Name _____ Date _____ Class _____

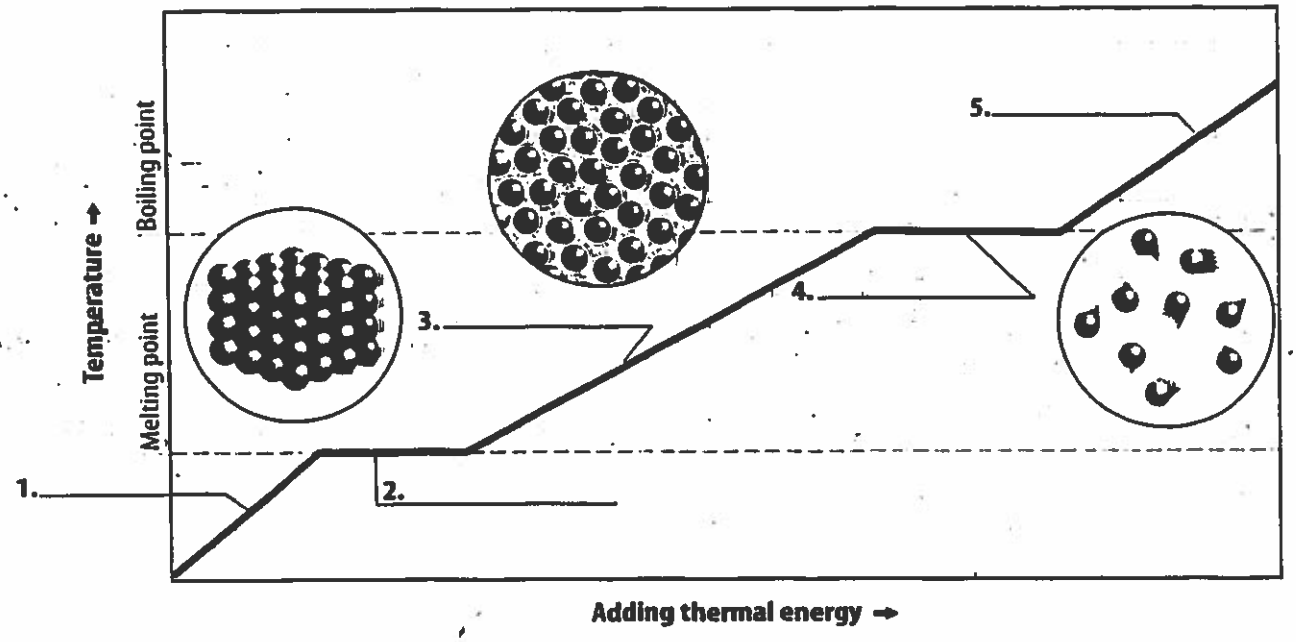
Key Concept Builder **LESSON 3**

Physical Changes

Key Concept How can a change in energy affect the state of matter?

Directions: *Label this diagram by writing the correct term from the word bank on each line. Each term is used only once.*

boiling **gas** **liquid** **melting** **solid**



Directions: *Use the diagram to answer each question or respond to each statement on the lines provided.*

6. **Write** a title for the graph.

_____

7. What happens to a solid when it melts?

_____

_____

8. What happens to a liquid when it boils?

_____

_____

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Name _____ Date _____ Class _____

Content Practice B

LESSON 3

Physical Changes

Directions: *On each line, write the term from the word bank that correctly completes each sentence. Some terms may be used more than once.*

shape **size** **state of matter**

1. Folding clothes is a change in _____.

2. Splitting firewood is a change in _____ and _____.

3. Melting a candle is a change in _____ and _____.

4. Freezing water is a change in _____.

5. Pouring juice from a bottle into a glass is a change in _____.

6. Cutting an apple in half is a change in _____ and _____.

Directions: *Answer each question or respond to each statement on the lines provided.*

7. Give an example of a physical change in matter.

_____

8. Does the identity of matter change during a physical change? Explain.

_____

_____

9. Does the total mass of matter change when it goes through a physical change? Explain.

_____

_____

_____

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