

# Answers to Lesson # 2

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- (a) 3,4-dimethylheptane
  - (b) 3,4,4,5-tetraethylheptane
  - (c) 2,2,7,7-tetramethyloctane
  - (d) 5-ethyl-3,4-dimethylheptane  
or 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  
or 5,8-diethyl-3,6-dimethyldecane

