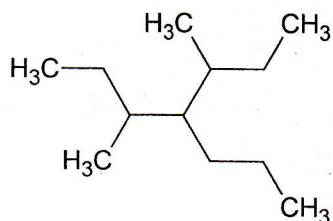
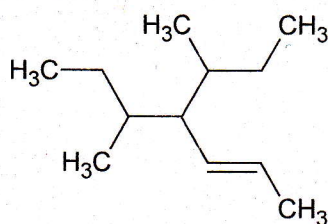


Challenge questions



3,5-dimethyl-4-propylheptane

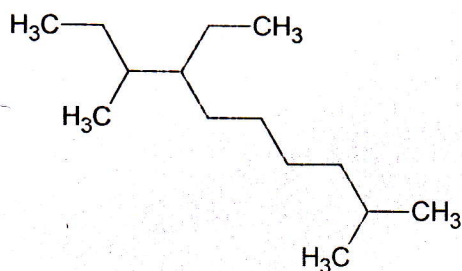


4-(1-methylpropyl)-5-methylhept-2-ene

2 7 carbon chains,
double bond is a
tiebreaker.

or

4-(1-methylpropyl)-5-methyl-2-heptene



7-ethyl-2,8-dimethyldecane

prime example of first point
of difference rule.

3,4,9 is lower sum, but sum rule
only works with 2 substituents
lowest # on "most important" substituent