

tu
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ch-5 Solids, liquids and gases.

Date _____

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Real questions

choose the correct answer.

1. Solids / liquids / gases have a fixed shape and a fixed ^{volume} ~~volume~~.
2. Solids / liquids / gases take the shape of the container in which they are kept.
3. Gases have a fixed ^{volume} ~~volume~~ / a fixed shape / ~~no~~ shape.
4. Ice changes to liquid water on heating / cooling / crushing.
5. Steam / Ice / wax changes to liquid water on cooling.

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Let us answer.

A. Tick (✓) the correct answers.

1. This is a state of ~~mat~~ matter.

✓
a. Solid b. sugar c. salt d. wax

2. Which of the following is not a solid?

✓
a. sugar b. button c. ink d. rice

3. Which of the following is soluble in water?

✓
~~ans~~ a. stone b. salt c. soil d. rice

4. Which of the following has a fixed volume?

✓
a. Stone b. smoke c. air d. perfume

B. Write T for true or F for False.

1. The molecules of solids are held together ~~are~~ very loosely. F

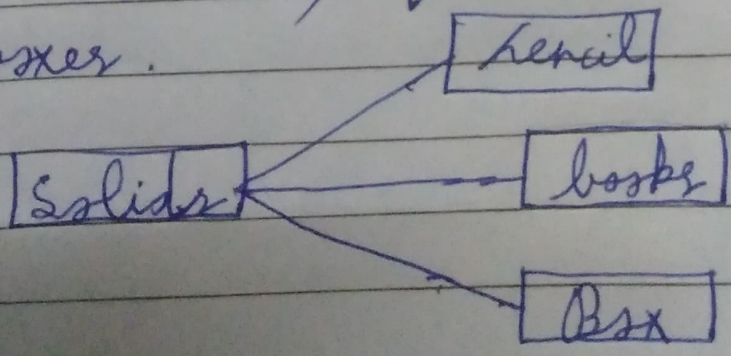
2. Liquids do not have a fixed volume. T

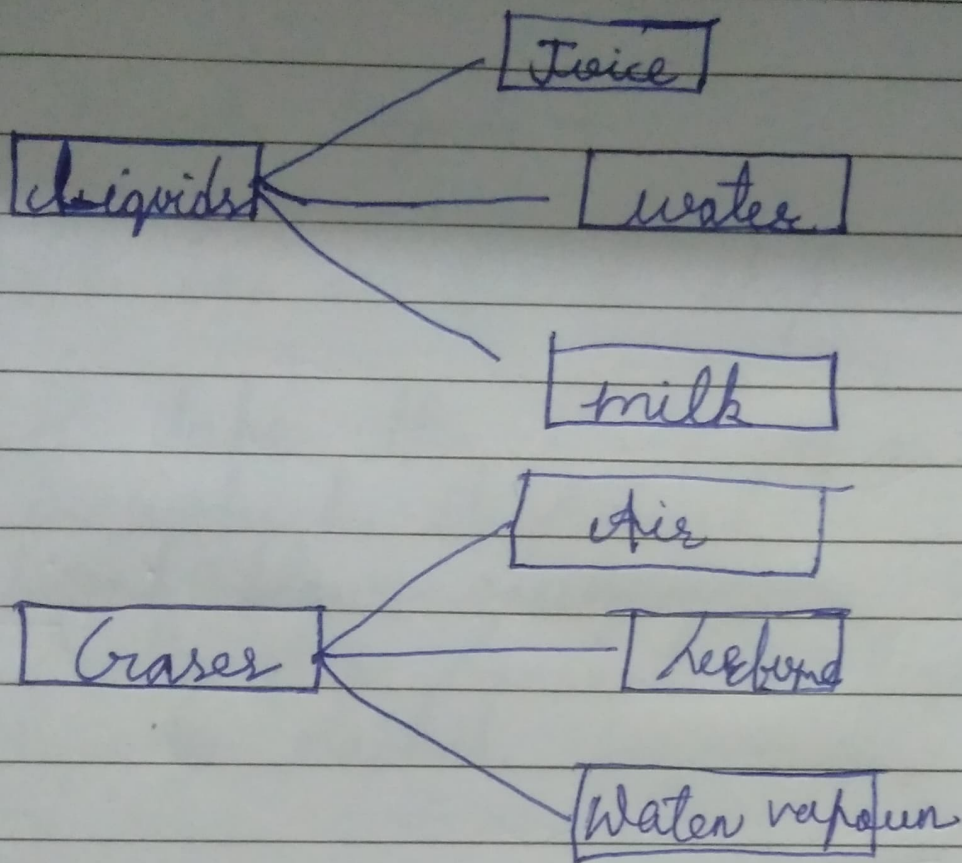
3. Water changes to water vapour ~~to~~ when it is frozen. F

4. In a water sugar solution, water is solute. F

5. Sugar is soluble in water. T

C. Fill in the ~~blanks~~ names of any three solids, liquids and gases in the empty boxes.





D. How are Solids, liquids and gases in the empty boxes.

About Solids -

- It has a fixed shape
- It has fixed volume.
- The molecules present in a solid are tightly packed.

About liquids -

- It has no fixed shape.
- It takes the shape of a container in which it is placed.
- Liquids flow easily.
- Molecules present in liquids are loosely packed.

About gases -

- It has no fixed shape.
- It has no fixed volume.
- It flows more easily than liquids.
- Molecules in gases are very loosely packed and can flow easily.