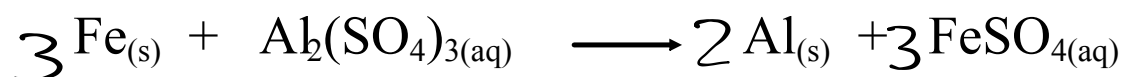
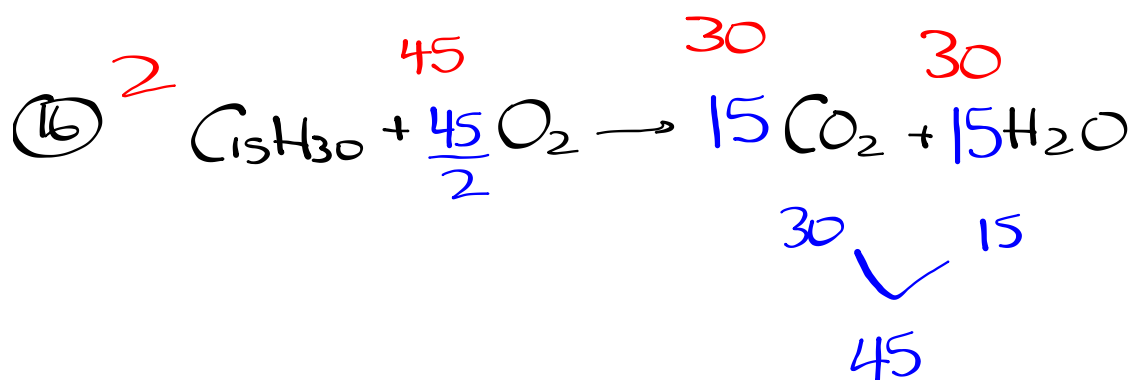


Warm Up



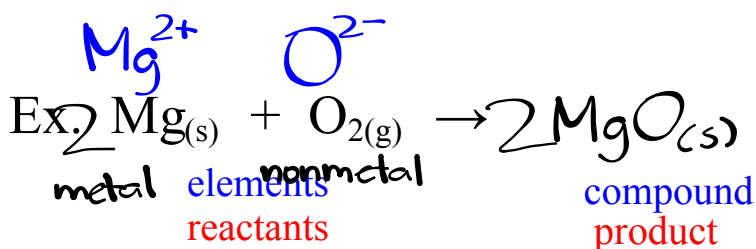
Check Homework - Worksheet



Types of Chemical Reactions

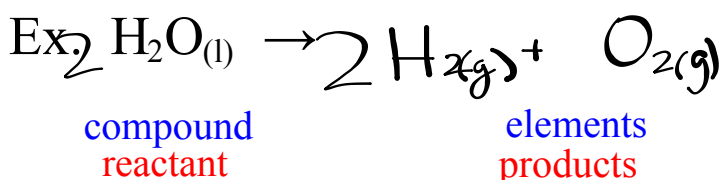
There are five types of chemical reactions:

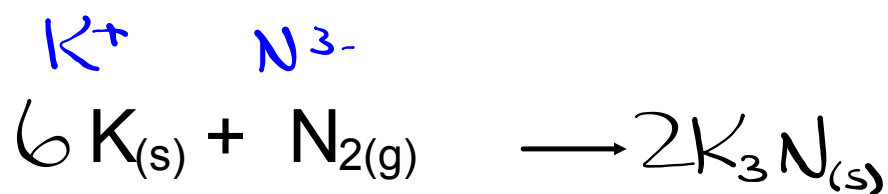
I. Formation/Combination reactions occur when two substances (normally **elements**) react to form an ionic or molecular **compound**. *elements → compound*
 -when a metal and nonmetal react, the product will be the ionic compound formed by the most common ions.



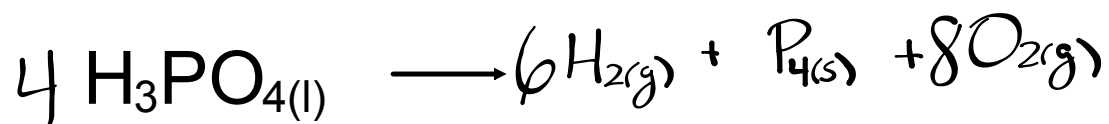
II. A decomposition reaction is the result of an ionic or molecular compound breaking down into its elements.
 ⇒ it is the reverse of a formation reaction

Compound → elements





potassium + nitrogen \longrightarrow potassium nitride



Homework

Worksheet