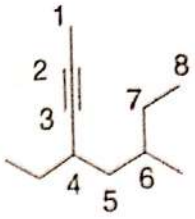
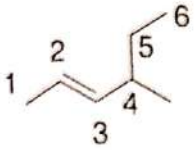
5.36) iodo, fluoro, bromo
5.37) isopropyl
5.38) ethyl, hydoxy
5.40) trans
5.41) trans
5.42) trans
5.43) cis
5.44) cis
5.45) trans

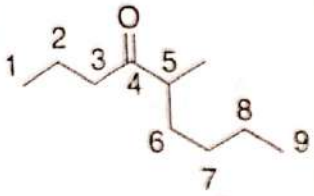
5.47)



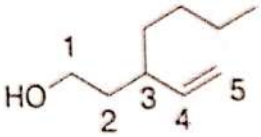
5.48)



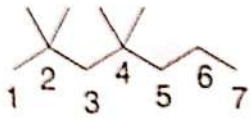
5.49)



5.50)



5.51)



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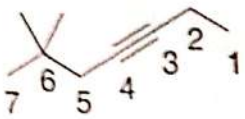
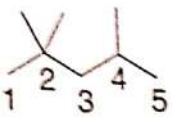
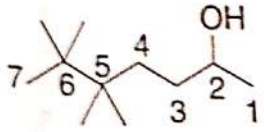


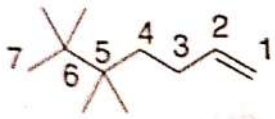
5.53)



5.54)



5.55)



5.57) *trans*-4-ethyl-5-methyloct-2-ene

5.58) 4-ethylnonan-3-ol
5.59) 4,4-dimethylhex-2-yne
5.60) 4,4-dimethylcyclohexanone
5.61) 2-chloro-4-fluoro-3,3-dimethylhexane
5.62) *cis*-3-methylhex-2-ene
5.63) 2-ethylpentanamine
5.64) 2-propylpentanoic acid
5.65) *trans*-oct-2-en-4-ol
5.66) *trans*-5-chloro-6-fluoro-5,6-dimethyloct-2-ene

*Remember you can have "-1-oic acid" or whatever the functional group is, notice 5.60, 5.63, 5.64 are some that have you make the assumption that the FG is on the first carbon.

Klein Packet Answers for Ch. 5

Chapter 5

5.2) –one
5.3) –oate
5.4) –al
5.5) –amine
5.6) –ol
5.7) –ol
5.8) –al
5.9) –one
5.10) –oic acid
5.12) –en-
5.13) –yn-
5.14) –dien-
5.15) –trien-
5.16) –trien-
5.17) –endiyn-
5.19) hex
5.20) hept
5.21) hex
5.22) non
5.23) oct
5.24) hex
5.25) hex
5.26) hex
5.27) pent
5.29) Two chloro groups
5.30) bromo, iodo
5.31) Five methyl groups
5.32) Six fluoro groups
5.33) Methyl
5.34) chloro, *tert*-butyl
5.35) amino, bromo, chloro, fluoro