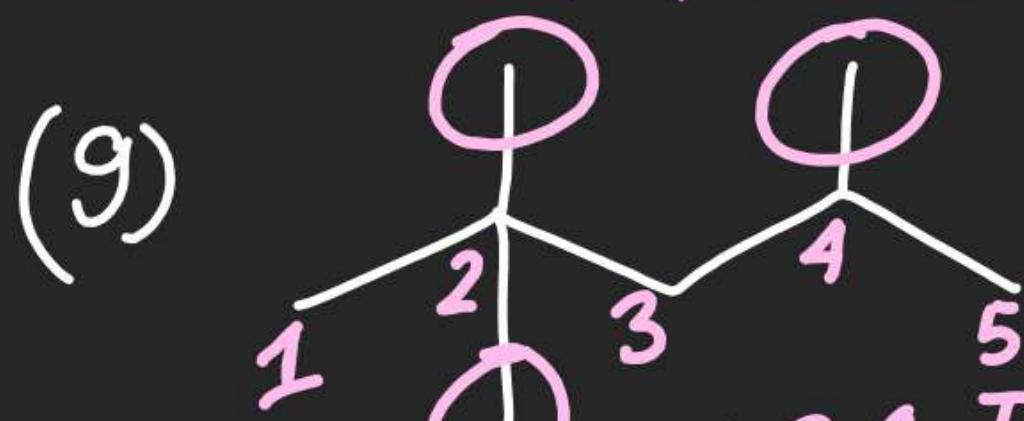
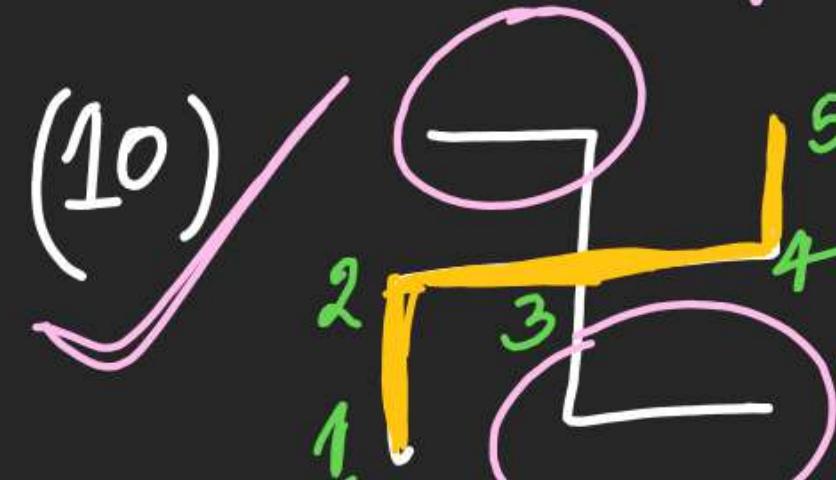


