

**TEST NAME: Unit 1: QZ02 - States & Properties of Matter (u1qz2)) (COPY) (COPY)**  
**TEST ID: 659429**  
**GRADE: 06**  
**SUBJECT: Life and Physical Sciences**  
**TEST CATEGORY: My Classroom**

Student: \_\_\_\_\_

Class: \_\_\_\_\_

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

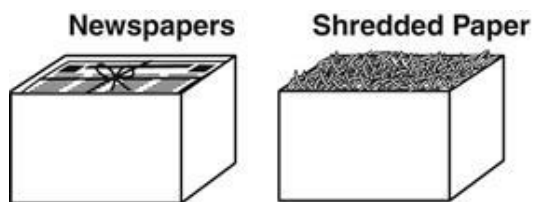
1. The distance between atoms is often affected by temperature. The diagrams show water at three different temperatures.



Which order of the diagrams indicates DECREASING distance between atoms?

- A. 1, 2, 3  
B. 2, 3, 1  
C. 3, 2, 1  
D. 1, 3, 2
2. When the wax from a candle drips, the wax has reached
- A. its boiling point.  
B. its melting point.  
C. a chemical change.  
D. a physical change.
3. When water is changed from a liquid to a gas, what occurs?
- A. The atoms lose electrons.  
B. A new compound is formed.  
C. Molecules spread farther apart.  
D. Hydrogen is separated from oxygen.
4. Scott filled a tray with juice and put it in a freezer. The next day, Scott opened the freezer. How did the juice most likely change?
- A. It condensed.  
B. It evaporated.  
C. It became a gas.  
D. It became a solid.

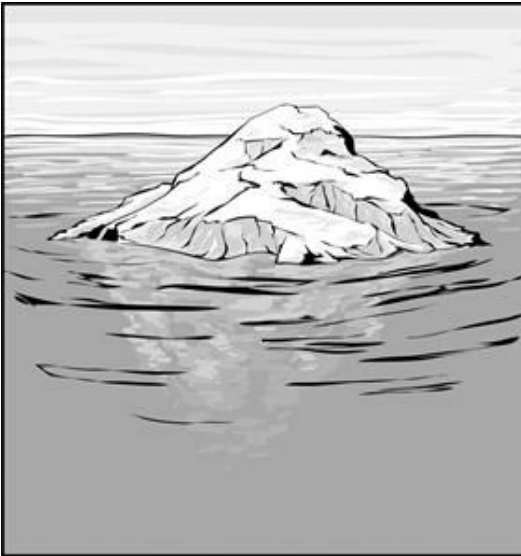
5. **When water changes from a liquid to a gas and then the steam condenses back to the liquid form, these types of changes are**
- A. physical.
  - B. chemical.
  - C. electrical.
  - D. mechanical.
6. **A salvage yard contains a mixture of iron, glass, aluminum, and plastic. Which property of iron does the salvage yard take advantage of when separating the iron from the rest of the materials?**
- A. magnetic
  - B. electrical
  - C. ductility
  - D. malleability
7. **A student has two identical boxes. The student fills one box with bundled newspapers and the second box with shredded paper.**



**Which statement about the boxes is most accurate?**

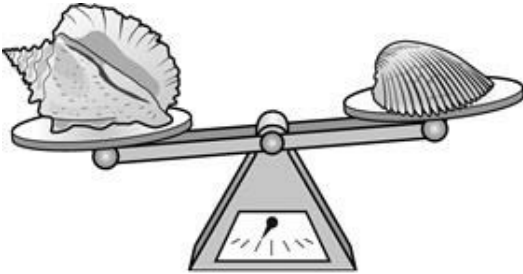
- A. The masses of the boxes are the same.
- B. The volumes of the boxes are the same.
- C. The full boxes have the same densities.
- D. The full boxes contain the same amount of paper.

8. An iceberg is shown in the illustration below.



Why does the iceberg float instead of sinking to the bottom of the ocean?

- A. The water is more dense than the ice.
  - B. The ice weighs less than the water.
  - C. The ice has a greater salt concentration than the water.
  - D. The water has currents that force the ice upward.
9. William compared two shells using a balance.



Which question was William most likely trying to answer?

- A. Which shell has more mass?
  - B. Which shell is longer in length?
  - C. What is the density of each shell?
  - D. What is the volume of each shell?
10. Appearance, texture, and density are classified as
- A. physical properties.
  - B. chemical properties.
  - C. magnetic properties.
  - D. thermal properties.