

# Understanding Particle Movement

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## Review Questions on States of Matter

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the questions below based on what you learned about how particles move in solids, liquids, and gases.

1. In solids, particles \_\_\_\_ but stay close together.
2. Which state of matter allows particles to slide past each other?
  - A. Solid
  - B. Liquid
  - C. Gas
3. Gas particles move slowly and stay close together.  
 True     False
4. What is one way temperature can change how particles behave?  
\_\_\_\_\_  
\_\_\_\_\_
5. God created each part of His creation with \_\_\_\_ design and purpose.
6. Which state of matter seemed most fun to act out during the charade?
  - A. Solid
  - B. Liquid
  - C. Gas
7. Liquid particles are able to spread out quickly.  
 True     False
8. What did you learn about how particles move?  
\_\_\_\_\_  
\_\_\_\_\_
9. Your works are wonderful, my soul knows that very well. This is from \_\_\_\_ 139:14.
10. What do solid particles do?
  - A. Vibrate
  - B. Slide
  - C. Spread out

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### Answer Key

1. vibrate    2. Liquid    3. False    4. It can make them move faster or slower.    5. intentional    6. Gas    7. False    8. Particles move differently in solids, liquids, and gases.    9. Psalm    10. Vibrate