2,2,3,3-Tetramethyl Butane



2,2,4-Trimethyl Pentane



3,3-Diethyl Pentane



Cyclohexane



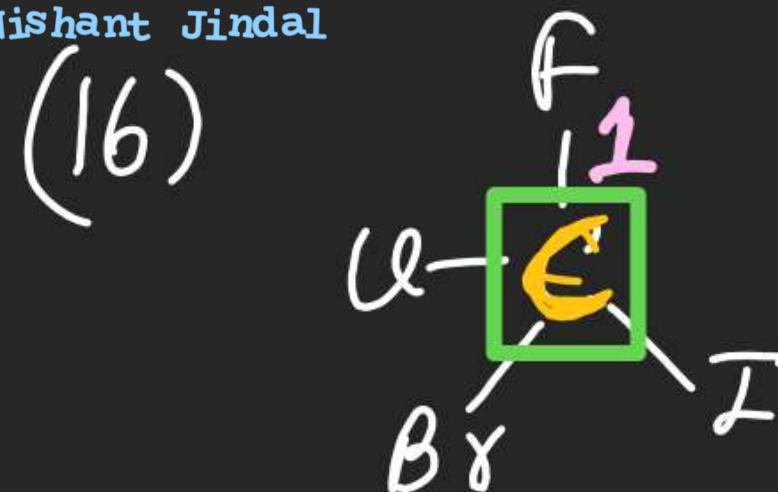
Cyclopentane



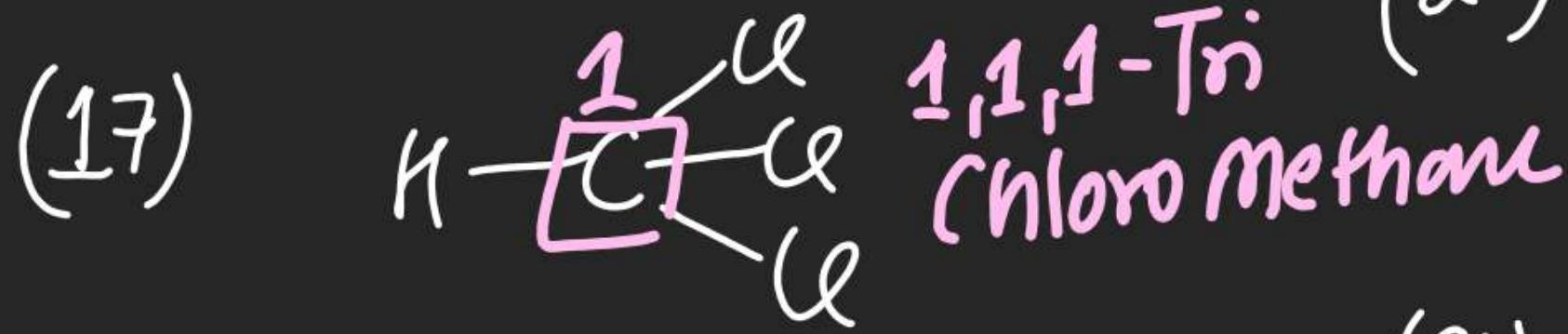
Cyclobutane



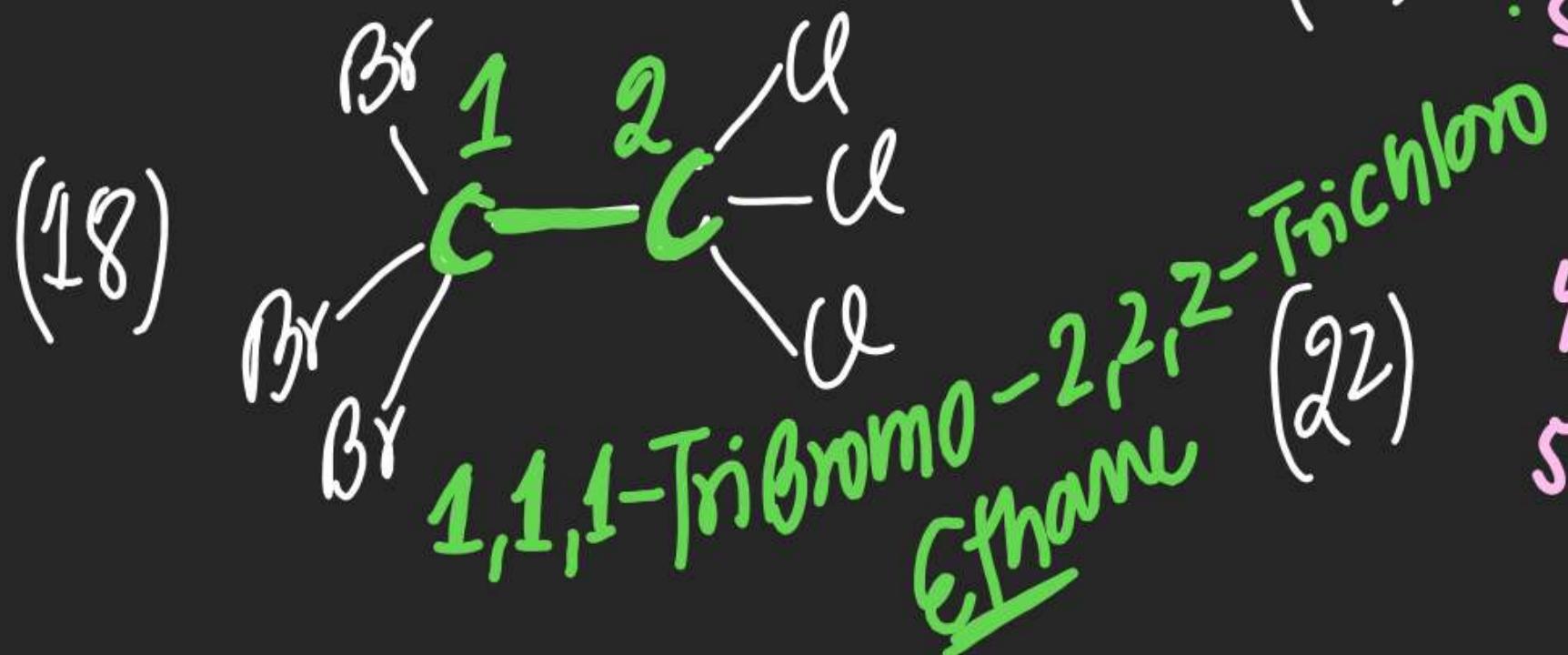
Cyclopropane



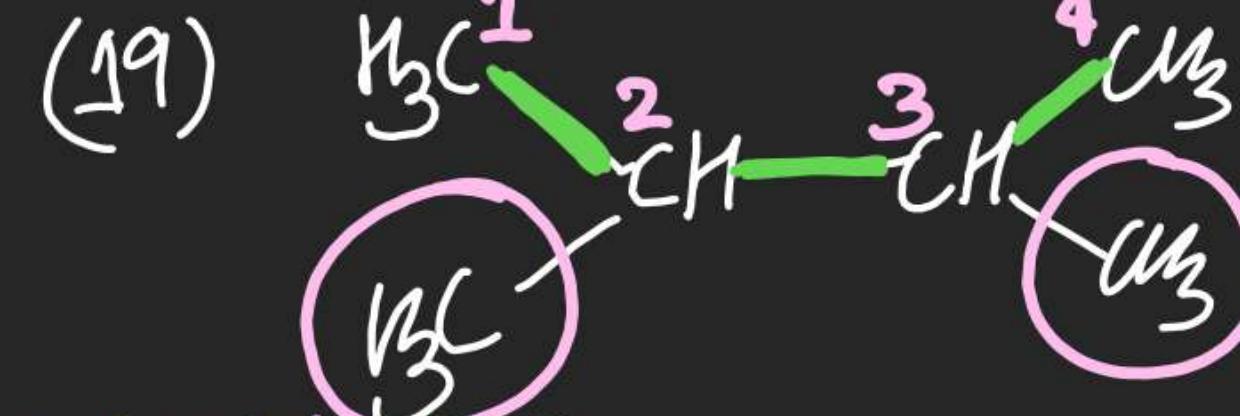
1-Bromo-1-chloro-1-fluoro-1-Iodo Methane



