



States of Matter

Listen to Dr. Hacen

Objective: Identify the various states of matter.



Name: _____

States of Matter

Date: _____

1. What are the four states of matter discussed in this lesson?

- a. _____
- b. _____
- c. _____
- d. _____

2. The two forms of energy used to change these phases from one to another are:

- a. _____
- b. _____

3. What causes a liquid to fill the bottom of a container first?

4. Give an example of the state or phase "Plasma".

5. When a solid changes to a gas without going through the liquid phase, it is called what?

6. Give an example of a substance that sublimates. _____ Or _____

7. The heat required to change a:
- a. Liquid to a gas is called _____
 - b. Gas to a liquid is called _____
8. What are the following temperatures at sea level on a standard day?
- a. Freezing point of water _____ °C or _____ °F
 - b. Boiling point of water _____ °C or _____ °F
9. The following states of matter are considered "Fluids":
- a. _____
 - b. _____
10. Define "Matter": _____
- a. What is a non---scientific word for Matter?

 - b. Which of the states of matter has the molecules closest together?

