



States of Matter

Name: _____

Date: _____

Grade: Grade 3

Part A: Fill in the Blank

Write the missing word or number on each line.

1. When ice is heated, it _____ and becomes liquid water.
2. Cooling water vapor turns it back into a liquid through _____.
3. The change from liquid water to water vapor is called _____.
4. Freezing changes a liquid into a _____.
5. A gas spreads out to fill all the _____ in a container.
6. The particles in a solid are packed _____ together.
7. Heating a substance can change its _____ of matter.
8. Water droplets on a cold glass form through _____.
9. Oxygen in the air around us is a _____.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Solid	→ _____	Definite volume but no definite shape
Liquid	→ _____	No definite shape or volume
Gas	→ _____	Definite shape and definite volume
Melting	→ _____	Changing from solid to liquid

Answer Key · States of Matter · Grade: Grade 3

Part A: Fill in the Blank

Write the missing word or number on each line.

1. When ice is heated, it melts and becomes liquid water.
2. Cooling water vapor turns it back into a liquid through condensation.
3. The change from liquid water to water vapor is called evaporation.
4. Freezing changes a liquid into a solid.
5. A gas spreads out to fill all the space in a container.
6. The particles in a solid are packed closely together.
7. Heating a substance can change its state of matter.
8. Water droplets on a cold glass form through condensation.
9. Oxygen in the air around us is a gas.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Solid	→ <u>Definite shape and definite volume</u>	Definite volume but no definite shape
Liquid	→ <u>Definite volume but no definite shape</u>	No definite shape or volume
Gas	→ <u>No definite shape or volume</u>	Definite shape and definite volume
Melting	→ <u>Changing from solid to liquid</u>	Changing from solid to liquid