1,1,1-Trichloro Methane



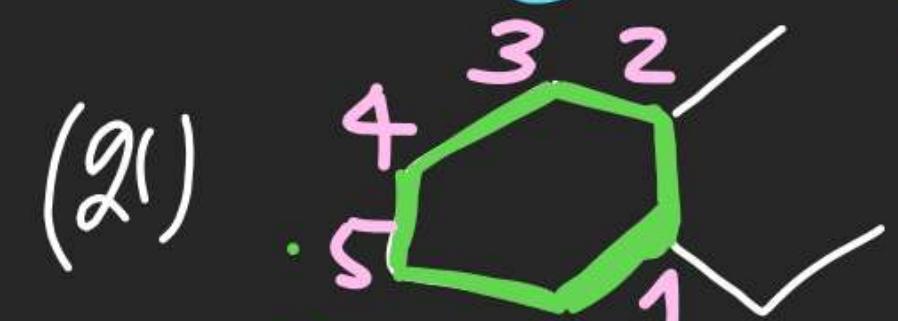
1,1,1-Tribromo-2-Chloro Ethane



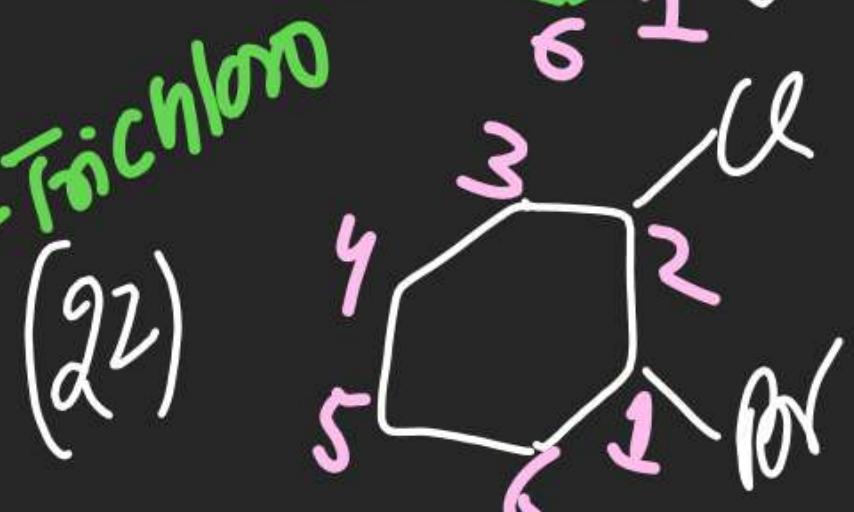
2,3-Dimethyl Butane



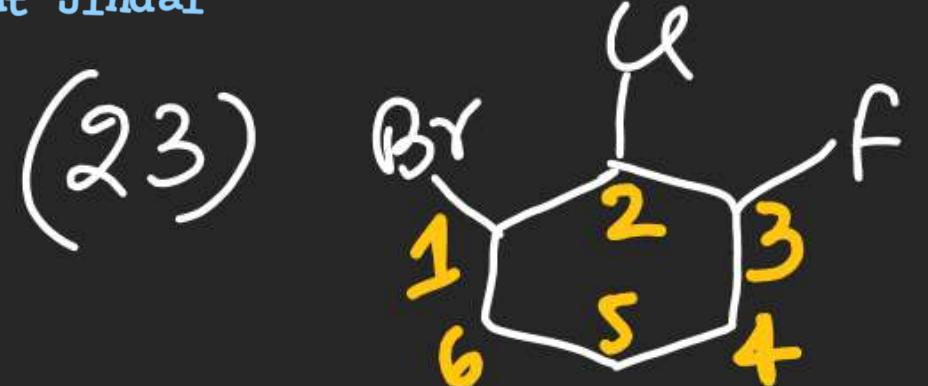
1-methyl Cyclohexane



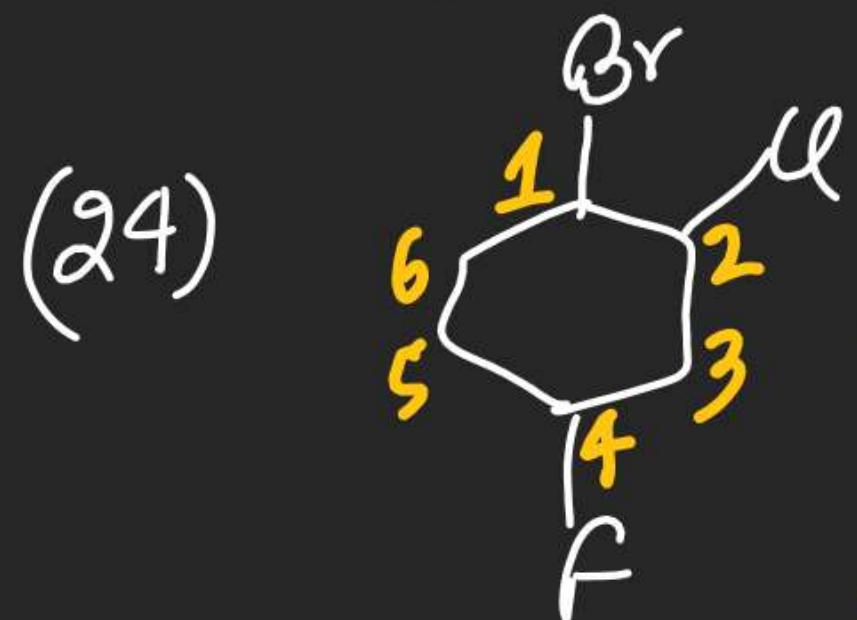
1-Ethyl-2-Methyl Cyclohexane



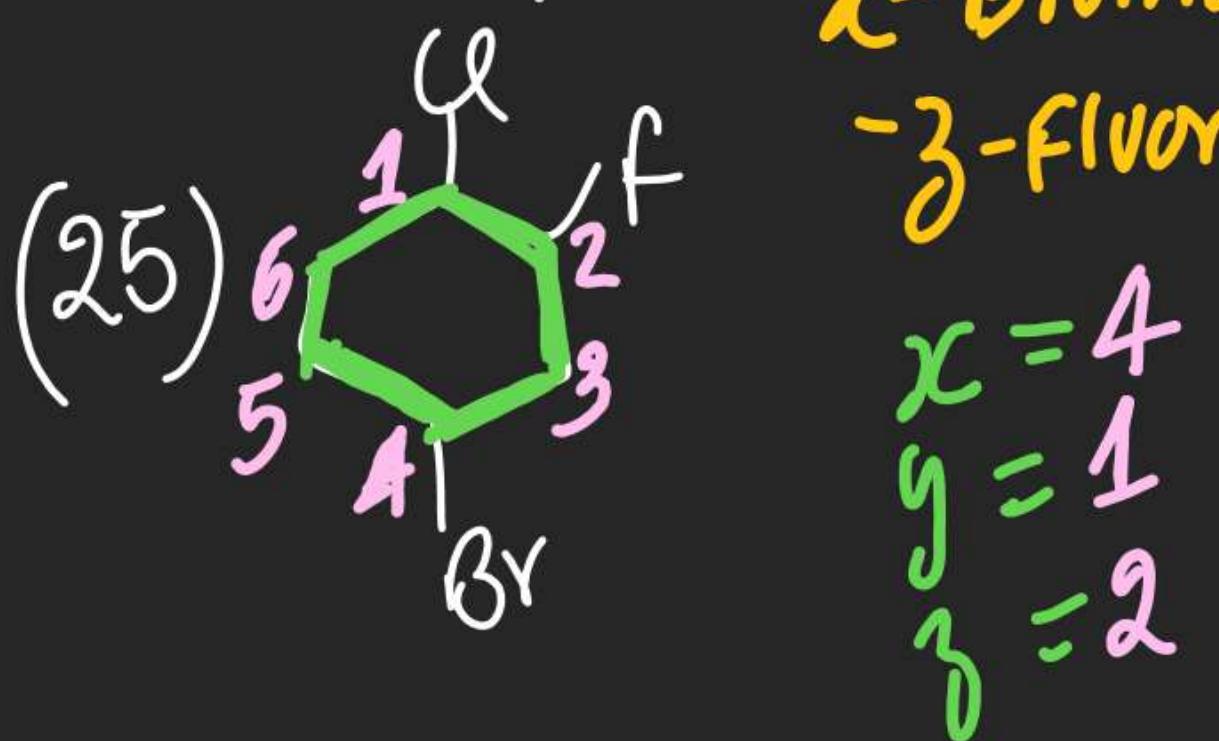
1-Bromo-2-Chloro Cyclohexane



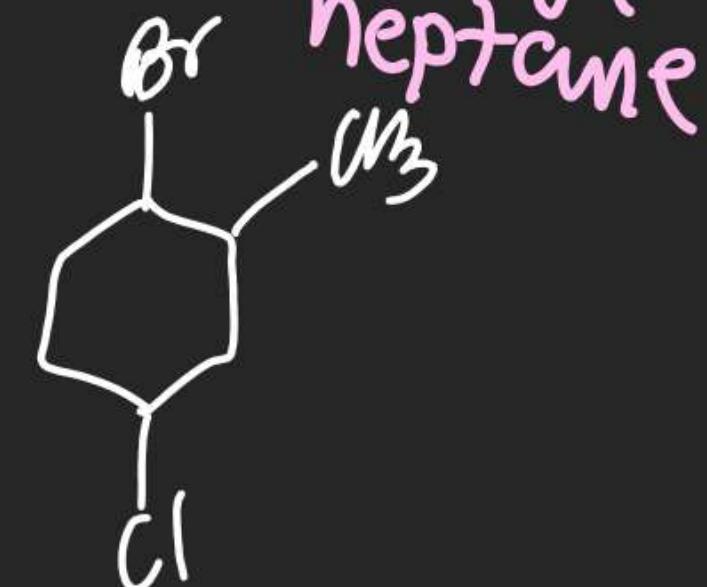
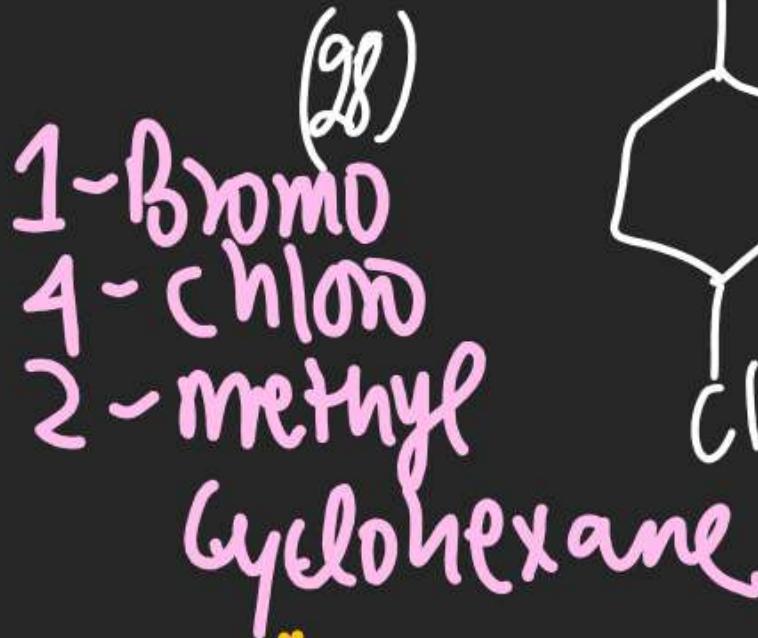
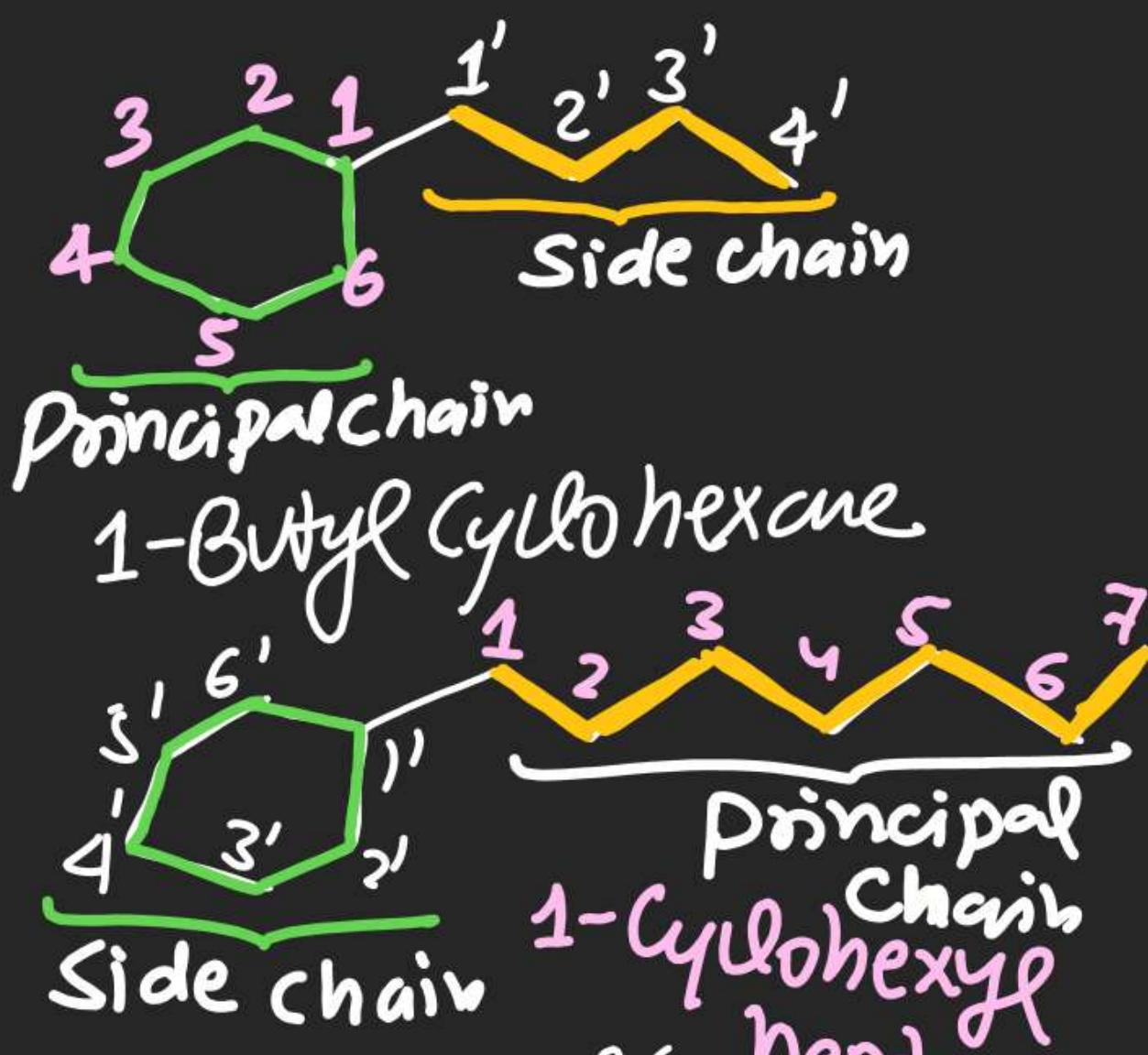
1-Bromo-2-chloro (26)
3-Fluoro Cyclohexane

