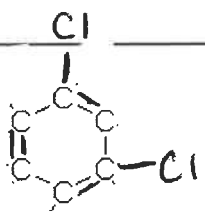
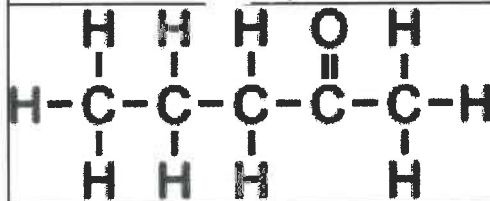
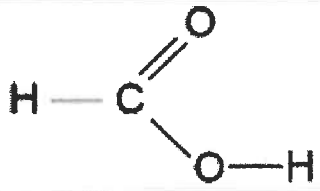
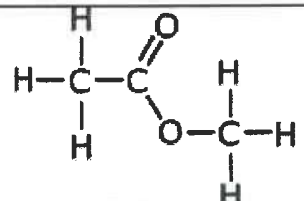
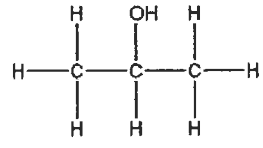
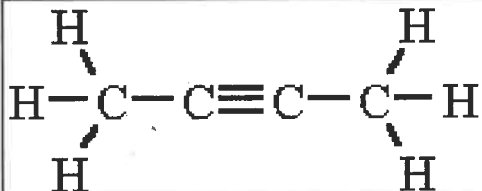
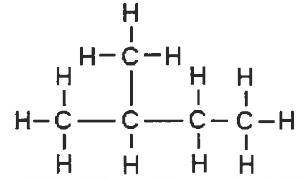
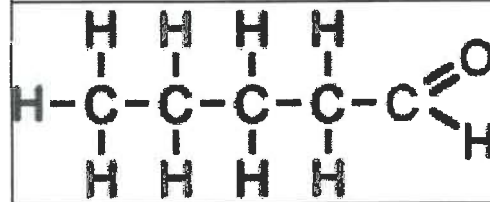


	Functional Gr ^s	Name ^s
	Aromatic ring	1,3-dichlorobenzene
	ketone	
	carboxylic acid	methanoic acid
	ester	methyl ethanoate
	alcohol	2-propanol
	alkyne	2-butyne
	alkane	2-methylbutane
	aldehyde	

B. Draw structural formulas for the following.

Name	Structure
propane	$\text{CH}_3 - \text{CH}_2 - \text{CH}_3$
2-methylpropane	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3 - \text{C} - \text{CH}_3 \\ \\ \text{CH}_3 \end{array}$
propanoic acid	$\text{CH}_3 - \text{CH}_2 - \overset{\text{O}}{\parallel} \text{C} - \text{O} - \text{H}$
dimethyl propane	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3 - \text{C} - \text{CH}_3 \\ \\ \text{CH}_3 \end{array}$
hexanol	$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2\text{OH}$

2,3-dimethylhexane	$ \begin{array}{ccccccc} & & \text{CH}_3 & & & & \\ & & & & & & \\ \text{CH}_3 & - & \text{CH} & - & \text{CH} & - & \text{CH}_2 - \text{CH}_2 - \text{CH}_3 \\ & & & & & & \\ & & & & \text{CH}_3 & & \end{array} $
2-butanol	$ \begin{array}{cccc} & & \text{OH} & \\ & & & \\ \text{CH}_3 & - & \text{CH} & - \text{CH}_2 - \text{CH}_3 \end{array} $
ethene	$\text{H}_2\text{C} = \text{CH}_2$
propyne	$\text{CH}_3 - \text{C} \equiv \text{CH}$
2-methylpropene	$ \begin{array}{ccc} & & \text{CH}_3 \\ & & \\ \text{CH}_3 & - & \text{C} = \text{CH}_2 \end{array} $

2-chloropentane	$\begin{array}{c} \text{Cl} \\ \\ \text{CH}_3 - \text{CH} - \text{CH}_2 - \text{CH}_2 - \text{CH}_3 \end{array}$
3-ethyl-2-methylpentane	$\begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_3 - \text{CH} - \text{CH} - \text{CH}_2 - \text{CH}_3 \\ \\ \text{CH}_2 - \text{CH}_3 \end{array}$
2-heptanol	$\begin{array}{c} \text{OH} \\ \\ \text{CH}_3 - \text{CH} - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3 \end{array}$
methyl propanoate	$\text{CH}_3 - \text{CH}_2 - \overset{\text{O}}{\parallel} \text{C} - \text{O} - \text{CH}_3$
methylbenzene	