



Give the structure (expanded form) for each of the following Alkanes.

1.
 - a. heptane
 - b. 3-ethylhexane
 - c. 4-propylnonane
 - d. 2,6-dimethyloctane
 - e. methylbutane

2.
 - a. 2,3,3-trimethylpentane
 - b. 3-ethyl-2-methylhexane
 - c. 4,4-diethyl-2,2-dimethylheptane
 - d. 6-butyl-4,6-dipropyldodecane
 - e. 3-ethyl-5-methyl-4-propyldecane

3.
 - a. 2,4,6,8,10-pentamethyldodecane
 - b. 6,6-diethyl-2,3,5-trimethyl-5-butylundecane
 - c. propane
 - d. 3,3,4,4-tetraethylhexane
 - e. 6-pentylundecane

4. Give the IUPAC name the following compounds

