

# Carbon and its Compounds

CLASS X SCIENCE

## Worksheet 2/3

1. The number of carbon compounds found in earth is more than
  - a) One million
  - b) Two million
  - c) Three million
  - d) Four million
2. Carbon has the unique ability to form bonds with other atoms of carbon. This property is called \_\_\_\_\_.
3. \_\_\_\_\_ are compounds containing carbon and \_\_\_\_\_ atoms.
4. There are two types of hydrocarbons. They are \_\_\_\_\_ and \_\_\_\_\_.
5. Saturated hydrocarbons have the \_\_\_\_\_ covalent bonds between carbon atoms.
6. Unsaturated hydrocarbons have \_\_\_\_\_ or \_\_\_\_\_ covalent bonds between two carbon atoms.

6. Unsaturated hydrocarbons have \_\_\_\_\_ or \_\_\_\_\_ covalent bonds between two carbon atoms.
7. \_\_\_\_\_ have all single bonds between the carbon atoms.
8. Saturated compounds are \_\_\_\_\_ reactive than unsaturated compounds.
- More
  - Less
  - None of these
9. Alkenes have a \_\_\_\_\_ covalent bond between two carbon atoms.
10. \_\_\_\_\_ have a triple covalent bond two carbon atoms.
11. What is formula of
- Pentane
  - Hexane
  - Butane
  - Benzene
12. Give an example of
- Alkane .
  - Alkene
  - Alkyne
-