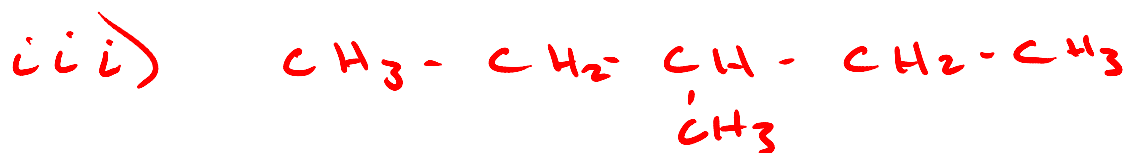
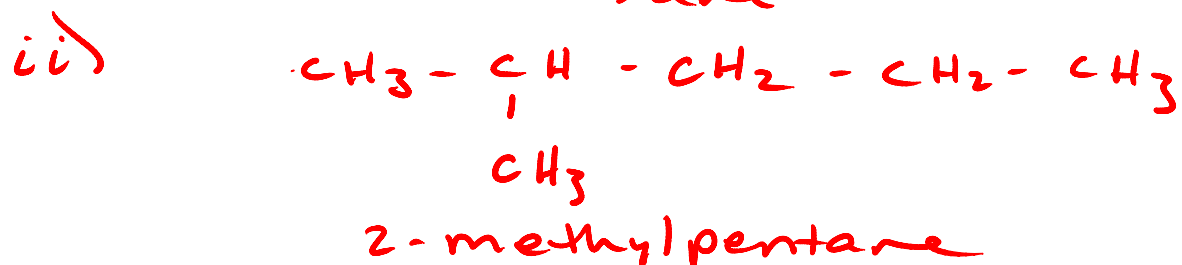
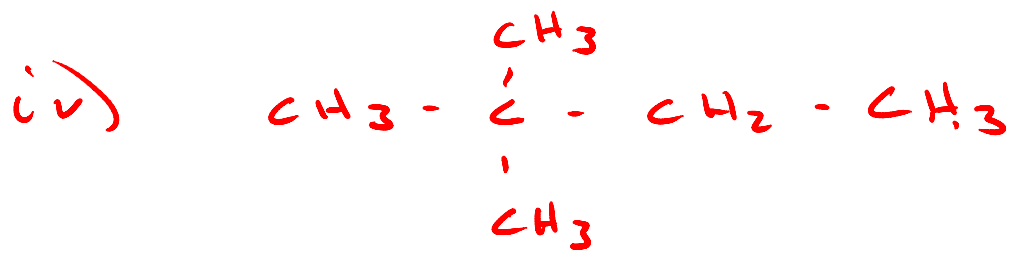


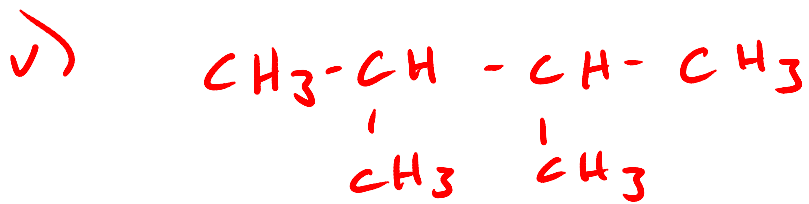
hw #13-23 odd



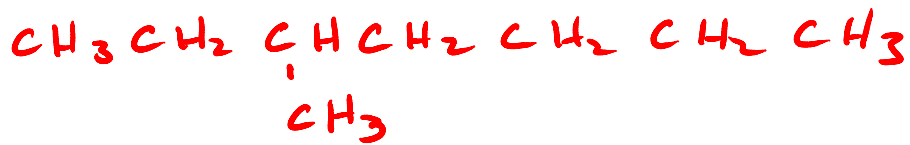
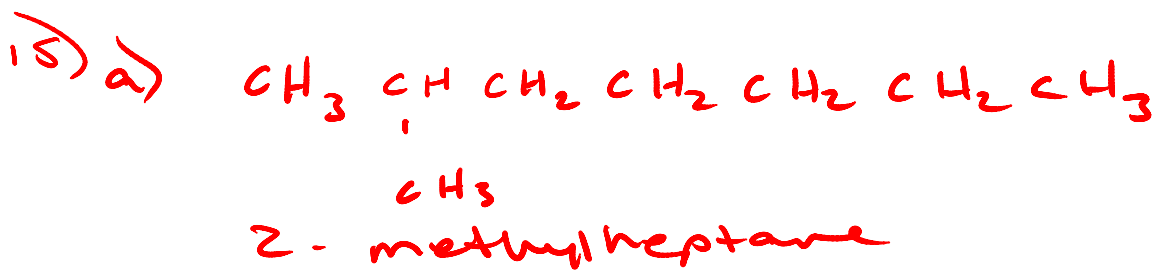
3-methylpentane



