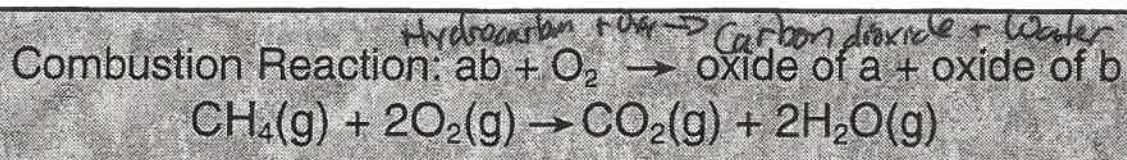
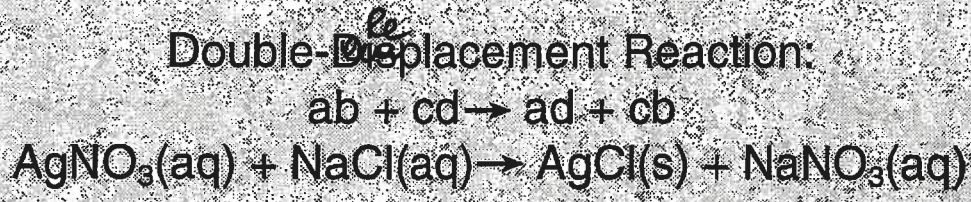
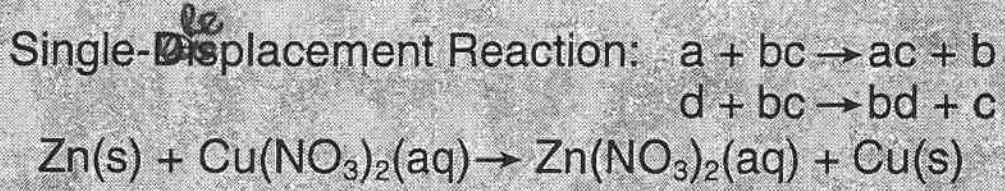
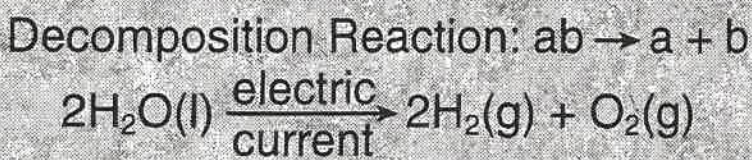
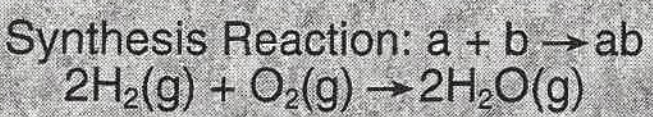


17 Types of Chemical Reactions

Use with Chapter 6, Section



Name _____

Date _____ Class _____

17 Types of Chemical Reactions

Use with Chapter 6, Section 6.2

1. Describe the type of process occurring in a synthesis reaction.

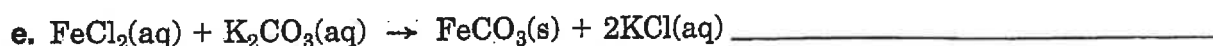
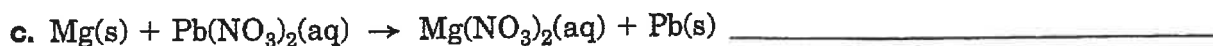
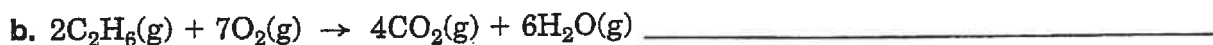
2. Describe the type of process occurring in a decomposition reaction.

3. Describe the type of process occurring in a single-displacement reaction.

4. Describe the type of process occurring in a double-displacement reaction.

5. Describe the type of process occurring in a combustion reaction.

6. Classify each of the following reactions according to type.



PREDICTING PRODUCTS OF CHEMICAL REACTIONS

Name _____

(36)

Predict the products of the reactions below. Then, write the balanced equation and classify the reaction.

* Acid Formulas are listed on table K

1. magnesium bromide + chlorine

2. aluminum + iron (III) oxide

3. silver nitrate + zinc chloride

4. hydrogen peroxide (forms)

* 5. zinc + hydrochloric acid

* 6. sulfuric acid + sodium hydroxide

7. sodium + hydrogen

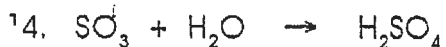
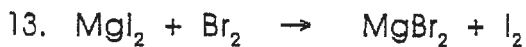
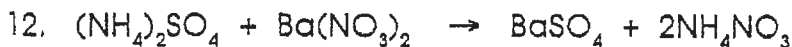
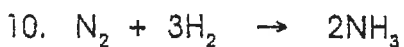
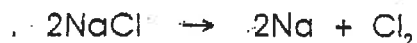
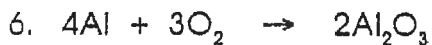
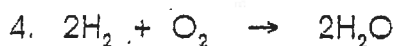
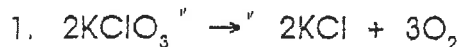
* 8. acetic acid + copper

* Acid Formulas are listed on table K

CLASSIFYING CHEMICAL REACTIONS

Name _____

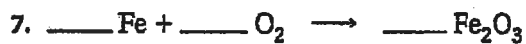
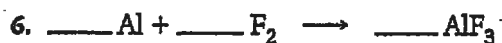
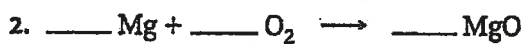
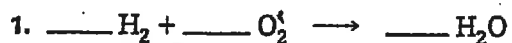
Classify the following reactions as synthesis, decomposition, single replacement or double replacement.

