

Name : \_\_\_\_\_

# States of Matter

**Read the passage and answer the questions.**

Matter can be categorized into three states namely solids, liquids and gases.

Matter is made up of tiny particles called atoms and molecules.

Matter has mass and occupies space. Each state of matter possesses different properties.

## Solid

A solid is a state of matter that is rigid, and they have a definite shape and volume. They cannot be compressed, and they do not flow. A rock is an example of a solid.

Solids are highly rigid. Solids cannot be compressed. They are visible and have a definite shape and volume.

Liquids have a definite volume but not a definite shape. They conform to the shape of the container. Honey is an example of a liquid.

Liquids have a definite volume but no definite shape. Liquids are close together but can move past each other easily.

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## Gas

Gas is a state of matter, it has no definite mass and shape. It takes the shape of the container. The particles in gas are loosely packed, allowing it to flow freely. Gas spreads out quickly and can be easily compressed.

Oxygen is an example of a gas.

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# States of Matter

Answer the questions.

1) What are the three states of matter?

\_\_\_\_\_

2) What are the states of matter that you can touch?

\_\_\_\_\_

3) What are the two states of matter that can flow? Explain.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4) Give three proper nouns.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5) Give an example of a solid state of matter.

\_\_\_\_\_

6) Do liquids and gases have a definite shape? Explain.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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# States of Matter

Answer the questions.

1) What are the three states of matter?

**Solids, liquids and gases**

2) What are the states of matter that you can touch?

**Solids and liquids**

3) What are the two states of matter that can flow? Explain.

**Liquids and gases**

**The particles in**

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**flow.**

**moving them to flow.**

4) Give three properties of solids.

**Fixed volume, c**

**Examples: car, t**

5) Give an example of a liquid.

**Water**

**of matter.**

6) Do liquids and gases have a definite shape? Explain.

**No, liquids and gases do not have definite shape. They take the**

**shape of the container. The particles in liquids and gases are**

**loosely packed, when compared to solids.**