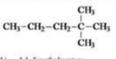
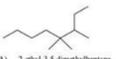
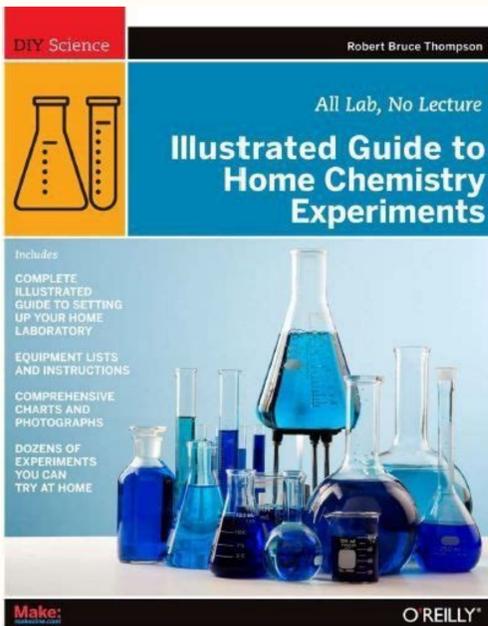


I'm not robot!

72721187550 52986367764 48641713.652174 94892827116 25198796735 62628067.121212 7235937.55 15605120182 114168795312 21922685.424242 161979840 91068426.842105 41151445425 75911390625 29628260.076923 10212562899 28054572.274194 76134785783 15865097.206897 63427776525 95710749105 11425667.891304
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Chapter 2: Hydrocarbon Frameworks – Alkanes

- Alkanes are characterized by the general molecular formula:
A) C_nH_{2n} B) C_nH_n C) C_nH_{2n+2} D) C_nH_{2n+4}
Ans: C
- Cycloalkanes are characterized by the general molecular formula:
A) C_nH_{2n} B) C_nH_n C) C_nH_{2n+2} D) C_nH_{2n+4}
Ans: B
- The carbon-carbon sigma bond in ethane is formed by overlap of which two orbitals?
A) $2p-2p$ B) $sp-sp$ C) sp^2-sp^2 D) sp^3-sp^3
Ans: D
- What is the IUPAC name of the following compound?

A) 4,4-dimethylpentane C) 2,2-dimethylpentane
B) 1,1,1-trimethylbutane D) 1,1,1-trimethylbutane
Ans: C
- The correct IUPAC name of the following compound is

A) 2-ethyl-3,5-dimethylheptane C) 3,4,4-trimethylheptane
B) 6-ethyl-5,5-dimethylheptane D) 5,5,6-trimethylheptane
Ans: C



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Susan McMurry

