

Solid, Liquid and Gases

A.  
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 a mixture of gases.

4. Salt + Water = saltwater.

5. Solids have a definite shape and volume.

## B. Answers 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. occupied volume
4. A solid that dissolves in a liquid. Solute  
~~sugar~~
5. A liquid in which a solid dissolves. solvent  
~~water~~

## C. Tick the correct answer

1. Which one of the following has fixed volume?

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

2. Which of the following has fixed volume is not a solid.

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

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

~~a) tightly to~~

- 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) mover      c) flow      d) settle

down

5. Name a liquid that you drink often.

a) milk      b) ~~more~~ water      c) juice

d) cool drinks

D. Complete the given solution:

1. Sugar + Water = sweet water

2. Salt + Water = salty water

3. Sand + Water = insoluble