



States of Matter

Name: _____

Date: _____

Grade: Grade 3

Part A: Multiple Choice

Circle the best answer for each question.

1. A wet towel dries on a clothesline. Which process caused the water to disappear?

- A) Freezing
- B) Condensation
- C) Evaporation
- D) Melting

2. Which statement about solids, liquids, and gases is correct?

- A) Solids flow easily like liquids
- B) Liquids have no definite volume
- C) Gases have a definite shape
- D) Solids keep their shape without a container

3. What causes frost to form on a window on a cold morning?

- A) Water evaporates from the glass
- B) Water vapor in the air freezes on the cold surface
- C) The window melts and creates ice
- D) Rain falls directly onto the glass

4. Which change of state requires removing heat from a substance?

- A) Melting
- B) Evaporation
- C) Boiling
- D) Freezing

Part B: Fill in the Blank

Write the correct answer on each line.

1. Water can exist as a solid, a liquid, or a _____ depending on temperature.
2. Removing heat from liquid water causes it to _____ into ice.
3. The particles in a gas are spread far _____ and move quickly.
4. Boiling water on a stove produces _____, which is water in the gas state.
5. Matter can change state but the total amount of _____ stays the same.

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4. Which change of state requires removing heat from a substance?

- A) Melting
- B) Evaporation
- C) Boiling
- D) **Freezing**

Part B: Fill in the Blank

Write the correct answer on each line.

1. Water can exist as a solid, a liquid, or a gas depending on temperature.
2. Removing heat from liquid water causes it to freeze into ice.
3. The particles in a gas are spread far apart and move quickly.
4. Boiling water on a stove produces steam, which is water in the gas state.
5. Matter can change state but the total amount of matter stays the same.