



Name: _____
Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet Physical Change

Instruction.

Circle the letter of the correct answers.

1. Which of the following describes a physical change?
a. A physical change occurs with the presence of heat and oxygen.
b. A physical change occurs in mixtures that react chemically.
c. A physical change is a change in form, size, and shape.
d. A physical change does not involve phase change.
2. Which does NOT show a physical change in matter?
a. dissolving sugar in water b. crushing of ice c. cooking a meal d. melting of butter
3. Physical change involves phase transformation. Which process is being described when ice cream is placed in the refrigerator?
a. burning b. condensation c. freezing d. Melting
4. Cutting of hair shows a physical change. What physical property of the hair is changed when cut?
a. color b. odor c. shape d. Size
5. Which situation does NOT show a physical change?
a. grinding the ice cubes b. formation of dew c. crumpling a paper d. rusting of a car
6. Which of the following does NOT describe a physical change?
a. A physical change occurs in mixtures that do not react chemically.
b. A physical change occurs with the presence of heat and oxygen.
c. A physical change is a change in form, size, and shape.
d. A physical change involves phase change.
7. Which of the following shows a physical change in matter?
a. burning of a candle b. melting of butter c. souring of milk d. rusting of iron
8. Physical change involves phase transformation. Which process does NOT involve phase change?
a. burning b. freezing c. melting d. vaporizing
9. Pounding chalk shows a physical change. What physical property of the chalk is changed when it is pounded?
a. color b. composition c. odor d. Size
10. Which of the following is NOT an example of physical change?
a. Water vapor in the atmosphere transforms into clouds.
b. A bar of clay is molded into different shapes.
c. A rock is broken into pieces.
d. An egg is boiled.