

### Physical and Chemical Properties Worksheet

#### Multiple Choice

*Identify the letter of the choice that best completes the statement or answers the question.*

- 1. ( **Physical or Chemical** ) properties describe matter.  
a. physical    b. chemical
- 2. ( **Physical or Chemical** ) properties of a substance can be observed.  
a. physical    b. chemical
- 3. One can use their five senses to determine the ( **Physical or Chemical** )  
properties of a substance.  
a. physical    b. chemical
- 4. ( **Physical or Chemical** ) properties usually describe how a substance reacts.  
a. physical    b. chemical
- 5. ( **Physical or Chemical** ) properties are not as easy to observe.  
a. physical    b. chemical
- 6. ( **Physical or Chemical** ) properties can be used to identify substances.  
a. physical    b. chemical

#### Matching

- a. Physical Property    b. Chemical Property
- 7. Oxygen is odorless and colorless
- 8. Copper turns green when exposed to the environment
- 9. The piece of metal is magnetic
- 10. The density of water is 1.0 gram per cubic centimeter
- 11. Diamonds are a very hard substance
- 12. The tree is 8 meters high
- 13. Sodium reacts very easily with other elements.
- 14. Copper conducts electricity
- 15. Water is a liquid
- 16. The mass of the NaCl sample is 30 grams
- 17. Gold is nonflammable
- 18. Alka-Seltzer tablets react with water to produce gas
- 19. The color of the ball is red
- 20. Iron reacts with oxygen and forms rust