

Reversible Changes in Matter

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Understanding States of Matter

Name: _____

Date: _____

Answer the following questions about how matter can change states.

1. Solids can melt into ____.
2. What happens when a liquid freezes?
 - A. It becomes a solid
 - B. It becomes a gas
 - C. It stays a liquid
3. Gases can change back into liquids.
 True False
4. How does temperature affect the state of water?

5. What is one way that liquids can change?
 - A. They can evaporate into gases
 - B. They can become solids instantly
 - C. They cannot change at all
6. ____ is a time for every purpose under heaven.
7. What did we observe with the ice cubes in class?

8. Matter cannot change states.
 True False
9. What happens to a gas when it cools down?
 - A. It turns into a solid
 - B. It condenses into a liquid
 - C. It disappears
10. Why do you think God made matter flexible?

Answer Key

1. liquids 2. It becomes a solid 3. True 4. It can make water freeze or melt. 5. They can evaporate into gases 6. There 7. The ice cubes melted and then refroze. 8. False 9. It condenses into a liquid 10. To show His incredible design and purpose.