

Name: _____

Physical Changes in Matter

Physical changes in matter occur when the matter changes the way it looks, without becoming a new kind of matter.

Directions: Circle the examples of items that changed physically.

clay rolled into a
ball

wood that's been
chopped

broken glass

ice melted

fried egg

paper that has
been cut

burned wood

rusted iron

fireworks
exploded

a crushed can

food spoiled

folded clothes

Directions: Give an example where each property of matter has changed.

size

shape

weight

color

Name: _____

Chemical Changes in Matter

Chemical changes in matter occur when the matter changes into something new. The change cannot be reversed.

Directions: Circle the examples of items that changed chemically.

wood that's been
chopped

clay rolled into a
ball

food spoiled

a crushed can

mixed baking soda
and vinegar (make
a volcano erupt)

fried egg

fireworks
exploded

burned wood

rusted nail

broken glass

Mentos dropped in
soda

paper that has
been cut

Directions: Give an example where matter has been changed chemically by the following.

heat

air

water

mixing
substances

Which Change?

Name _____ Date: _____

Directions: Determine if the change described is a physical change or chemical change.

1. A new substance is not produced.

2. Two liquids react with each other and a solid is formed.

3. Liquid water freezes into solid water.

4. One or more new substances are created.

5. Food rots, causing it to change color and begin to smell.

6. The change that occurs to a substance is reversible.

7. A piece of paper is folded and then unfolded and crumped into a ball.

8. A gas in the form of bubbles is released.
