

Temperature Changes Matter Review

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Understanding Heat and Temperature

Name: _____

Date: _____

Answer the following questions based on what you learned about how temperature affects matter.

1. Heating can make solids turn into ____ when they melt.
2. What happens to ice when it gets warm?
 - A. It melts
 - B. It freezes
 - C. It stays the same
3. What is one way temperature can change matter?

4. Cooling can make liquids freeze.
 True False
5. What do we call the process when a liquid turns into gas?
 - A. Evaporation
 - B. Condensation
 - C. Freezing
6. When water vapor cools, it turns back into ____ through condensation.
7. How does temperature affect different substances?

8. God's design of temperature and matter transformation is random.
 True False
9. What do we observe when water boils?
 - A. It freezes
 - B. It evaporates
 - C. It melts
10. What is one example of matter changing due to temperature?

Answer Key

1. liquids 2. It melts 3. It can make ice melt into water. 4. True 5. Evaporation 6. liquid 7. It can change them from solid to liquid or gas. 8. False 9. It evaporates 10. Ice melting into water.