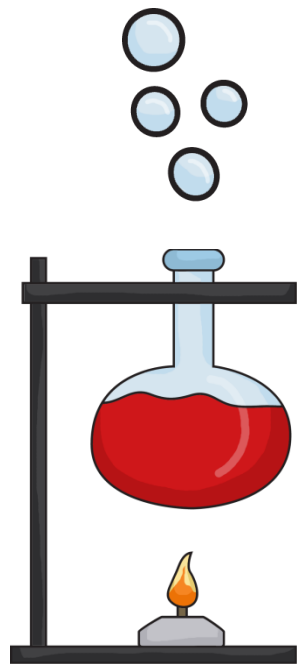


# STATES OF MATTER ASSESSMENTS

Short answer  
&  
Multiple Choice



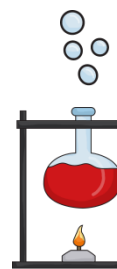
*The Rockin Rowlands*



Name:

Date:

# States of Matter Quiz



1. What is matter?

---

2. Define solid.

---

3. Define liquid.

---

4. Define gas.

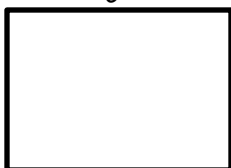
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5. Draw the molecules for each state of matter. Write a sentence to describe the molecules movement.

Solid



Liquid



Gas



---

6. What happens when you apply heat to a liquid?

---

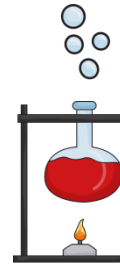
7. What happens when you take away heat from a liquid?

---

Name:

Date:

# Key States of Matter Quiz



1. What is matter?

Matter is everything that takes up space.

2. Define solid.

A solid keeps it's own shape.

3. Define liquid.

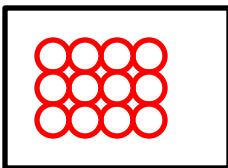
A liquid takes the shape of it's container.

4. Define gas.

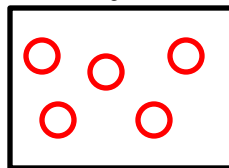
Gas does not have a set shape or volume.

5. Draw the molecules for each state of matter. Write a sentence to describe the molecules movement.

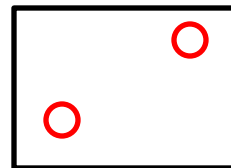
Solid



Liquid



Gas



Solid molecules don't move. Liquid molecules move slowly. Gas moves fast.

6. What happens when you apply heat to a liquid?

At boiling point the liquid turns to a gas.

7. What happens when you take away heat from a liquid?

At freezing point the liquid turns into a solid.

Name:

Date:

# States of Matter Test

1. In what state of matter would there be a specific amount of space and a definite shape?

- A. Solid
- B. Liquid
- C. Gas
- D. Matter

2. How are the molecules in gas and liquid similar?

- A. They both are big.
- B. They both are packed together.
- C. They both are moving extremely fast.
- D. They both have space to move.

3. When a liquid turns into a gas this is called

- A. Condensation
- B. Cool
- C. Evaporation
- D. Decomposing

4. In what state of matter would there be a volume that stays the same but a shape that could change?

- A. Solid
- B. Liquid
- C. Gas
- D. Matter

5. Which of the following is an example of a gas?

- A. Water vapor
- B. Snow flake
- C. Rain
- D. Pillows

6. Why can a liquid flow so easily?

- A. It's wet.
- B. It's water.
- C. It's molecules are very tiny.
- D. It's molecules have space and move around.

7. Which of the following is a solid?

- A. Sand
- B. Syrup
- C. ketchup
- D. steam

8. A liquid turns into a solid at...

- A. Melting point
- B. Boiling point
- C. Freezing point
- D. Condensation

9. What happens to the molecules in matter when a substance is heated up?

- A. They pack closer together
- B. They move faster
- C. It creates more molecules
- D. IT makes the molecules melt

10. Which of the following are matter?

- A. Solids
- B. Liquids
- C. Gases
- D. All of the above

Name:

Date:

**Key**

## States of Matter Test

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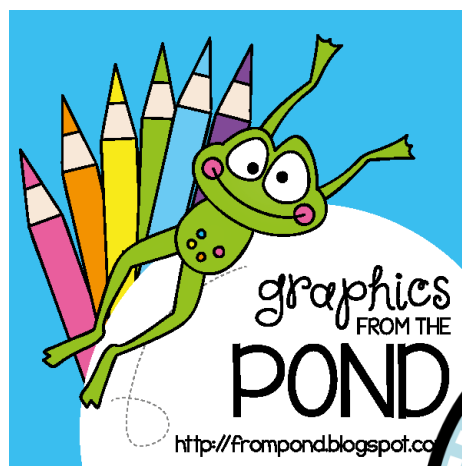
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# Thank you!



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