



ALIPHATIC HYDROCARBONS



MULTIPLE CHOICE

Choose the letter of the correct choice.

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

