

## Homework :-

- 1) Mention the five characteristics of elements.
- 2) Why Carbon Dioxide is a compound whereas carbon is an element?

## Answers :-

- 1) \* Elements are made of same atoms.  
\* It is a pure substance.  
\* It cannot be broken into simpler substances.  
\* They are divided into metals, non-metals and metalloids.  
\* Ex- Iron, Hydrogen.
- 2) Carbon dioxide is a compound ~~if~~ because it has 2 molecules. It is made of 1 carbon & 2 oxygen. But carbon is made of only one atom.