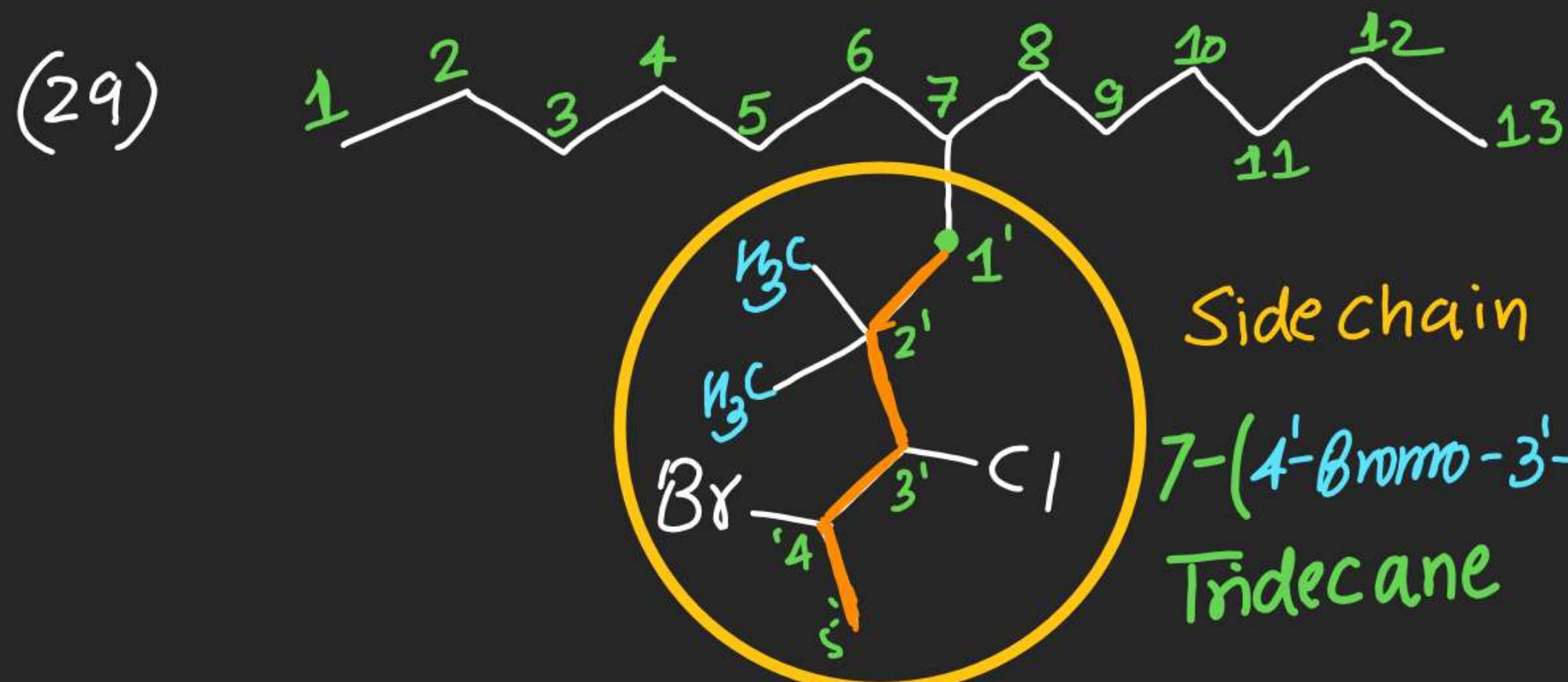


1-Bromo-2-chloro
4-Fluoro Cyclohexane (27)



