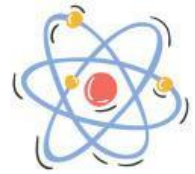


# MATTER AND STATES OF MATTER TEST



## 1. Read the statement. Say whether it is true or false.

- a. When a solid changes to a liquid, it is called melting.

True

False

- b. Solids take the shape of the container that they are in.

True

False

- c. Liquids take the shape of the container that they are in.

True

False

- d. Condensation is when gas turns into a liquid.

True

False

- e. The helium inside a balloon is solid matter.

True

False

## 2. Choose the best option.

1. The particles or atoms in solid matter are

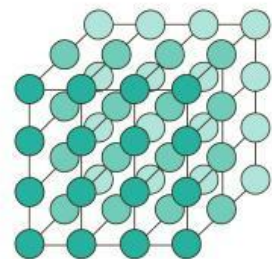
- a. apart from each other and move freely.
- b. very close together and cannot move around.
- c. further apart and can slide past each other.

2. The particles or atoms in liquid matter are

- a. apart from each other and move freely.
- b. very close together and cannot move around.
- c. further apart and can slide past each other.

3. The particles or atoms in gas matter are

- a. apart from each other and move freely.
- b. very close together and cannot move around.
- c. further apart and can slide past each other.



## Heating and cooling

**3. Write down the process of the change of state in each case.**

1. From a gas to a liquid \_\_\_\_\_

2. From a liquid to a gas \_\_\_\_\_

3. From a solid to a liquid \_\_\_\_\_

4. From a liquid to a solid \_\_\_\_\_



4. Look at the picture. Describe what is happening in terms of state changes and explain why.

This image shows a blank sheet of white paper with horizontal blue ruling lines. A single vertical red margin line runs down the left side of the page. The lines are evenly spaced and extend across the width of the page. There is no handwriting or other markings on the paper.