



Name _____ Class _____ Date _____

Match each of the following terms to its definition:

Molecule

Exothermic

Decomposition reaction

Conservation of mass

Endothermic

Diatomic molecule

Physical change

Double replacement reaction

1. _____ - matter is not created or destroyed in a chemical reaction; the mass of the reactants must equal the mass of the products

mass of reactants = mass of products



2. _____ - a chemical reaction in which a compound is broken down into simpler compounds or elements

3. _____
hydrogen
diatomic

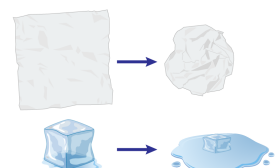
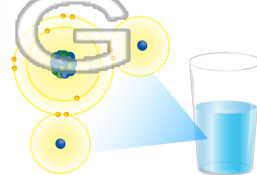
4. _____
ions; pro

5. _____
surround

6. _____ - a chemical reaction that releases energy to the surroundings; burning wood is an exothermic reaction

7. _____ - the smallest unit of a substance made from a combination of elements

8. _____ - a change in which the appearance of a substance changes but its chemical properties remain unchanged; cutting paper is a physical change





Name _____ Class _____ Date _____

Match each of the following terms to its definition:

Molecule

Exothermic

Decomposition reaction

Conservation of mass

Endothermic

Diatomic molecule

Physical change

Double replacement reaction

1. conservation of mass - matter is not created or destroyed in a chemical reaction; the mass of the reactants must equal the mass of the products

mass of reactants = mass of products



2. decomposition reaction - a chemical reaction in which a compound is broken down into simpler compounds or elements

3. diatomic element; are diatomic

4. double displacement

5. endothermic surrounds

6. exothermic - a chemical reaction that releases energy to the surroundings; burning wood is an exothermic reaction

7. molecule - the smallest unit of a substance made from a combination of elements

8. physical change - a change in which the appearance of a substance changes but its chemical properties remain unchanged; cutting paper is a physical change

PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