α -Bromo- γ -chloro
-3-Fluoro Cyclohexane

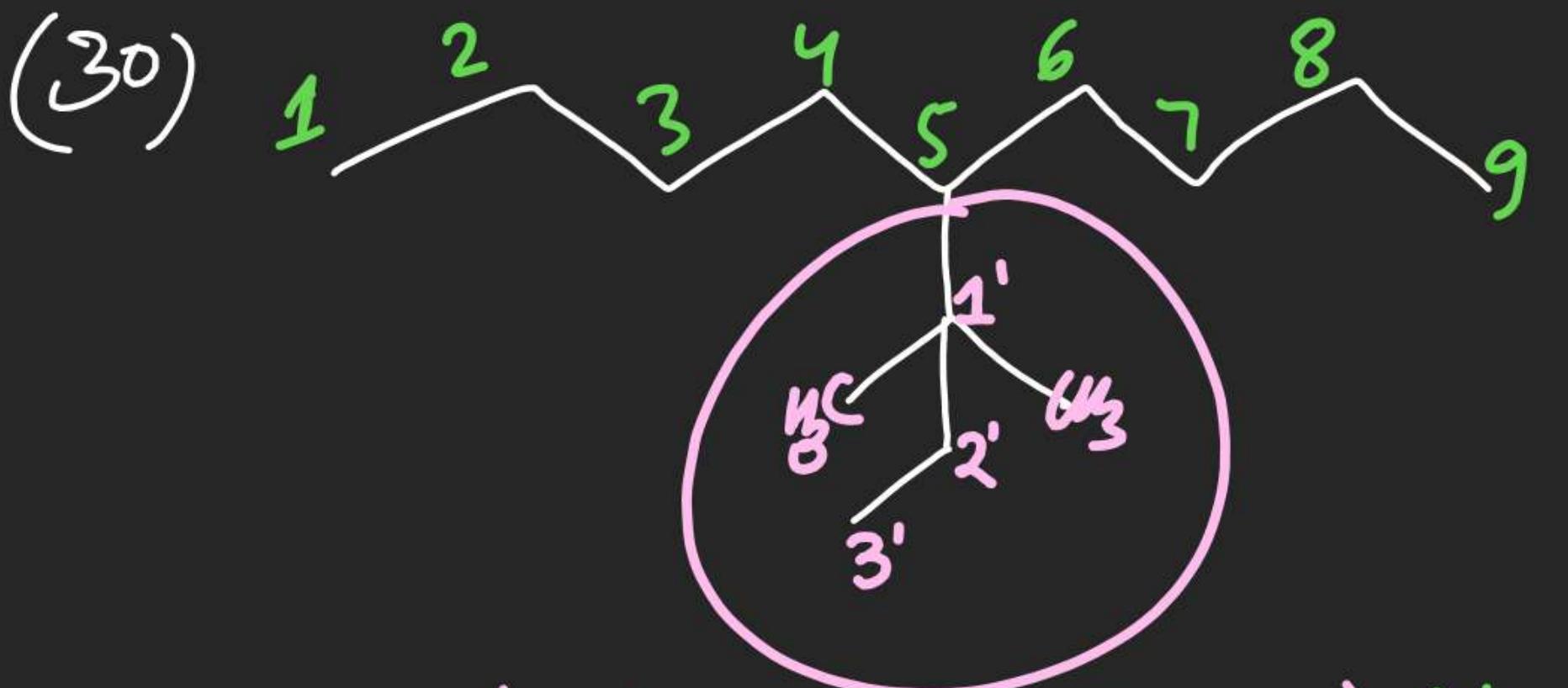




Naming of side chains

Rule-1: always assign No. 1 during No. to that carbon which is directly connected to principal chain

Rule-2: 1^{o} Suffix \Rightarrow yl

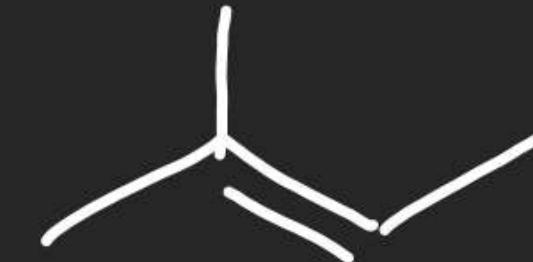


5-(1',1'-dimethylpropyl) Nonane

(31)



(32)



(33)



(34)



(35)



(36)



(37)



(38)

~~2P+PP+WR+IS+CS~~

Penta-1,3-diene

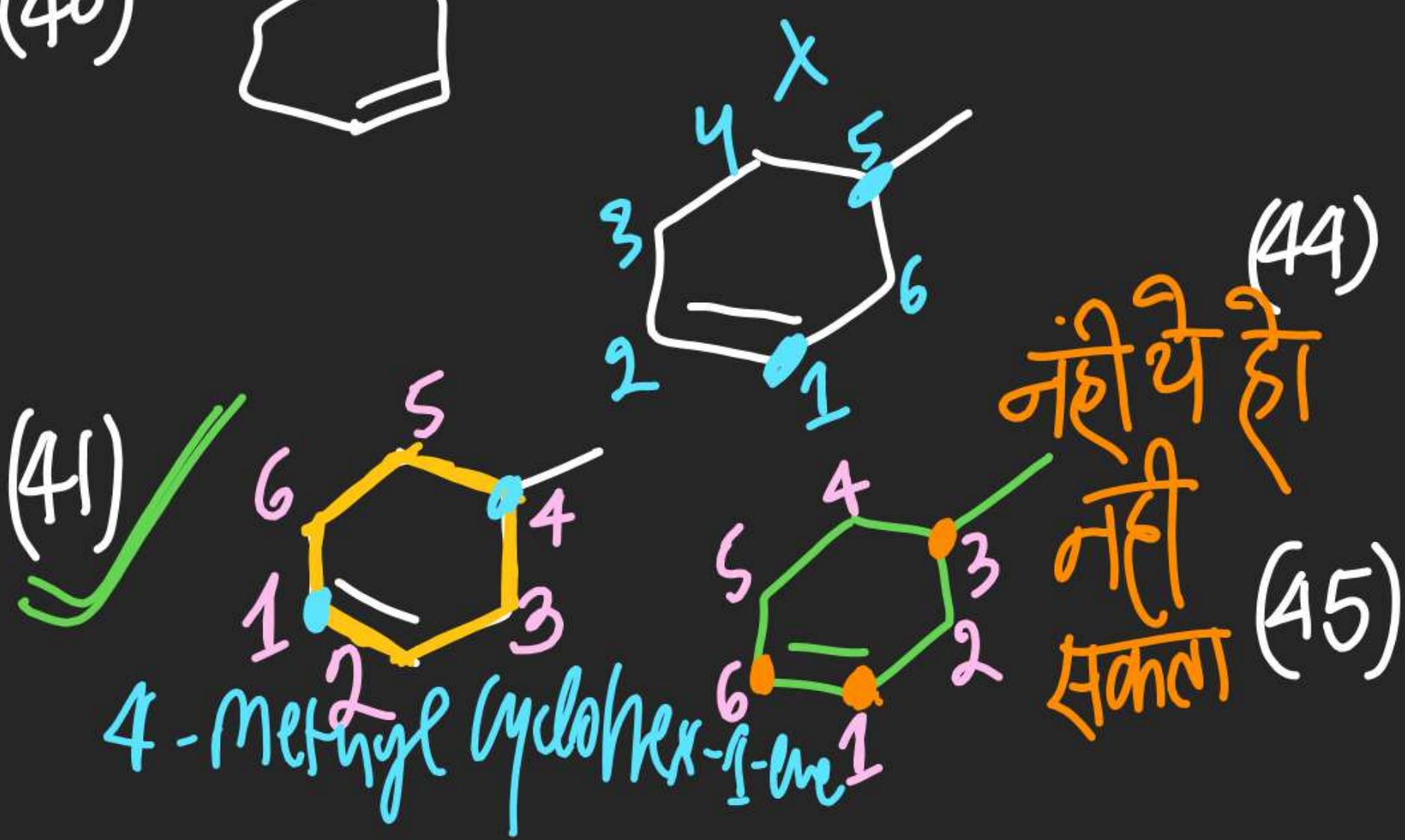
(39)



(40)



(41)



(42)



(43)



(44)



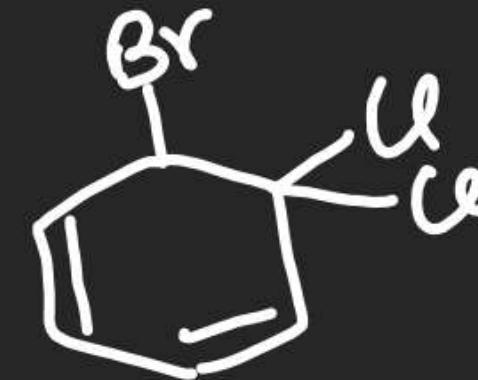
(45)



