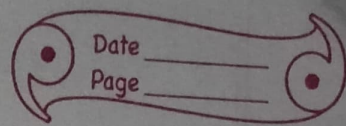


CHEMISTRY

Is matter around us Pure



1) mention 5 characteristics of element?

Five characteristics of element are:-

- Elements are homogenous in nature.
- They have a fixed melting or boiling point.
- They cannot be represented symbolically.
- They cannot be broken down into more simpler form.
- They exist in atomic or molecular form.

2) why CO_2 is a compound whereas carbon an element?

Carbon dioxide is a compound because it is formed by the chemical combination of elements carbon and oxygen in a definite 1:8 ratio by mass. whereas carbon is an element as it is composed of only identical carbon items.