

Write the word for each clue. Fill in the missing numbers in the table. Then decode the message.

a	b	c	d	e	f	g	h	i	j	k	l	m
	26	4		8	25		13		6	14		

n	o	p	q	r	s	t	u	v	w	x	y	z
7						17			10	5	12	24

takes the shape of its container

20 23 3 2 23 16

water in the form of a gas

15	11	1	18	22
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amount of matter in an object

<u>19</u>	<u>11</u>	<u>21</u>	<u>21</u>
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fills all the space of its container

9	11	21
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11	16	11	12	11	17	17	13	8
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26	8	11	4	13	23	21	11
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20 11 2 9 13 23 7 9 19 11 17 17 8 22 !

Vocabulary Review

Use the terms in the box to complete the sentences.

condensation
matter
water vapor

1. The change of water from a gas to a liquid is _____.
2. Water in the form of a gas is _____.
3. Anything that has mass and takes up space is _____.

Science Concepts

Fill in the letter of the choice that best answers the question.

4. Taylor sees a balloon filled with air. She knows that the air in the balloon is a gas. How does she know?
Ⓐ The air is warm.
Ⓑ The air fills all the space in the balloon.
Ⓒ The air has its own shape.
5. What happens to water when it freezes?
Ⓐ It becomes a gas.
Ⓑ It becomes a liquid.
Ⓒ It becomes a solid.

6. What is the greatest volume this measuring cup can hold?



- Ⓐ $\frac{1}{2}$ cup
- Ⓑ 1 cup
- Ⓒ 4 cups

7. Which is a solid?

- Ⓐ a cloud
- Ⓑ a penny
- Ⓒ a puddle

8. How is the water changing?

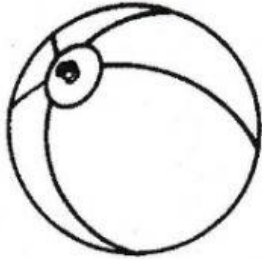


- Ⓐ It is melting.
- Ⓑ It is evaporating.
- Ⓒ It is condensing.

9. Which word tells the amount of space matter takes up?

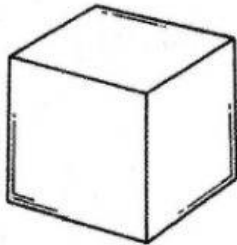
- Ⓐ mass
- Ⓑ solid
- Ⓒ volume

10. Look at the properties of this object.



Which of these objects has about the same shape and texture?

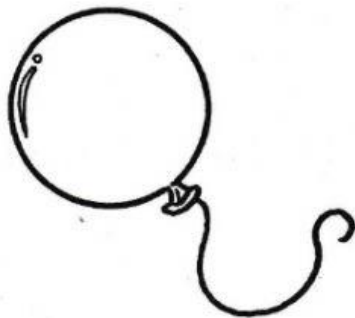
(A)



(B)



(C)



11. How does matter change when it melts?

- (A) It turns from a liquid to a gas.
- (B) It turns from a solid to a liquid.
- (C) It turns from a liquid to a solid.

12. Which is true about all liquids?

- (A) All liquids take the shape of their container.
- (B) All liquids have their own shape.
- (C) All liquids are cold.