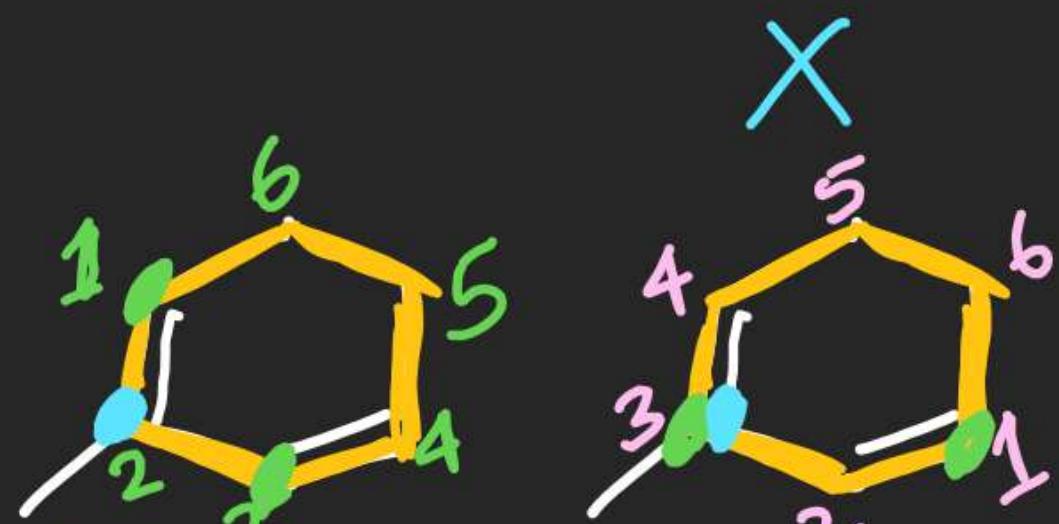
(46)



(49)

