

PHYSICAL AND CHEMICAL PROPERTIES

Name _____ Date _____

PHYSICAL PROPERTY

1. observed with senses
2. describes

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. Milk turns sour when acid is added | _____ 8. melting point of ice is 0°C |
| _____ 2. Hydrogen is a colourless gas | _____ 9. Wood turns to ash when burned |
| _____ 3. Diamond is hardest substance known | _____ 10. Oxygen supports combustion |
| _____ 4. Sodium is a soft metal | _____ 11. The caramel smells sweet |
| _____ 5. Mercury has a density of 13 600 kg/m ³ | _____ 12. The coin is shiny |
| _____ 6. Silver reacts readily with nitric acid | _____ 13. Salt is a crystal |
| _____ 7. The lemon tastes sour taste | _____ 14. sodium reacts with air |