

Exercise - 1

3) A substance is pure when it is made up of single type of particles. There are two types of pure substances are elements & compounds.

- 5) Metals - Iron, copper, silver etc.
- Non Metals - Oxygen, carbon, sulphur etc.
- Metalloids - Boron, Silicon etc.
- noble gases - Helium, neon, argon etc.

6) Water is a compound because compounds are made of different elements in fixed proportion by mass like water molecule, hydrogen & oxygen form compound of H_2O in the ratio of 1.

- 7) Metals -
- They are solid at room temperature.
 - They have high melting & boiling points.
 - They are good conductor of heat & electricity.
- Non-Metals -
- They may be solid, liquid & gas at room temperature.
 - They have low melting & boiling points.
 - They are bad conductors of heat & electricity.