

Guiding Questions Worksheet

Physical and Chemical Properties & Changes

1. What is a physical property? Give three examples. (p.25)

2. What is a chemical property? Give three examples. (p.25)

3. What is a physical change? Give three examples. (p.27)

4. What is a chemical change (also called a chemical reaction)? Give three examples. (pp.28-29)

5. What is a chemical equation? What are the chemicals on the left side of the equation called? What are the chemicals on the right side of the equation called? (p.28)

6. Classify each of the following as a physical property (PP), physical change (PC), chemical property (CP) or chemical change (CC).
 - a. tearing paper:
 - b. boiling water:
 - c. color:
 - d. burning paper:
 - e. chopping or cutting wood:
 - f. ability of wood to burn:
 - g. dissolving sugar in water:
 - h. rusting iron:
 - i. tarnishing silver
 - j. density or mass
 - k. size or shape
 - l. whether or not sodium reacts with water:
 - m. ability of an antibiotic to kill germs
 - n. cooking food
 - o. spoiling meat