



H₃C CH₂CH₂CH₃ I I (i) CH₃CH₂CHCHCHCHCHCH₂CH₃ I I CH₂CH₃ CH₂CH₃

6. a. 3,4-dimethylheptane b. 3,4,4,5-tetraethylheptane c. 2,2,7,7-tetramethyloctane d. 3-ethyl-4,5-dimethylheptane e. 4-ethyl-4-methyloctane f. 2,2,5-trimethyloctane g. 4,6-dimethylnonane h. decane i. 4,5-diethyl-3,7-dimethylnonane j. 3,3,4,5-tetramethyloctane k. 4-ethyl-3-methyl-5-propyloctane l. 3,6-diethyl-5,8-dimethyldecane