

# NAMING ALKANES

CH 235 SI Trent Archie

-prefixes for varying number of carbons

1) meth

2) eth

3) prop

4) but

5) pent

6) hex

7) hept

8) oct

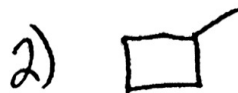
9) non

10) dec

Name the following compounds:



2-methylheptane



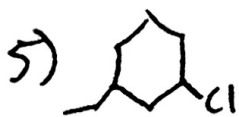
methylcyclobutane



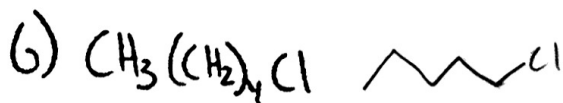
2,2-dimethylbutane



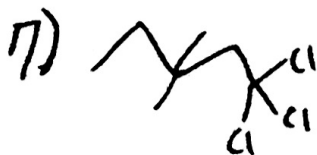
1-fluoropropane



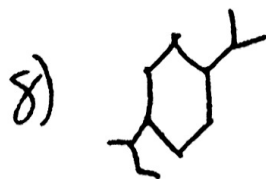
1-chloro-3-ethylcyclohexane



1-chloropentane



1,1,1-trichloro-2,2-dimethylpentane



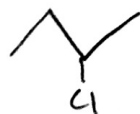
1-sec-butyl-4-isopropylcyclohexane

Draw all isomers and name them for the following :

1)  $C_5H_{12}$



2)  $CH_3CH_2CH_2CH_2Cl$



3) hexane

