



States of Matter

Name: _____

Date: _____

Grade: Grade 3

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Particles in a solid vibrate in place but do not _____ around.
2. A gas has no definite shape and no definite _____.
3. When liquid water boils, it turns into water _____.
4. You can measure the _____ of matter using a balance or scale.
5. A metal spoon is a _____ because it keeps its shape.
6. The change from gas to liquid is called _____.
7. Cooking oil poured into a bowl takes the _____ of the bowl.
8. Temperature tells us how hot or _____ something is.
9. Particles in a _____ are packed very tightly together.

Part B: Matching

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

1. Match each item to its correct answer.

| | | |
|--------------|---------|--------------------------|
| Honey | → _____ | Solid |
| Wooden block | → _____ | Gas |
| Oxygen | → _____ | Liquid that flows slowly |
| Lemonade | → _____ | Liquid that flows easily |

Answer Key · States of Matter · Grade: Grade 3

Part A: Fill in the Blank

Write the missing word or number on each line.

1. Particles in a solid vibrate in place but do not move around.
2. A gas has no definite shape and no definite volume .
3. When liquid water boils, it turns into water vapor .
4. You can measure the mass of matter using a balance or scale.
5. A metal spoon is a solid because it keeps its shape.
6. The change from gas to liquid is called condensation .
7. Cooking oil poured into a bowl takes the shape of the bowl.
8. Temperature tells us how hot or cold something is.
9. Particles in a solid are packed very tightly together.

Part B: Matching

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

1. Match each item to its correct answer.

| | | |
|--------------|-----------------------------------|--------------------------|
| Honey | → <u>Liquid that flows slowly</u> | Solid |
| Wooden block | → <u>Solid</u> | Gas |
| Oxygen | → <u>Gas</u> | Liquid that flows slowly |
| Lemonade | → <u>Liquid that flows easily</u> | Liquid that flows easily |