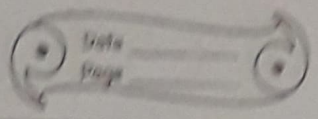


Hw
7-07-2021



Homework

1. Q - List all the characteristics of particles of matter.
2. Q - Give any two examples to prove that particles of matter attract each other.
3. Q - Write any five points of difference in properties of solids, liquids and gases.

Answers of the homeworks

1. ~~Answer~~ Particles of matter are held together by a force of attraction that exists between them. This force is known as

Q-1- Ans (a) Particles of matter attract each other.

(b) They are always in constant random motion (zig zag motion).

(c) Particles of matter have space between them.

~~Q-2 Ans~~ (d) The Particles of matter are very small in size.

Q 2 Ex-1-T₁ is easy to move our hand through water but difficult to move the hand in Glycerine. The reason is that the attractive intermolecular forces are stronger in Glycerine than in water.

Q-2- It is easy to break a chalk into pieces but difficult to break a piece of coal. The reason is that the intermolecular forces are weaker in chalk than coal.

Q-3- Solid | Liquid | Gas

1. Mass Definite | Definite | Definite

2. Shape Definite | Shape of container | Shape of container

3. Volume Definite | Definite | Indefinite
acquires the volume available.

4. Compressibility NO | Negligible | High

5. Fluidity - NO | YES | YES