#### PHYSICAL AND CHEMICAL PROPERTIES AND CHANGES

Name \_\_\_\_Key\_\_\_\_

#### PHYSICAL PROPERTY

- 1, observed with senses
- 2. determined without destroying matter

#### CHEMICAL PROPERTY

- indicates how a substance reacts with something else
- matter will be changed into a new substance after the reaction

#### Identify the following as a chemical (C) or physical property (P):

- P\_1. blue color
- P 2. density
- C 3. flammability (burns)
- P 4. solubility (dissolves)
- C 5. reacts with acid
- C 6. supports combustion
- P 7. sour taste

- P 8. melting point
- C 9. reacts with water
  - P 10. hardness
  - P\_11. boiling point
  - p 12. luster
- P 13. odor
- C 14. reacts with air

#### PHYSICAL CHANGE

- 1. a change in size, shape, or state
- 2. no new substance is formed

#### CHEMICAL CHANGE

- a change in the physical and chemical properties
- 2. a new substance is formed

#### Identify the following as physical (P) or chemical (C) changes.

- P 1. NaCl (Table Salt) dissolves in water.
- C 2. Ag (Silver) tarnishes.
- p 3. An apple is cut.
- P 4. Heat changes H<sub>2</sub>O to steam.
- C 5. Baking soda reacts to vinger.
- C 6. Fe (Iron) rusts.
- P 7. Alcohol evaporates .
- P 8. Ice melts.

- C 9. Milk sours.
  - P 10. Sugar dissolves in water.
- C 11. Wood rots.
- P 12. Pancakes cook.
- C 13. Grass grows.
- P 14. A tire is inflated.
- C 15. Food is digested.
- P 16. Paper towel absorbs water.

# **Answer Key Physical Chemical Properties Changes**

**Disha Experts** 

# **Answer Key Physical Chemical Properties Changes:**

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