

Chapter- 5

SOLIDS, LIQUIDS AND GASES

WORKSHEET

A. Fill in the blanks.

1. All matter in the world is made up of molecules.
2. molecules are the smallest substances in the matter that can exist independently.
3. Air is the mixture of gases.
4. Salt + Water = Salty water
5. Solids have a fixed shape and volume.

B. Answer in one word.

1. Anything that occupies space and has weight. matter
2. The tiny particles that make up matter. molecules
3. Space occupied by solid, liquid or gas. volume
4. A solid that dissolves in a liquid. solute
5. A liquid in which a solid dissolves. solvent

C. Choose the correct answers.

1. Which of the following has fixed volume?

- a) stone b) smoke c) air d) perfume

2. Which of the following is not a solid?

- a) sugar b) button c) rice d) ink

3. How are the molecules of solids are held together?

- a) tightly b) loosely c) very loose d) very tight

4. Sugar can dissolve easily in water because, its molecules _____ throughout the water.

a) scatter

b) moves

c) flow

d) settle down

5. Name a liquid that you drink often.

a) milk

b) water

c) juice

d) cool drinks

D. COMPLETE THE GIVEN SOLUTION :

- | | | | | |
|----------|---|-------|---|--------------------|
| 1. SUGAR | + | WATER | = | <u>Sweet water</u> |
| 2. SALT | + | WATER | = | <u>Salty water</u> |
| 3. SAND | + | WATER | = | _____ |