

## Chapter 3 States of Matter

### WordWise

Answer the questions by writing the correct vocabulary term in the blanks.  
Use the circled letter in each term to find the hidden vocabulary word. Then,  
write a definition for the hidden word.

#### Clues

What is the process that changes a substance from a liquid to a gas below the substance's boiling point?

Which gas law states that the volume of a gas is directly proportional to its temperature?

What is the phase change in which a substance changes directly from a gas to a solid?

In what state does matter have both a definite shape and a definite volume?

What is the phase change in which a substance changes from a gas to a liquid?

What is the phase change in which a substance changes directly from a solid to a gas?

During what type of phase change does a substance release energy to its surroundings?

During what type of phase change does a substance absorb energy from its surroundings?

#### Vocabulary Terms

\_\_\_\_\_ Q \_\_\_\_\_

\_\_\_\_\_ Q \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_ Q \_\_\_\_\_

Q \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_ Q \_\_\_\_\_

\_\_\_\_\_ Q \_\_\_\_\_

\_\_\_\_\_ \_\_\_\_\_ Q \_\_\_\_\_

Q \_\_\_\_\_

**Hidden Term:** \_\_\_\_\_

**Definition:** \_\_\_\_\_

\_\_\_\_\_