

Thursday Dec 15

Chapter 6: Chemical Reactions

Types of Chemical Equations:
- Word vs Chemical

Warm- Up

What chemical reactions do you conduct every morning?

Chemical Reactions

What is a chemical reaction?

- change that takes place when two or more substances (reactants) change into one or more new substances.
- the event resulting from the mixing of different substances
- a process in which one or more substances are changed into others

What is a chemical equation?

- a written representation of a chemical reaction using chemical formulas for reactant and products

What is a word equation?

- one way of representing a chemical equation using the names of reactants and products instead of chemical formulas

Chemical Equations



"reactants"
(starting materials)

"products"
(finishing materials)

Word Equations

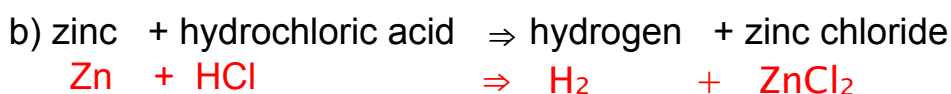


"reactants"
(starting materials)

"products"
(finishing materials)

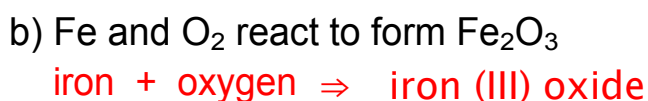
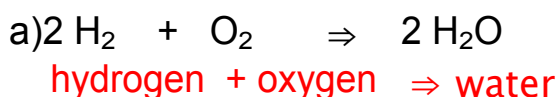
Examples:

Write the chemical equation to represent the following:



Examples:

Write the word equation to represent the following:



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