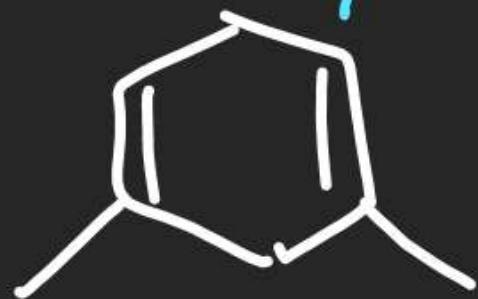


(47) ✓

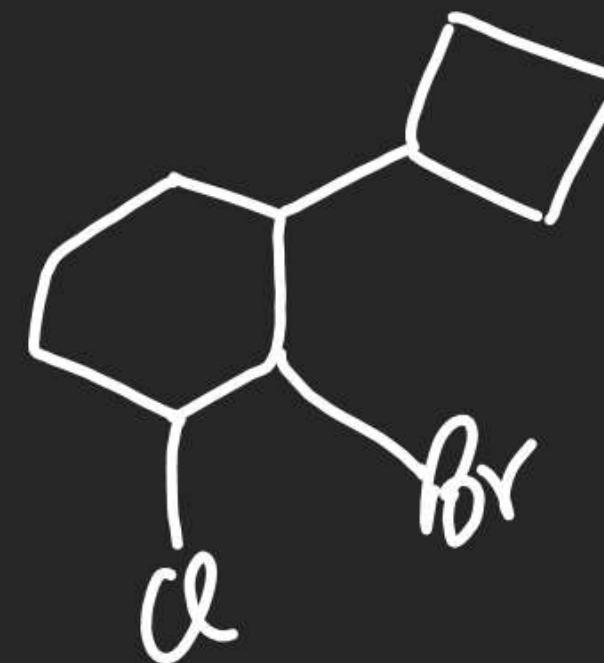


2-methyl Cyclohexa-1,3-diene

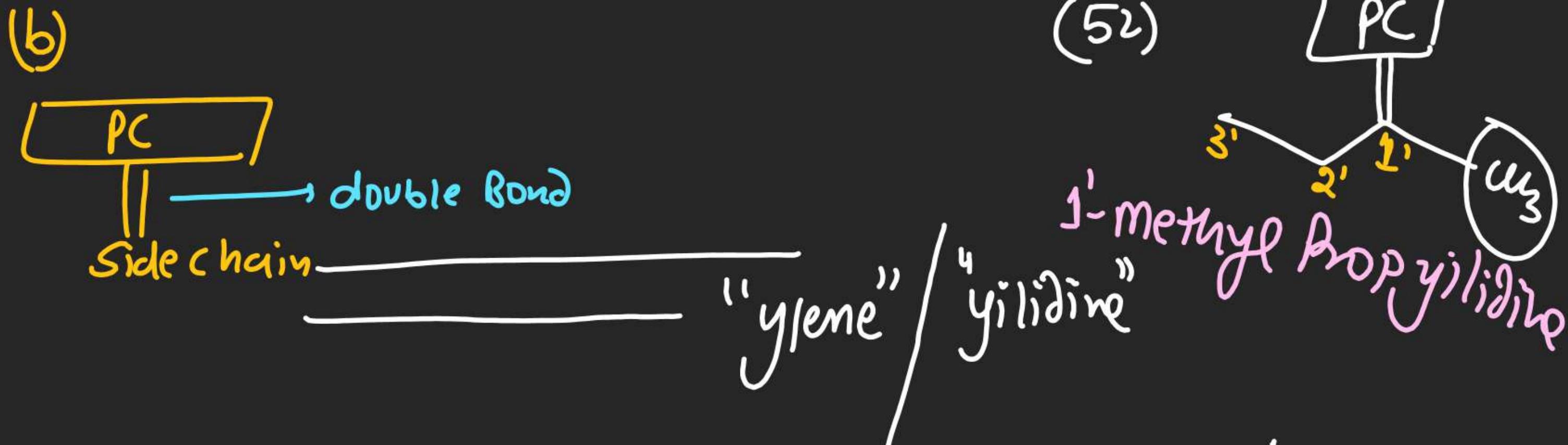
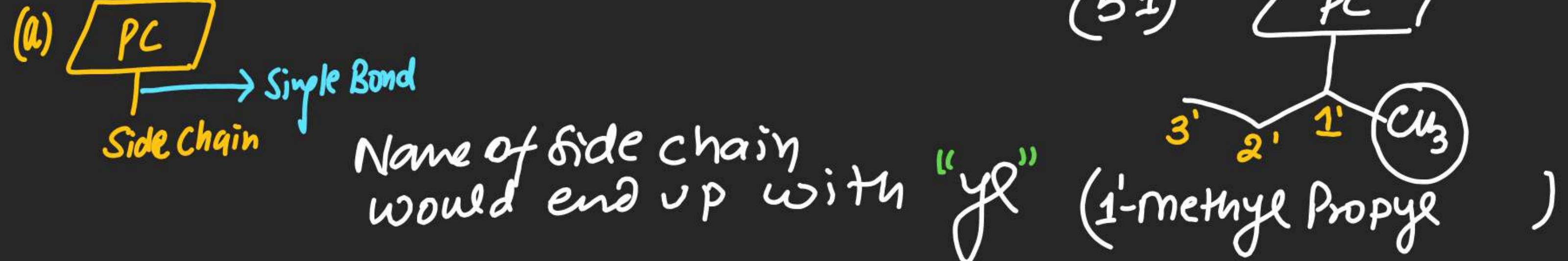
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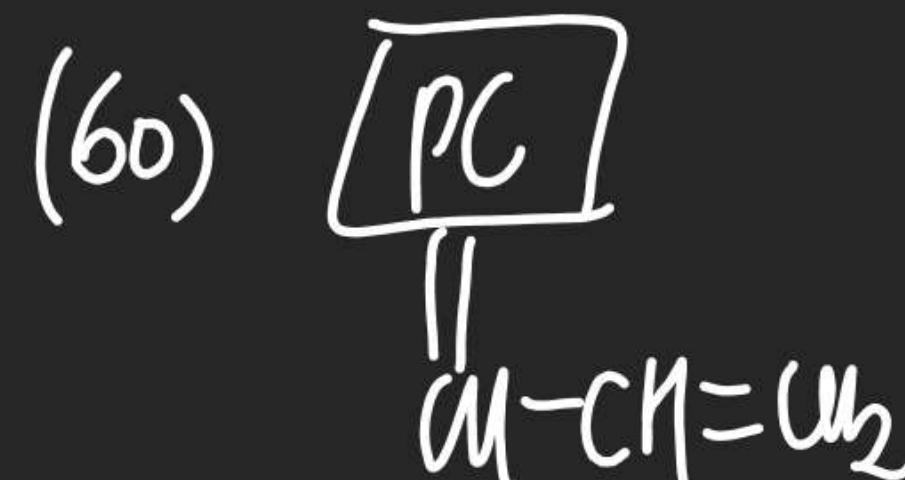
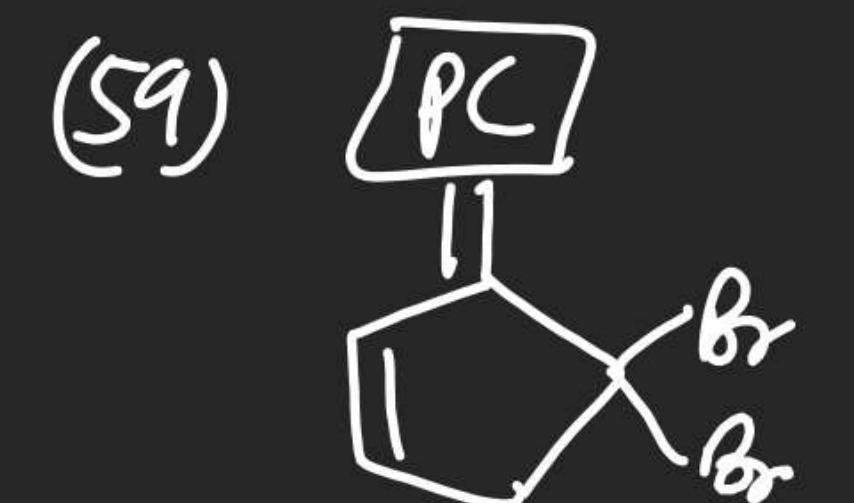
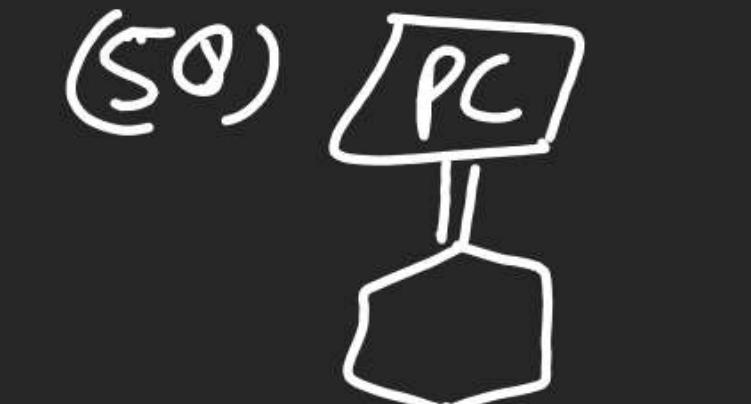
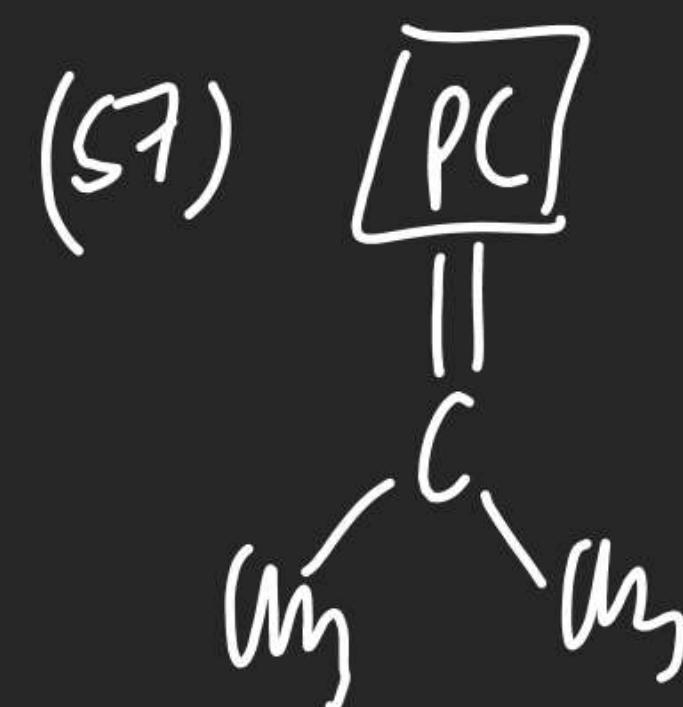
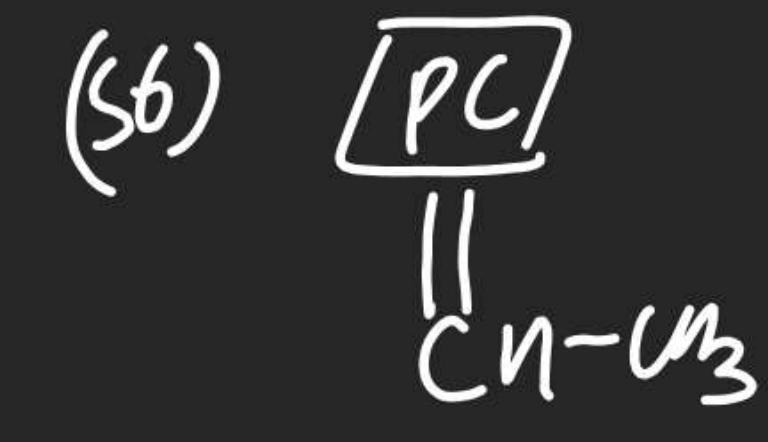
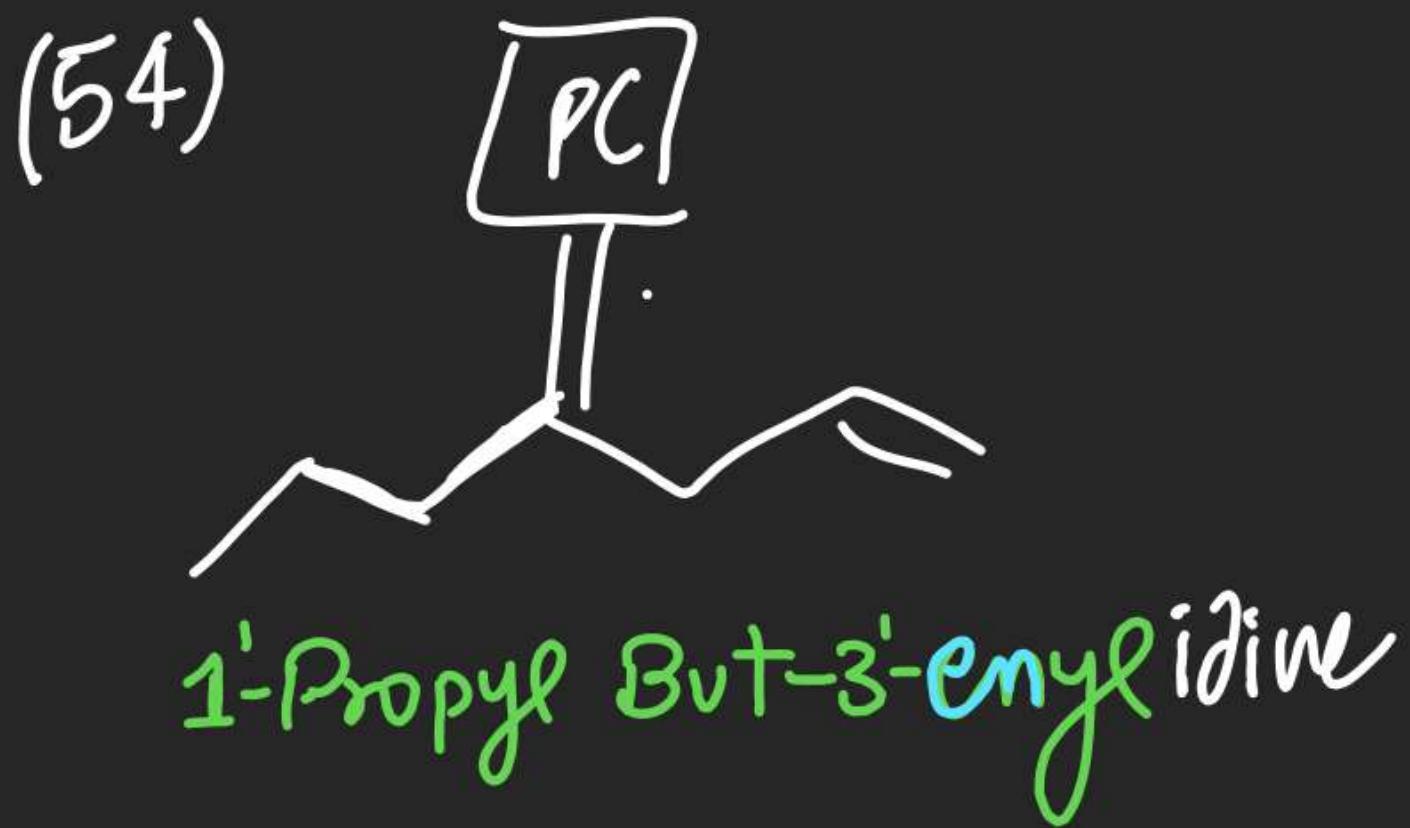
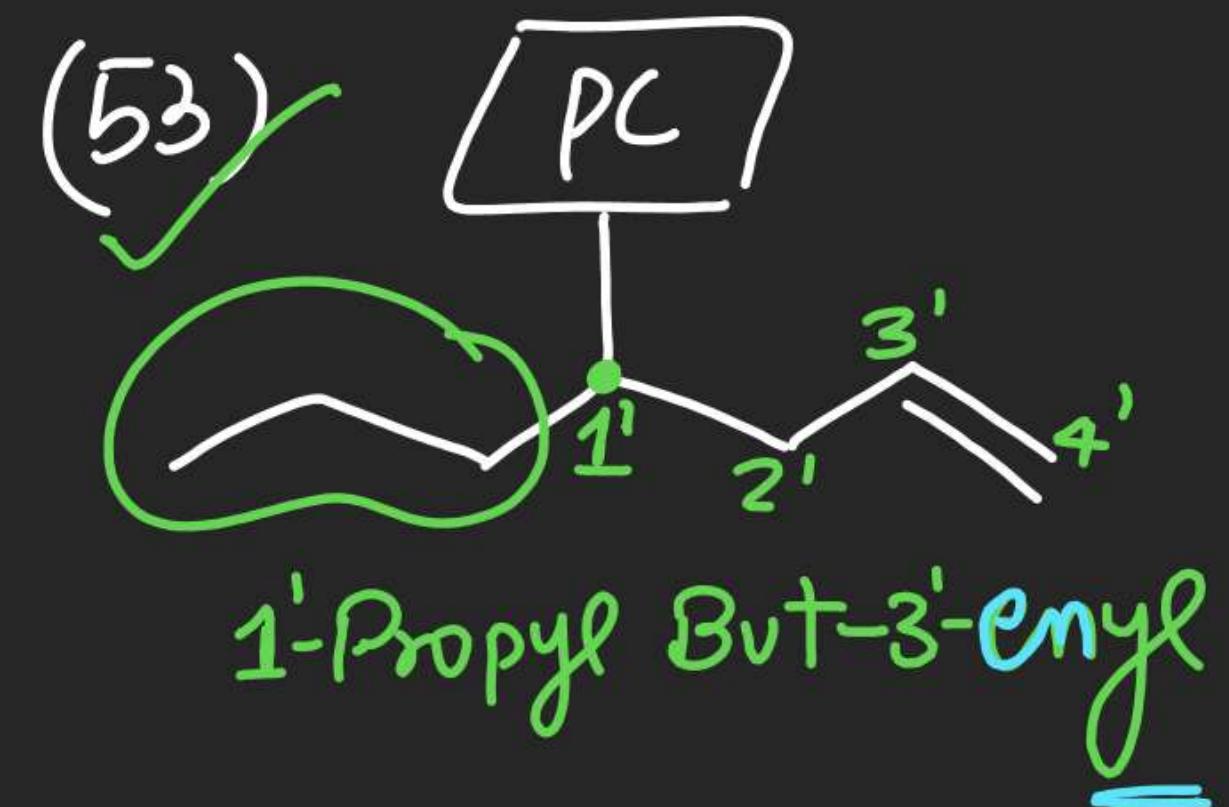


