

Name _____ Date _____

PHYSICAL AND CHEMICAL CHANGE

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

A piece of paper is crumpled up. _____

Water freezes to form ice. _____

Baking soda reacts with vinegar and forms a gas. _____

You cut your hair. _____

Making a peanut, pretzel and cereal mixture. _____

Two clear liquids are mixed and a yellow color forms. _____

Baking cookies. _____

Diamonds are used to scratch glass. _____

Food spoiling. _____

A candle burning. _____

A candle melting. _____

A tree burns to form ashes. _____

A piece of metal is bent in half. _____

An aspirin is crushed into fine powder. _____

Copper turns green when exposed to the environment. _____

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

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

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

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

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

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