States of Matter

Name: _____ Date: _____ Grade: Grade 3

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Heat is a form of _____ that can change the state of matter.
2. When you remove heat from water, it can _____ into ice.
3. Rain is water in the _____ state falling from clouds.
4. A brick is a solid because it has a definite shape and _____ .
5. Fog forms when water vapor in the air _____ into tiny droplets.
6. Particles in a liquid slide past each other and can _____ .
7. The amount of matter in an object is called its _____ .
8. A candle left near a flame will _____ because wax is a solid that can change state.
9. Carbon dioxide in a soda bottle is a _____ that makes bubbles.

Part B: Matching

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

1. Match each item to its correct answer.

Boiling	→ _____	Solid changes to liquid
Freezing	→ _____	Gas changes to liquid
Melting	→ _____	Liquid changes to solid
Condensation	→ _____	Liquid changes to gas

Answer Key · States of Matter · Grade: Grade 3

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Heat is a form of **energy** that can change the state of matter.
2. When you remove heat from water, it can **freeze** into ice.
3. Rain is water in the **liquid** state falling from clouds.
4. A brick is a solid because it has a definite shape and **volume** .
5. Fog forms when water vapor in the air **condenses** into tiny droplets.
6. Particles in a liquid slide past each other and can **flow** .
7. The amount of matter in an object is called its **mass** .
8. A candle left near a flame will **melt** because wax is a solid that can change state.
9. Carbon dioxide in a soda bottle is a **gas** that makes bubbles.

Part B: Matching

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

1. Match each item to its correct answer.

Boiling	→ **Liquid changes to gas**	Solid changes to liquid
Freezing	→ **Liquid changes to solid**	Gas changes to liquid
Melting	→ **Solid changes to liquid**	Liquid changes to solid
Condensation	→ **Gas changes to liquid**	Liquid changes to gas