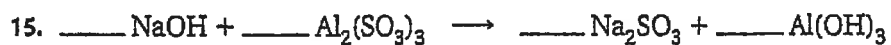
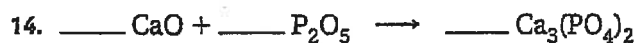
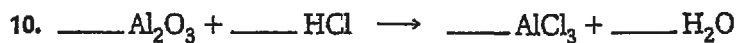
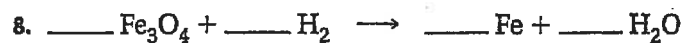


Unit 2

C.2 SUPPLEMENT: BALANCING EQUATIONS

Balance the following equations.



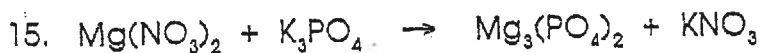
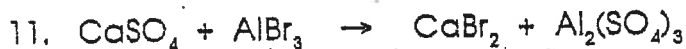
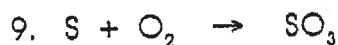
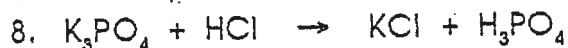
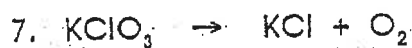
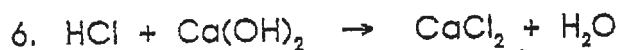
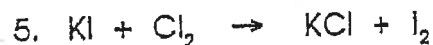
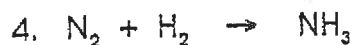
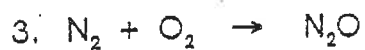
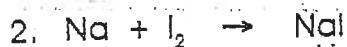
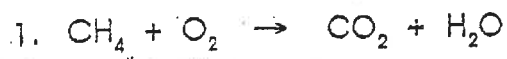


BALANCING EQUATIONS

Name _____

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Balance the following chemical equations.

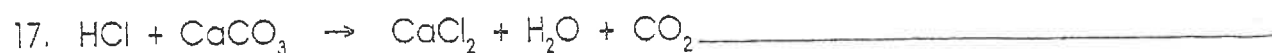
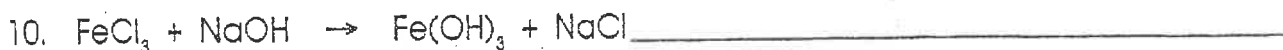
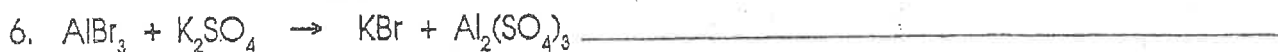
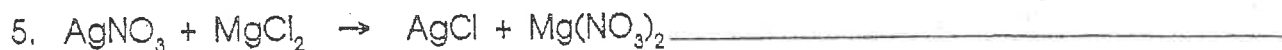


BALANCING CHEMICAL EQUATIONS

Name _____

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Rewrite and balance the equations below.

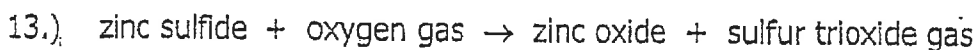
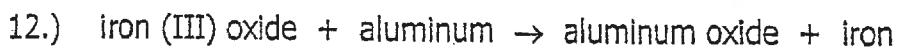
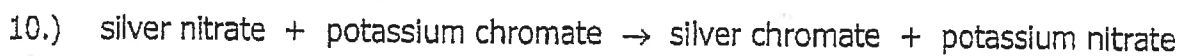
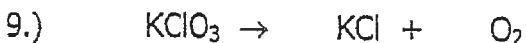
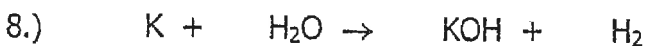
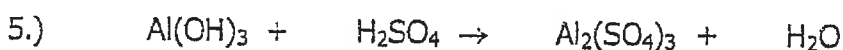
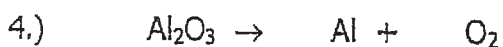
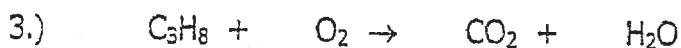
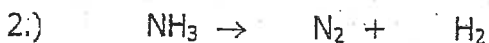


Name: _____

Date: _____

13

Balance the following equations:



Regents Chemistry: Chemical Equations #2

Name: _____

Date: _____

15

