

Physical and Chemical Change Worksheet

True or False. If false, correct the underlined portion of the statement so that it is true.

1. A physical change is a change of matter from one form to another without a change in chemical properties.

TRUE

2. A physical change is a change that occurs when a substance changes composition by forming one or more new substances.

FALSE-CHEMICAL CHANGE

3. Color change is evidence that a chemical change may have occurred.

TRUE

4. Fizzing or foaming is evidence that a chemical change may have occurred.

TRUE

5. Production of light is evidence that a physical change may have occurred.

FALSE- CHEMICAL CHANGE

6. Production of heat or light is evidence that a chemical change may have occurred.

TRUE

7. A change in odor is evidence that a physical change may have occurred.

FALSE- CHEMICAL CHANGE

8. Chemical changes can be reversed by physical changes.

FALSE- CHEMICAL CHANGES CANNOT BE REVERSED

Identify each of the following as either a Physical change (P) or a chemical change (C).

1. You **cut** your hair. **P**
2. Making a peanut, pretzel and cereal **mixture**. **P**
3. Baking soda **reacts** with vinegar and forms a gas. **C**
4. A piece of metal is **bent** in half. **P**
5. An aspirin is **crushed** into fine powder. **P**
6. Copper **turns green** when exposed to the environment. **C**
7. Two clear liquids are mixed and a yellow **color forms**. **C**
8. **Baking** cookies. **C**
9. Diamonds are used to **scratch** glass. **P**
10. A tree **burns** to form ashes. **C**
11. A piece of paper is **crumpled** up. **P**
12. Water **freezes** to form ice. **P**
13. Food **spoiling**. **C**
14. A candle **burning**. **C**
15. A candle **melting**. **P**