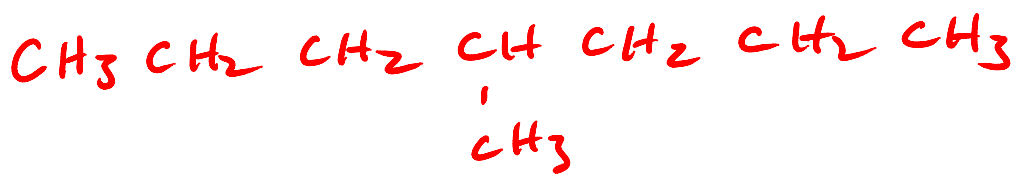
2,2-dimethylbutane



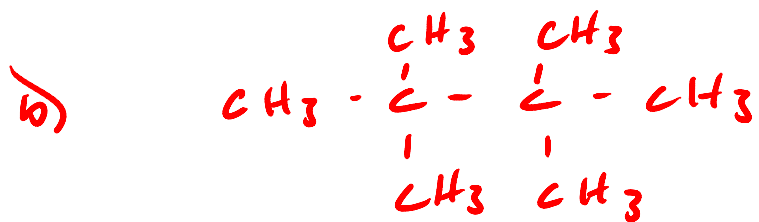
2,3-dimethylbutane



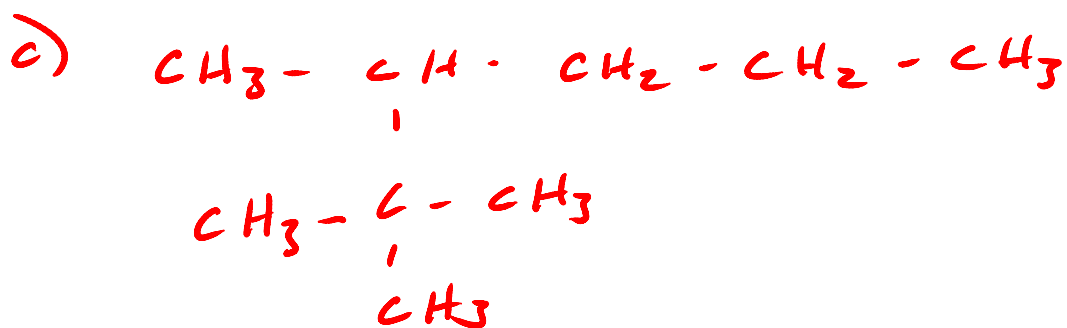
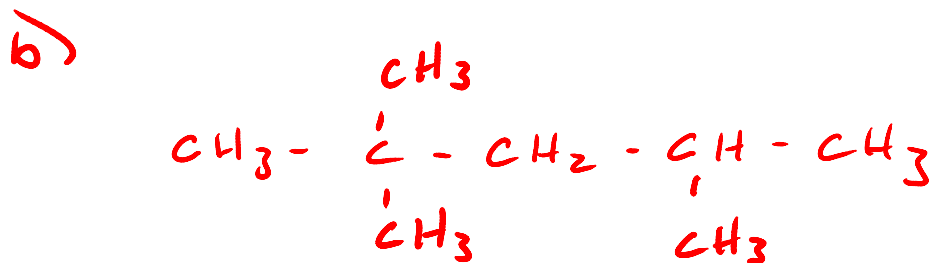
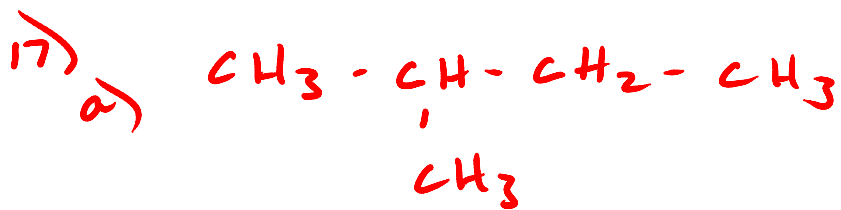
3-methylheptane



4-methylheptane



2,2,3,3-tetramethylbutane



d) 2,2,3-trimethylhexane

1a) 2,2,4-trimethylhexane

b) 5-methylnonane

c) 2,2,4,4-tetramethylpentane

d) 3-ethyl-3-methyloctane

2.) a) 1-butene

b) 2-methyl-2-butene

c) 2,5-dimethyl-3-heptene

23) a) $\text{CH}_3 - \text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_2 - \text{CH}_3$

b) $\text{CH}_3 - \text{CH} = \text{CH} - \text{CH} = \text{CH} - \text{CH}_2 - \text{CH}_3$

c) $\text{CH}_3 - \underset{\text{CH}_3}{\text{CH}} - \text{CH} = \text{CH} - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$