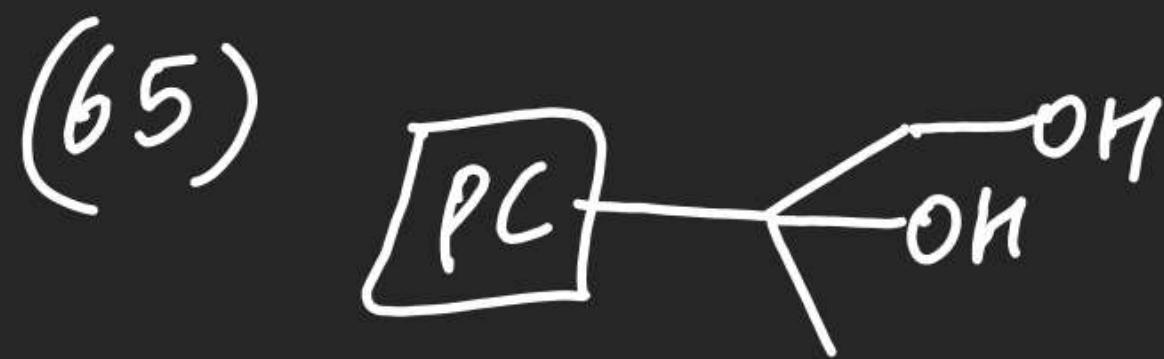
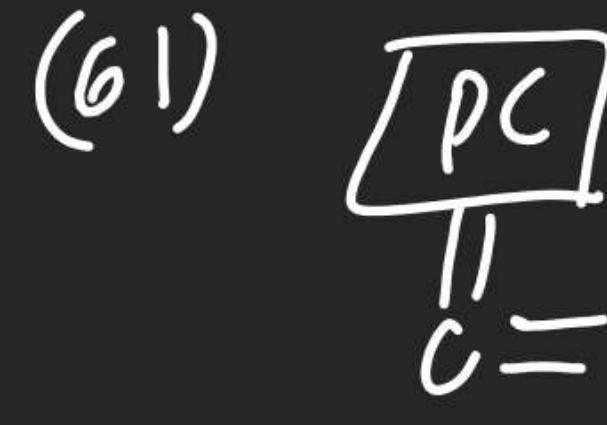
(50)



(#) IUPAC naming of Complex side chains







maths \Rightarrow
physics \Rightarrow

