Name: _____ Date: _____ Period: ____

Comparing Solids

1. **What are solids?**

2. **What two examples of solids does the author compare and contrast?**

3. **Read these sentences from the text.**
   "Solids are a kind of matter. They are things that have their own shape. They do not flow like liquids do. You can see and touch solids. You can describe a solid by its properties. Some of those properties are color, shape, size, and texture. "Bowling balls and tennis balls are both solids."
   Based on this evidence, what conclusion can you draw about bowling balls and tennis balls?

4. **Which property of bowling balls and tennis balls would help you most in telling them apart?**

5. **What is the main idea of this article?**

6. **Read these sentences from the text.**
   "You can describe a solid by its properties. Some of those properties are color, shape, size, and texture."
   Based on these sentences, what are "properties?"

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7. **Choose the answer that best completes this sentence.**
   Tennis balls and bowling balls are both round, ____ bowling balls are much bigger.

8. **What are solids?**

9. **What are solids compared with in this article?**

10. **Read this paragraph from the article.**
    "Liquids do not keep their shape. A liquid can be poured into a container and will take the container's shape. Some examples of liquids are water and milk."
    What can be concluded about the shape of water and milk from this information?

11. **What is true about the similarities and differences of solids and liquids?**

12. **What is the main idea of this article?**

13. **Read these sentences from the text.**
    "Solids and liquids have something in common. They are both states of matter."
    What does it mean that solids and liquids "have something in common"?

14. **Choose the answer that best completes this sentence.**
    Solids do not flow, _____ liquids do.

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