

Matter Properties Review

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Understanding Solids, Liquids, and Gases

Name: _____

Date: _____

Answer the following questions about the properties of matter.

1. Solids have a ___ shape and volume.
2. Which state of matter takes the shape of its container?
 - A. Solid
 - B. Liquid
 - C. Gas
3. Name one example of a solid.

4. Gases have a fixed volume.
 True False

5. Gases have no fixed ___ or volume.

6. What is the property of liquids?
 - A. Fixed shape
 - B. Takes the shape of the container
 - C. No volume

7. How do gases move differently compared to solids?

8. Colossians 1:17 tells us that God holds all things together.
 True False

9. Why is understanding states of matter important?

10. Which property is true for all states of matter?
 - A. They all have mass
 - B. They all have fixed shape
 - C. They all have no volume

Answer Key

1. fixed 2. Liquid 3. Rock 4. False 5. shape 6. Takes the shape of the container 7. Gases spread out and fill the space, while solids stay in one place. 8. True 9. It helps us observe and understand our world. 10. They all have mass