

# Understanding States of Matter

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Review of Solids, Liquids, and Gases

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

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

Answer the following questions about the different states of matter.

1. Solids keep their own \_\_\_\_.
2. What happens when you pour water into a cup?
  - A. It stays the same shape
  - B. It takes the shape of the cup
  - C. It disappears
3. Gases take the shape of their container.  
 True     False
4. What is one way solids are different from liquids?  
\_\_\_\_\_  
\_\_\_\_\_
5. Which state of matter spreads out to fill all available space?
  - A. Solid
  - B. Liquid
  - C. Gas
6. Liquids take the shape of their \_\_\_\_.
7. Which state of matter was most interesting to you?  
\_\_\_\_\_
8. Solids can change shape easily.  
 True     False
9. What did we learn about how God helps us understand matter?
  - A. He created all matter
  - B. He makes solids only
  - C. He helps us forget
10. In Colossians 1:17, it says that in Him all things \_\_\_\_ together.

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## Answer Key

1. shape    2. It takes the shape of the cup    3. True    4. Solids keep their shape while liquids take the shape of their container.    5. Gas    6. container    7. I found gases interesting because they spread out.    8. False    9. He created all matter    10. hold