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.

S	hape	size	state of matter	
1.	Folding clothes	is a change in	·	
	Splitting firewo		e in	
	Melting a cand		in	
4.	Freezing water	is a change in	·	
5.	Pouring juice fi	rom a bottle int	to a glass is a change in	·
	Cutting an appl		hange in	
Direc	ctions: Answer eac	ch question or re	spond to each statement on the lines provided.	
7.	Give an examp	le of a physica	l change in matter.	
8.	Does the identi	ty of matter ch	ange during a physical change? Explain.	
9.	Does the total r	mass of matter	change when it goes through a physical change? Explain.	

Key Concept Builder

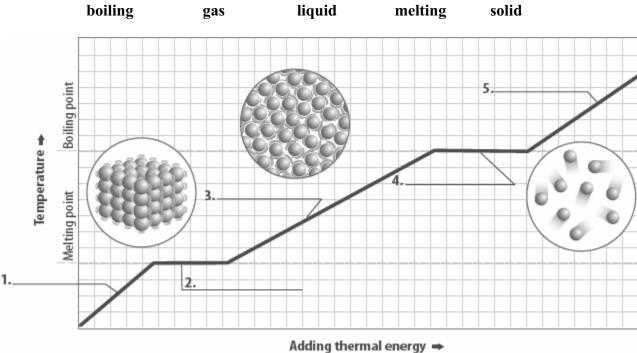


LESSON 3

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.



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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LESSON 3

Class ___

Physical Changes

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

Directions: Answer each question or respond to each statement in the space provided.

Question	Answer
How can you change the state of matter?	
Describe the movement of particles when thermal energy is added to a solid.	
3. What is the melting point of matter?	
4. What is the boiling point of matter?	
5. What is sublimation?	
Describe the movement of particles when thermal energy is removed from a gas.	
7. What is condensation?	
8. What is freezing?	
9. What is deposition?	

Name	Date	Class

Key Concept Builder

LESSON 3

Physical Changes

Key Concept What happens when something dissolves?

Directions: On each line, write the term from the word bank that correctly completes each sentence. Some terms may be used more than once or not at all.

	boil	dissolve	easy	freeze
	hard	physical change	physical property	salt water
1.	. To	means	to form a solution by mixing e	evenly.
2.	Dissolving is a(because the identities	of the substances
3.	substance.	is an exam	nple of a solution that contains	a dissolved
4.	Like many phys	sical changes, dissolving is	s usually	to reverse.
	If you vapor, leaving t	·	lt water, the liquid water will c	change into water

Directions: In the space provided, draw a diagram showing how the salts in salt water can be separated from the water.