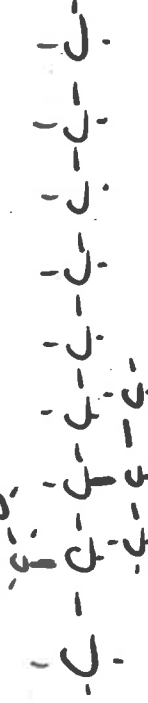


1. Draw a structural diagram for each organic compound:

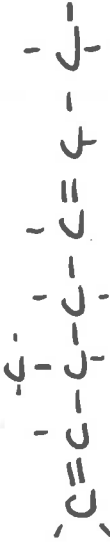
a) 2-ethyl-3-isopropylnonane



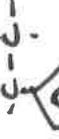
b) methylcyclopentane



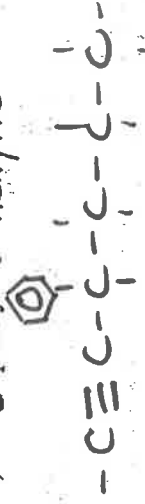
c) 3-methyl-1,5-heptadiene



d) p-diethylbenzene



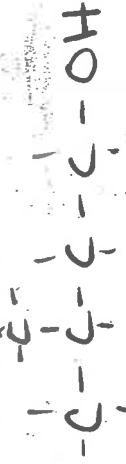
e) 3-phenyl-1-hexyne



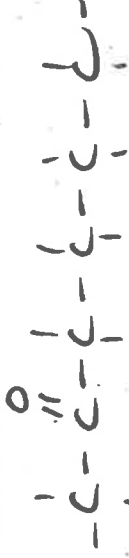
f) tetrafluoroethene



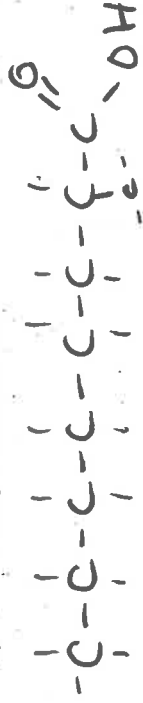
g) 3-methyl-1-butanol



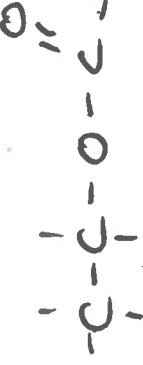
h) 2-hexanone



i) 2-butyloctanoic acid



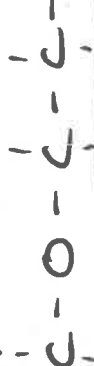
j) ethyl methanoate



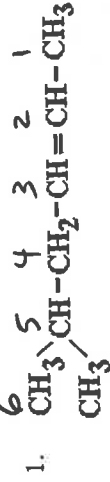
k) N-ethyl propanamide



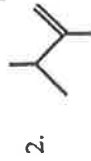
l) methoxyethane



2. Write the IUPAC name for the following structures:

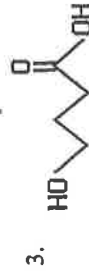


6-methyl-2-hexene



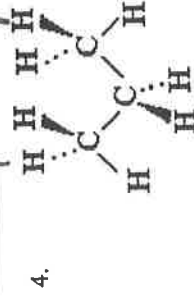
ethanamide

2,3-dimethyl-1-butene

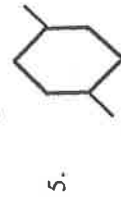


4-hydroxybutanoic acid

1,2-difluoropropane

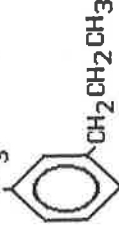


propane



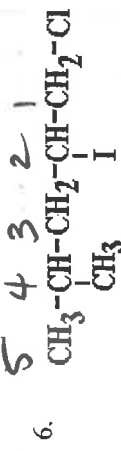
1,4-dimethylcyclohexane

1-hydroxy-4-methylbenzene
or 4-methylphenol



meta-methylpropylbenzene
3-methyl-1-propylbenzene

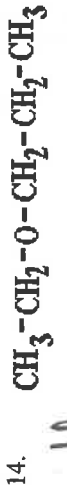
Answers



13. 1-chloro-2-iodo-4-methylpentane



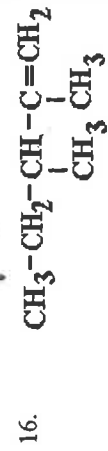
1,4-difluoro methane



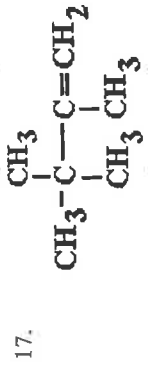
1-ethoxypropane



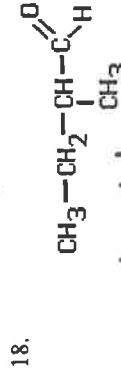
2-ethoxypropane



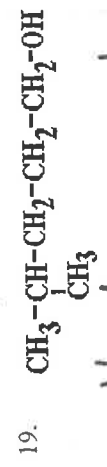
2,3-dimethyl-1-pentene



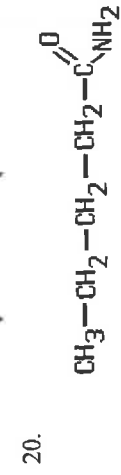
2,3,3-trimethyl-1-butene



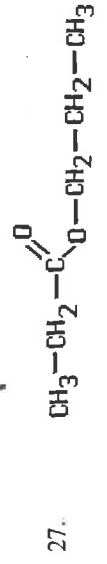
2-methylbutanal



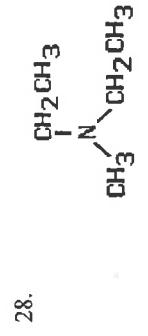
4-methyl-1-pentanol



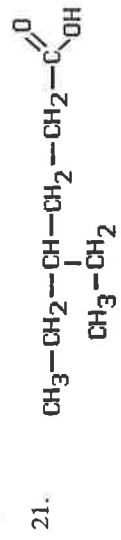
pentanamide



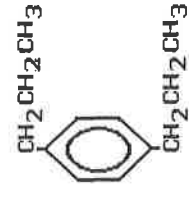
1-propyl propanoate



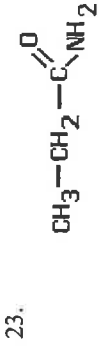
N-ethyl-N-methylethanamine



4-ethyl hexanoic acid



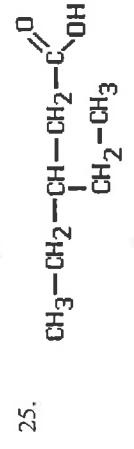
1,4-dipropyl benzene



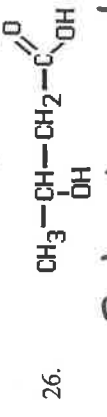
propanamide



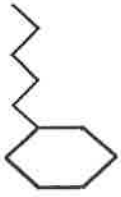
3-pentanone



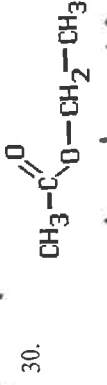
3-ethyl pentanoic acid



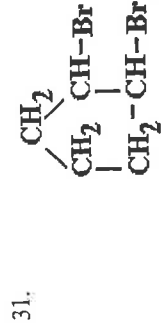
3-hydroxy butanoic acid



Pentyl cyclohexane



ethyl ethanoate



1,2-dibromo cyclopentane