

Section Review

Three States of Matter

USING KEY TERMS

1. Use each of the following terms in a separate sentence: *viscosity* and *surface tension*.

UNDERSTANDING KEY IDEAS

- _____ 2. One property that all particles of matter have in common is they
- a. never move in solids.
 - b. only move in gases.
 - c. move constantly.
 - d. None of the above
3. Describe solids, liquids, and gases in terms of shape and volume.

CRITICAL THINKING

4. **Applying Concepts** Classify each substance according to its state of matter: apple juice, bread, a textbook, and steam.

5. **Identifying Relationships** The volume of a gas can change, but the volume of a solid cannot. Explain why this is true.

Section Review *continued*

INTERPRETING GRAPHICS

Use the drawing below to answer the questions that follow.



6. Identify the state of matter shown in the jar.

7. Discuss how the particles in the jar are attracted to each other.
