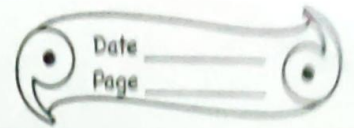


Solids, Liquids, gases



A) Tick (✓) the correct answer.

1 This is a state of matter.

(a) solid (b) sugar (c) salt (d) wax

2 Which of the following is not solid

(a) sugar (b) Button (c) Ink (d) Rice

3 Which of the following is soluble in water

(a) Stone (b) salt (c) sand (d) Rice

4) Which of the following has a fixed volume

(a) Stone (b) smoke (c) Air (d) Perfume

B) Write T for true and F for false.

1. The molecules of solids are held together

very loosely. F

2. Liquids do not have fixed volume. F

3. Water changes into water vapour

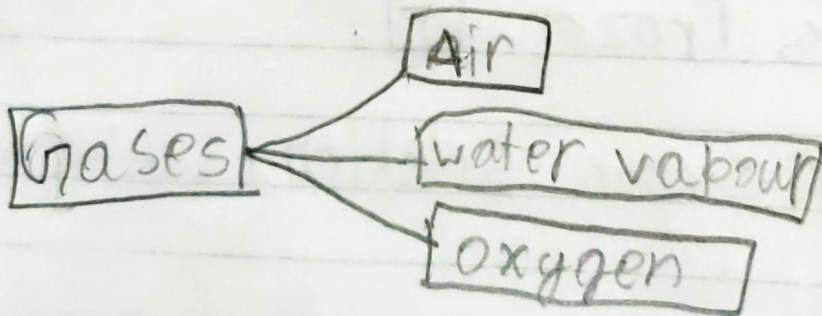
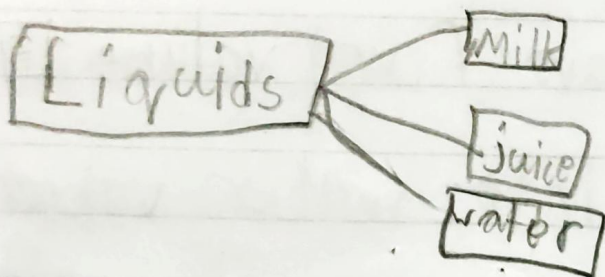
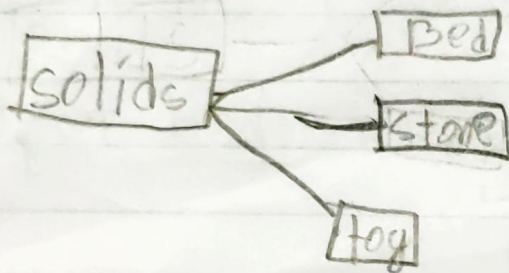
when it is frozen. F

4. In a water-sugar solution, water is the

solvent. F

5. Sugar is soluble in water. T

2. Fill in the names of any three solids liquids and gases in the empty boxes.



D. How are solids, liquids and gases different from each other fill in the table

Date _____
Page _____

D. Solids

1. Solids have a fixed shape and a fixed volume.

2. The molecules in a solid are tightly packed.

Liquids

1. Liquids have no fixed shape but have a fixed volume.

2. The molecules in a liquids are loosely packed.

Gases

1. Gases have no fixed shape or volume.

2. The molecules in air are very loosely packed.