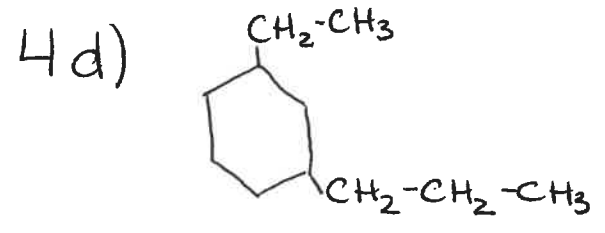


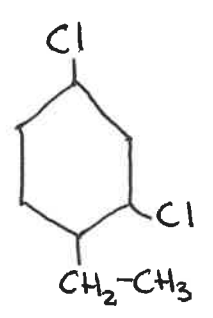
Pg 17 # 2e) 1,1 dimethylcyclohexane
f) isopropylcyclopentane

(1)

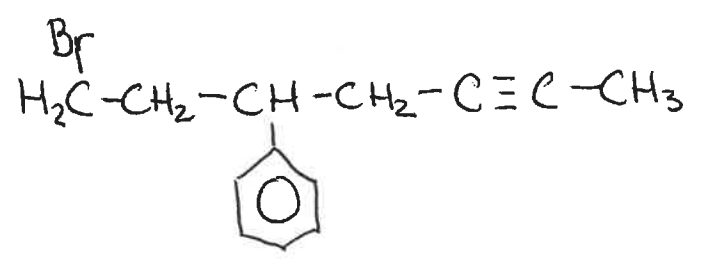


Pg 31 # 1 a) chlorobenzene
b) methylbenzene
c) phenylethene
d) 1,3-dimethylbenzene
e) 1-bromo-2-pentylbenzene

2 a)

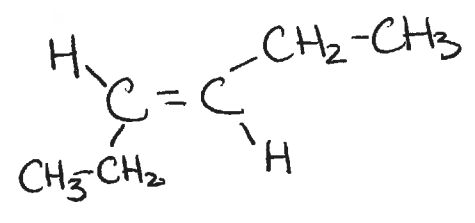
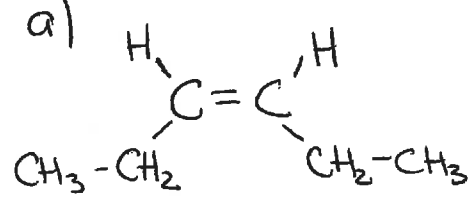


b)

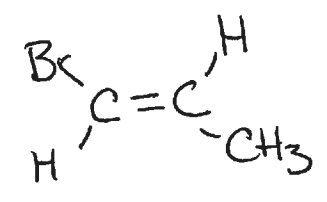
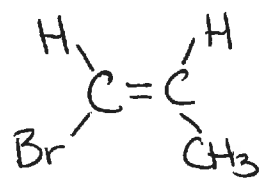


Pg 23 #

1 a)



b)

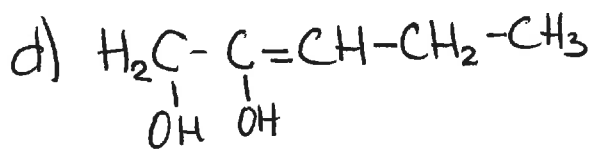
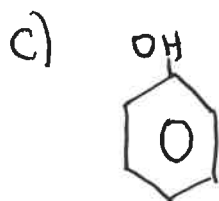
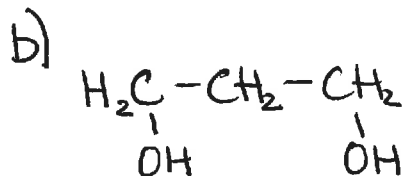
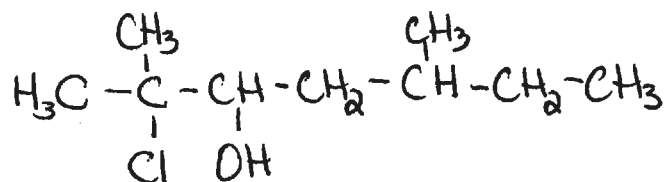


