

Writing Equations

A chemical reaction occurs when 2 or more ingredients, which we will call REACTANTS, rearrange themselves to create a brand new set of substances we will call the PRODUCTS.



Feb 6-10:57 AM

The equation for a reactions shows the reactants on the left side of an arrow that points to the reactants on the right side.

reactant 1 + reactant 2 --> product 1 + product 2

Equations can be word equations, so they use the names of chemicals.

hydrogen + oxygen --> water

Equations can also show formulas.

$H_2 + O_2 \rightarrow H_2O$

Feb 6-11:00 AM

Ex1: solid copper in silver nitrate solution

Ex 2: solid zinc in hydrochloric acid solution

Feb 6-11:04 AM

Ex 3: solid aluminum in copper chloride solution

Ex 4: magnesium burning

Feb 6-11:04 AM