

PHYSICAL PROPERTY

1. observed with senses
2. determined without destroying matter

CHEMICAL PROPERTY

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

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

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

8. melting point P
9. reacts with water C
10. hardness P
11. boiling point P
12. luster P
13. odor P
14. reacts with air C

PHYSICAL CHANGE

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

CHEMICAL CHANGE

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

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

1. NaCl (Table Salt) dissolves in water. P
2. Ag (Silver) tarnishes. C
3. An apple is cut. P
4. Heat changes H₂O to steam. P
5. Baking soda reacts to vinger. C
6. Fe (Iron) rusts. C
7. Alcohol evaporates. P
8. Ice melts. P

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