2 a) trans pent-2-ene

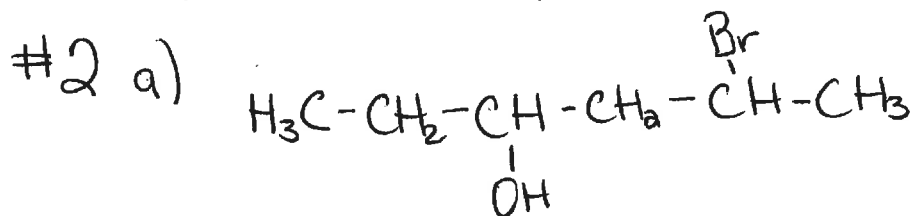
b) cis pent-2-ene

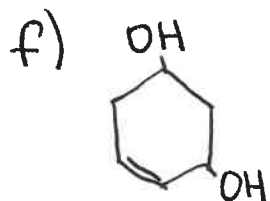
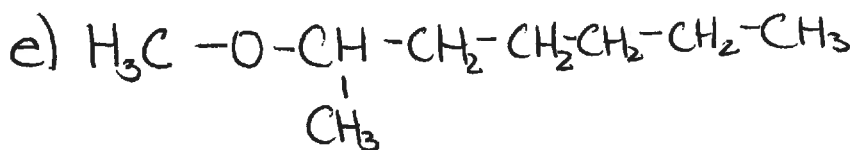
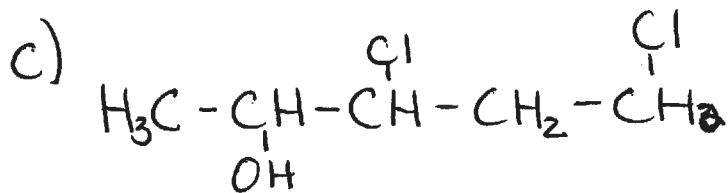
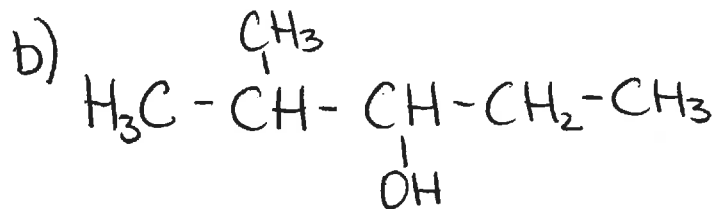
- Pg 34 #1 a) pentane 1,4-diol
 b) octan-4-ol
 c) benzene-1,3-diol

#2 a)

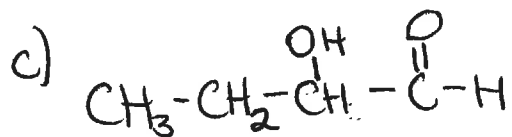
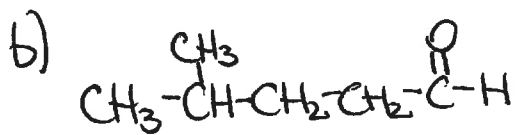
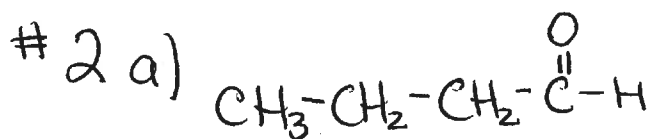


- Pg 39 #1 a) heptane-2,3-diol
 b) 3-methylhexan-2-ol
 c) 4-ethyl-5-methylheptan-3-ol
 d) cyclopentane-1,3-diol
 e) benzene-1,2,4-triol
 f) 1-propoxybutane
 g) 1-ethoxypentane
 h) ethanethiol

