



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

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	→ <u>Liquid changes to gas</u>	Solid changes to liquid
Freezing	→ <u>Liquid changes to solid</u>	Gas changes to liquid
Melting	→ <u>Solid changes to liquid</u>	Liquid changes to solid
Condensation	→ <u>Gas changes to liquid</u>	Liquid changes to gas