



ALIPHATIC HYDROCARBONS



MULTIPLE CHOICE

Choose the letter of the correct choice.

1. Which statement about hydrocarbons is true?
 - a. They are the most complex type of carbon compounds.
 - b. They are all gases at room temperature.
 - c. They generally do not dissolve in water.
 - d. none of the above
2. The simplest hydrocarbons are
 - a. unsaturated hydrocarbons.
 - b. saturated hydrocarbons.
 - c. aromatic hydrocarbons.
 - d. alkenes and alkynes.
3. The first part of the name of a hydrocarbon indicates the number of
 - a. bonds between carbon atoms.
 - b. branches in the molecule.
 - c. hydrogen atoms.
 - d. carbon atoms.
4. Alkanes with more carbon atoms generally have
 - a. higher boiling points.
 - b. lower boiling points.
 - c. higher melting points.
 - d. two of the above
5. Aromatic hydrocarbons generally have
 - a. a strong scent.
 - b. rings of four carbon atoms.
 - c. alternating double and triple bonds.
 - d. all of the above
6. Hydrocarbon compounds that are burned for fuels include
 - a. coal.
 - b. propane.
 - c. kerosene.
 - d. all of the above
7. Fossil fuels include
 - a. wood.
 - b. charcoal.
 - c. petroleum.
 - d. all of the above