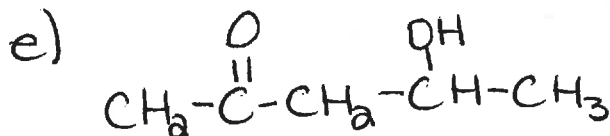
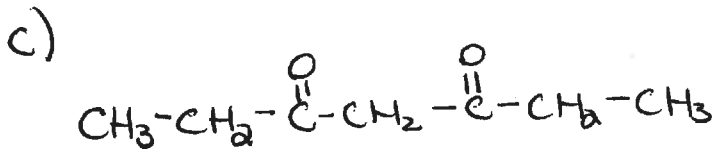
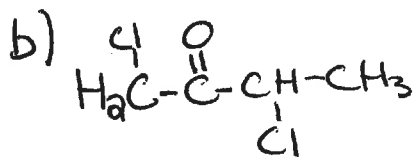
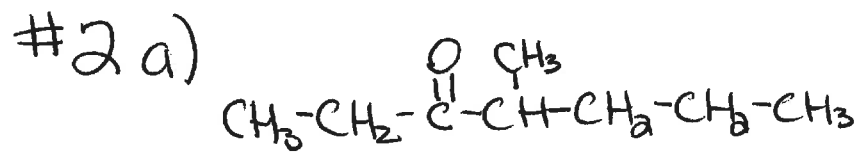




Pg 41 #1 a) pentanal b) 4-ethylhexanal
c) 4-chloropentanal



Pg 42 #1 a) butanone b) 2-methylhexan-3-one
c) cyclohexanone

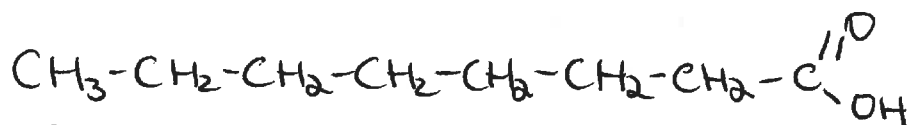


Pg 46 #1

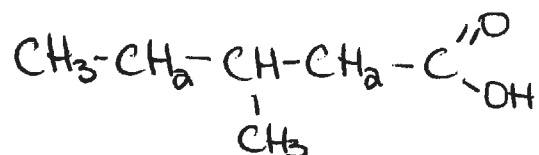
Name	Condensed structure	Line diagram or structural formula	Type of compound
heptanal	$\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CHO}$		aldehyde
heptan-4-one	$\text{CH}_3\text{CH}_2\text{CH}_2\text{COCH}_2\text{CH}_2\text{CH}_3$		ketone
pentan-3-one	$\text{CH}_3\text{CH}_2\text{COCH}_2\text{CH}_3$		ketone
1-chlorobutan-2-one	$\text{CH}_2\text{ClCOCH}_2\text{CH}_3$		ketone
3-methylpentanal	$\text{CH}_3\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{CHO}$		aldehyde
2-methylbutanal	$\text{CH}_3\text{CH}_2\text{CH}(\text{CH}_3)\text{CHO}$		aldehyde

- Pg 48 # 1
- decanoic acid
 - butanoic acid
 - 3-methylheptanoic acid

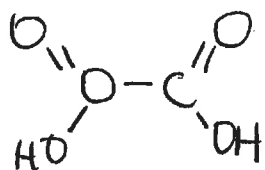
2 a)



b)



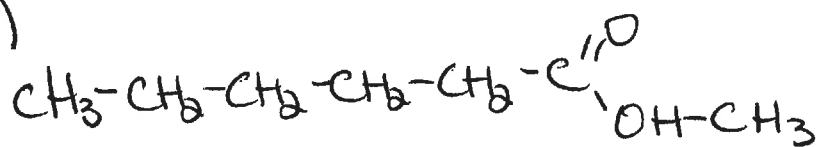
c)



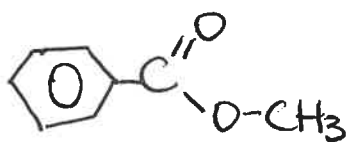
Pg 50 # 1

- ethyl pentanoate
- methyl decanoate
- butyl methanoate
- propyl benzoate

2 a)



b)



