



Name:..... Class:..... No. ....

## Chemical Reactions



Choose the correct answer.

1. \_\_\_\_\_ is a process in which a substance or more than one substance undergoes a chemical change.  
a. chemical change                      b. chemical equation                      c. chemical reaction
2. \_\_\_\_\_ represents a chemical reaction when it is balanced.  
a. chemical change                      b. chemical equation                      c. chemical reaction
3. \_\_\_\_\_ is a change that shows a chemical reaction.  
a. chemical change                      b. chemical equation                      c. chemical reaction
4. \_\_\_\_\_ are substances that are formed as a result of a chemical reaction.  
a. reactants                                  b. reactions                                  c. products
5. \_\_\_\_\_ are substances that undergo a chemical reaction.  
a. reactants                                  b. reactions                                  c. products

6. \_\_\_\_\_ is a solid product formed when solutions of two soluble substances are mixed.

a. substance

b. precipitate

c. reactant

7. \_\_\_\_\_ is an ash-like substance that is formed when a magnesium ribbon burns in the presence of oxygen.

a. magnesium oxide

b. magnesium chloride

c. magnesium sulphate

8. The name of white precipitate that is formed when solutions of silver nitrate and sodium chloride are mixed.

a. silver oxide

b. silver chloride

c. silver sulphate

9. The name of a gas formed when a pinch of baking soda is added to some vinegar.

a. nitrogen oxide

b. carbon monoxide

c. carbon dioxide

10. When an iron nail is left in a copper sulphate solution for some time, the solution turns green due to the formation of \_\_\_\_\_.

a. iron sulphate

b. iron oxide

c. iron chloride