

Name: \_\_\_\_\_ Date: \_\_\_\_\_

### 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.
2. A physical change is a change that occurs when a substance changes composition by forming one or more new substances.
3. Color change is evidence that a chemical change may have occurred.
4. Fizzing or foaming is evidence that a chemical change may have occurred.
5. Production of light is evidence that a physical change may have occurred.
6. Production of heat or light is evidence that a chemical change may have occurred.
7. A change in odor is evidence that a physical change may have occurred.
8. Chemical changes can be reversed by physical changes.

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

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