



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION
27, Ballygunge Circular Rd, Ballygunge, Kolkata, West Bengal 700019



Term: First Term

Sub: Science

Class: 4

Date: 20.04.20

Lesson: Matter – Solid, Liquid & Gas

Topic: Change Of State

ANSWER WORKSHEET - 1

1. Fill in the blanks:-

- On heating, water starts turning into its **gaseous** form called water vapour or **steam**.
- The process in which liquid changes into solid on cooling is called **freezing**.
- When water vapour cools down, it turns into **water/liquid**.

2. Write True or False:-

- Solids have a fixed shape, but do not have a definite volume. **False**
- When ice-cream is kept outside the freezer, it remains solid. **False**
- When the wax of a candle is heated, it melts. **True**
- Gases neither have a fixed shape nor a definite volume. **True**

3. Identify the process involved in the following changes:-

- Solid into liquid: **Melting**
- Water vapour into liquid: **Condensation**
- Liquid into solid: **Freezing**
- Liquid into water vapour: **Evaporation**

4. What happens in each of the following cases:-

- When water is heated for a long time – **It changes into water vapour.**
- When orange juice is left in the freezer overnight – **It changes into solid form.**
- When wet clothes are put in the sun on a hot day – **They dry fast and evaporation takes place.**

5. Answer in one or two words:-

- The process of conversion of gas into liquid is called?

Ans:- Condensation.

- What do we see on the outer surface of the glass when ice cubes or cold water is poured in it?

Ans:- Water droplets.

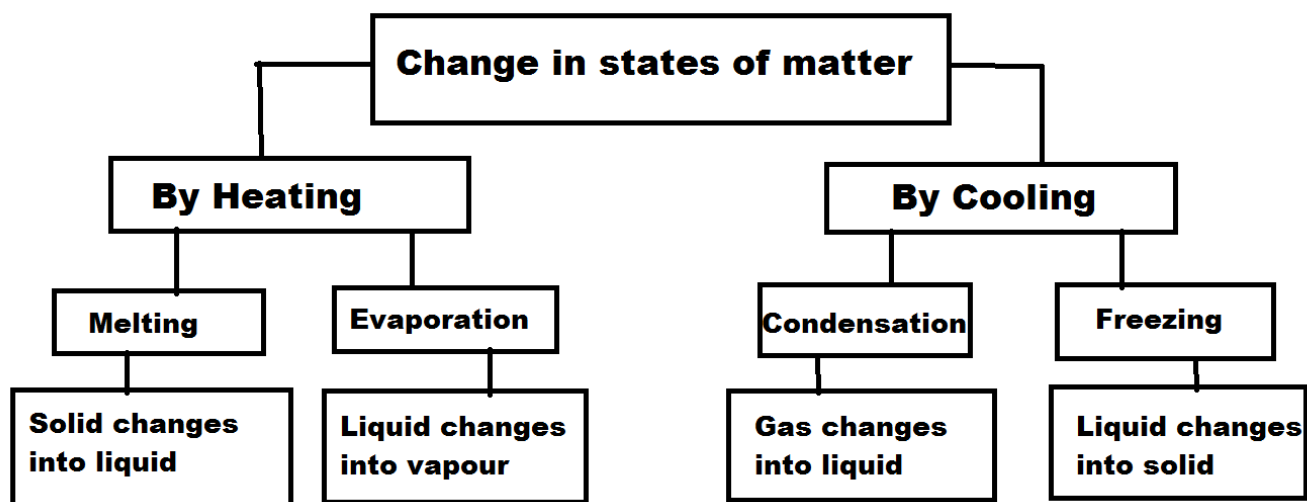
- The process of conversion of liquid into gas is called?

Ans:- Evaporation.

- What happens to the butter when it is not kept in the refrigerator on a hot day?

Ans:- It melts.

6. Complete the table:



7. Draw the three states of matter.

