



# States of Matter

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

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

Grade: Grade 3

## Part A: Multiple Choice

Circle the best answer for each question.

1. Which state of matter has a definite volume but takes the shape of its container?

- A) Solid
- B) Liquid
- C) Gas
- D) Plasma

2. What happens to water when it is heated to its boiling point?

- A) It freezes into ice
- B) It stays the same
- C) It evaporates into water vapor
- D) It becomes heavier

3. Which is an example of condensation?

- A) Ice cubes melting in a glass
- B) A puddle drying in the sun
- C) Water droplets forming on a cold can
- D) Snow falling from clouds

4. Why does a gas fill its entire container?

- A) Its particles are packed tightly
- B) Its particles move fast and spread apart
- C) Its particles do not move at all
- D) Its particles are heavier than liquid

## Part B: Fill in the Blank

Write the correct answer on each line.

1. The temperature at which ice melts into water is \_\_\_\_\_ degrees Celsius.
2. Adding heat to a substance makes its particles move \_\_\_\_\_.
3. When water vapor cools, it \_\_\_\_\_ back into liquid water.
4. A chocolate bar left in the sun will \_\_\_\_\_ because heat changes its state.
5. The process of a liquid changing into a solid is called \_\_\_\_\_.

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### Part B: Fill in the Blank

Write the correct answer on each line.

1. The temperature at which ice melts into water is 0 degrees Celsius.
2. Adding heat to a substance makes its particles move faster.
3. When water vapor cools, it condenses back into liquid water.
4. A chocolate bar left in the sun will melt because heat changes its state.
5. The process of a liquid changing into a solid is called freezing.