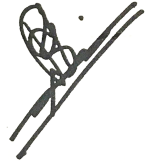


Grade - 4

Subject- Physics

Chapter – 11, Lesson - 1



What is matter?

Mrs. Ruksana and Mrs. Farhana

Q/A

1. What is matter?

Ans. Matter is anything that has mass and takes up space.

2. Write some properties of matter.

Ans. Some properties of matter are colour, size, shape, texture, smell, taste, etc.

3. How can we identify the properties of matter?

Ans. We can identify the properties of matter by using our senses.

4. Name the three states of matter.

Ans. Solid, liquid and gas.

5. What is matter made up of?

Ans. Matter are made up of tiny particles which are arranged in different ways. The arrangement and movement of particles in a matter determine its form or state.

6. Name a substance that you can find naturally in all three states.

Ans. Water.

7. Write the properties of solids.

Ans. A solid has a definite shape and a definite volume, and its particles are closely packed together. For example, book, pencil, etc.

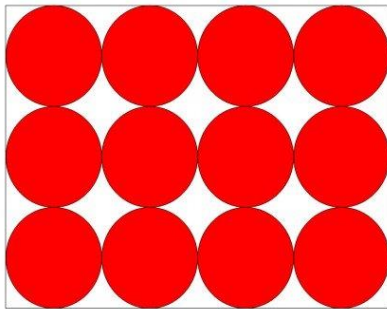
8. What are the properties of liquids?

Ans. A liquid has no definite shape but has a definite volume. Its particles are not held together as tightly as in solids. For example, milk, tea, etc.

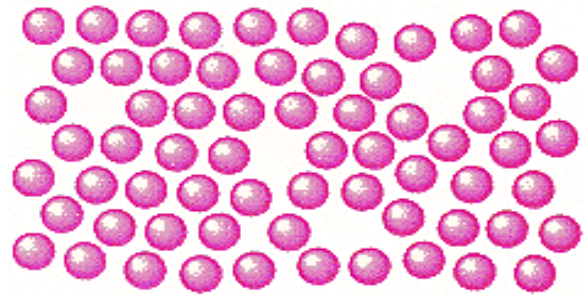
9. State the properties of gases.

Ans. A gas has no definite shape and volume. The particles are very far apart from one another and move in all directions.

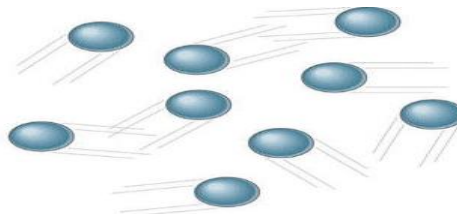
10. Draw and show the arrangement of particles in a solid, liquid and a gas.



Solid



Liquid



Gas