

Name _____

Matter Matters: Exploring Solids, Liquids, and Gases

Multiple Choice Questions

1. What is one key characteristic of solids?
 - a) They have no definite volume.
 - b) They take the shape of their container.
 - c) They have closely packed particles with a definite shape and volume.
 - d) They flow easily.

2. Which state of matter takes the shape of its container and has a definite volume?
 - a) Solids
 - b) Liquids
 - c) Gases
 - d) None of the above

3. What is a common property of gases?
 - a) They have a definite shape.
 - b) They are very dense.
 - c) Their particles are tightly packed.
 - d) They take the shape of their container and have widely spaced particles.

4. Which state of matter has particles that move freely in all directions?
 - a) Solids
 - b) Liquids
 - c) Gases
 - d) None of the above

5. What is a phase change?
 - a) A change in shape
 - b) A change in temperature
 - c) A change in the state of matter
 - d) A change in volume