Pg 58 # 1

6

a) butan-2-amine

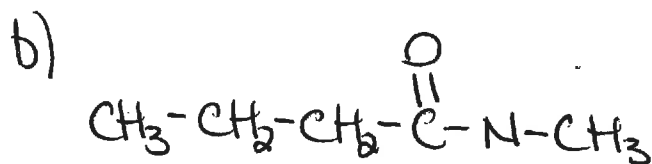
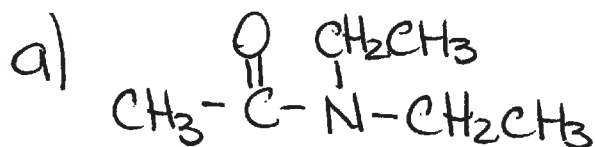
b) N,N-diethylbutan-1-amine

c) N-methyl-N-propylpropan-1-amine

d) Octan-3-amine

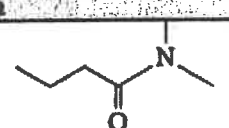

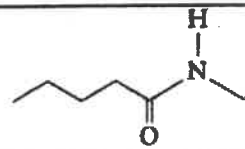



e) N-ethylbutan-2-amine

Pg 60 # 2

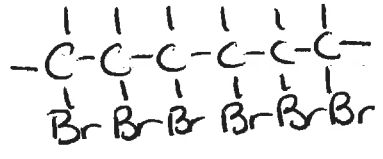


Pg 62 # 2

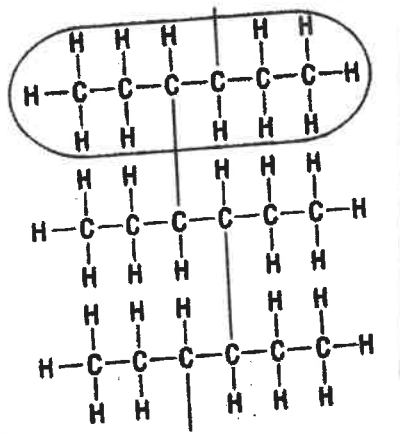
Table 2

Name	Condensed structure	Line diagram or structural formula	Type of compound
<i>N,N</i> -dimethylbutanamide	$\text{CH}_3\text{CH}_2\text{CH}_2\text{CON}(\text{CH}_3)_2$		amide
propan-1-amine	$\text{CH}_3\text{CH}_2\text{CH}_2\text{NH}_2$		amine
<i>N</i> -ethylpentanamide	$\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{CONHCH}_2\text{CH}_3$		amide
<i>N</i> -methylpentan-1-amine	$\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{NHCH}_3$		amine
<i>N</i> -methylbutan-1-amine	$\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{NHCH}_3$		amine
<i>N</i> -propylbutan-1-amine	$\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{NHCH}_2\text{CH}_2\text{CH}_3$		amine

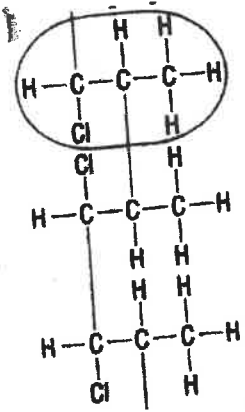
a) Polydibromoethene



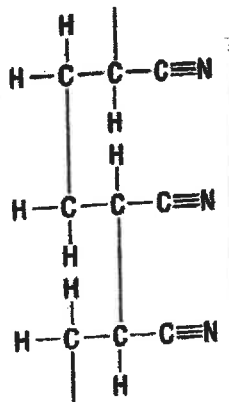
b) polyhex-3-ene



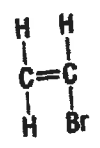
c) poly-1-chloropropene



#2 Cyanoethene

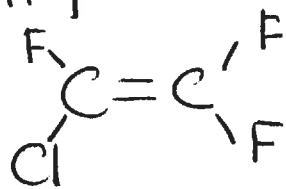


#3 Bromoethene



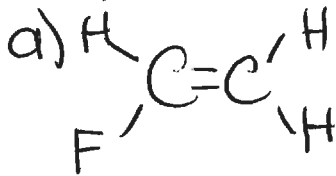
Pg 93 #1

(8)



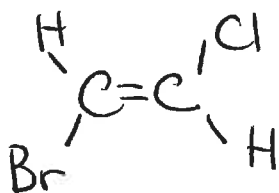
chlorotrifluoroethene

#2



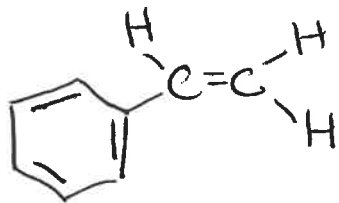
fluoroethene

b)



trans-1-bromo-2-chloroethene

c)



phenylethene