

Name: _____

Date Started: _____ Date Completed: _____ Score: _____

Learning Activity Sheet
Properties of Matter

A. Read and answer each item carefully. Encircle the letter of the correct answer.

1. Why is aluminum commonly used in making cans?

- A. It is ductile.
- B. It is malleable.
- C. It is very cheap.
- D. It has high density.

2. What property is shown when oil flows slower than water?

- A. cohesion
- B. density
- C. pressure
- D. viscosity

3. What is the term used to describe the ability of a liquid to flow?

- A. cohesion
- B. density
- C. fluidity
- D. viscosity

4. How would you describe the movement of the particles of a solid material?

- A. They are at rest.
- B. They are moving fast.
- C. They are not moving.
- D. They are moving slowly.

5. Which of the following statements describes the movement of the particles of gases?

- A. They are not moving.
- B. They are moving rapidly.
- C. They are at rest.
- D. They just vibrate in their places.

6. Which of the following states of matter has the most compact arrangement of particles?

- A. gas
- B. liquid
- C. plasma
- D. solid

7. What property of metallic solid is exhibited by copper which is used to transport electricity?
- A. conductivity
 - B. density
 - C. ductility
 - D. malleability
8. Which of the following states of matter is the least dense based on the arrangement of its particles?
- A. fluid
 - B. gas
 - C. liquid
 - D. solid
9. Which of the following properties is increased in order to produce or create water vapor out of liquid water?
- A. density
 - B. fluidity
 - C. temperature
 - D. viscosity
10. What property is exhibited by water when it moves up from the roots to the branches and leaves of a plant to provide nutrients for it?
- A. adhesion
 - B. capillary action
 - C. fluidity
 - D. viscosity

B. Explain how the behavior of the particles of solids, liquids, and gases relates to their properties. Write your answers on the space provided below.
