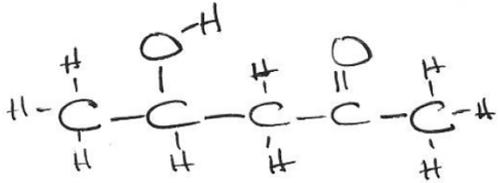
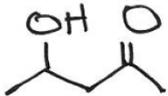
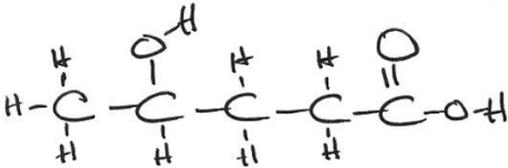
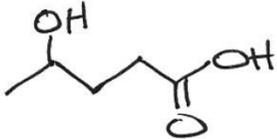
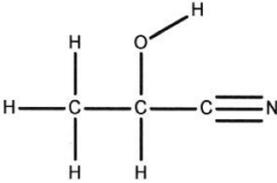
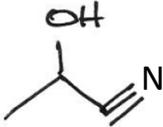
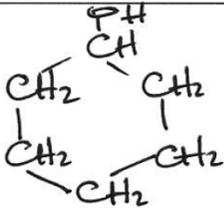
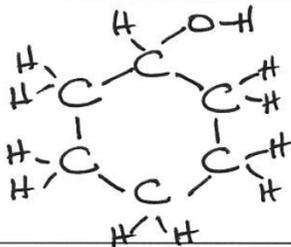
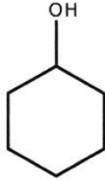
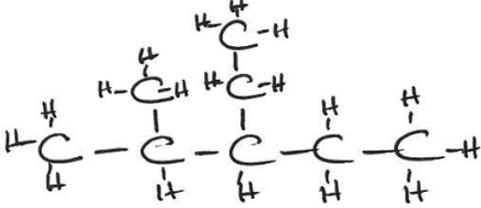
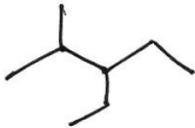
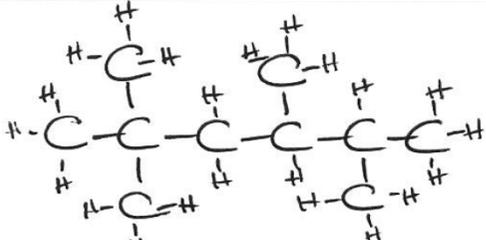
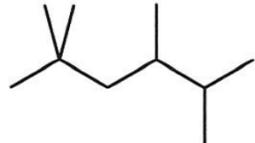
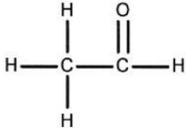
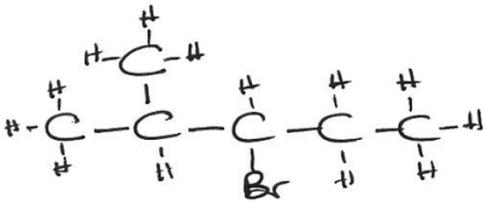
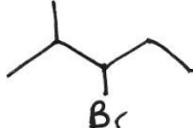
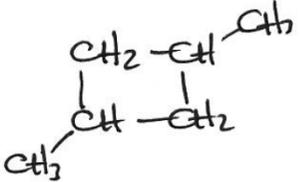
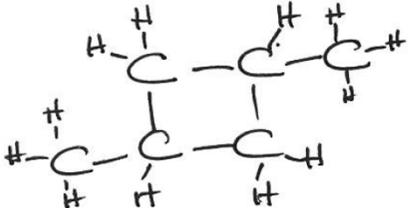
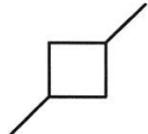
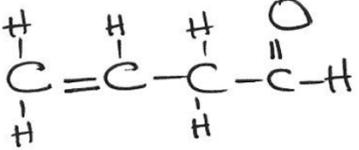
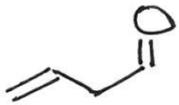




ORGANIC NOMENCLATURE 3

Q	Name	Structural formula	Displayed formula	Skeletal formula
1	2,3-dimethylbut-1-ene	$\begin{array}{c} \text{CH}_3 \quad \text{CH}_3 \\ \quad \\ \text{CH}_3 - \text{CH} - \text{C} = \text{CH}_2 \end{array}$		
2	2,2,4-trimethylpentane	$\begin{array}{c} \text{CH}_3 \quad \quad \text{CH}_3 \\ \quad \quad \\ \text{CH}_3 - \text{CH} - \text{CH}_2 - \text{C} - \text{CH}_3 \\ \\ \text{CH}_3 \end{array}$		
3	but-1-en-3-ol (3-hydroxybut-1-ene)	$\text{CH}_2 = \text{CH} - \overset{\text{OH}}{\text{CH}} - \text{CH}_3$		
4	2-fluorohex-3-ene	$\text{CH}_3\text{CH}_2\text{CH}=\text{CHCHFCH}_3$		
5	1-chlorobut-2-ene	$\begin{array}{c} \text{Cl} \\ \\ \text{CH}_2 - \text{CH} = \text{CH} - \text{CH}_3 \end{array}$		

6	4-hydroxypentan-2-one	$\text{CH}_3\text{CH}(\text{OH})\text{CH}_2\text{COCH}_3$		
7	4-hydroxypentanoic acid	$\text{CH}_3\text{CH}(\text{OH})\text{CH}_2\text{CH}_2\text{COOH}$		
8	2-hydroxypropanenitrile	$\text{CH}_3\text{CH}(\text{OH})\text{CN}$		
9	cyclohexanol			
10	3-ethyl-2-methylpentane	$\text{CH}_3\text{CH}(\text{CH}_3)\text{CH}(\text{CH}_2\text{CH}_3)\text{CH}_2\text{CH}_3$		

11	2,2,4,5-tetramethyl hexane	$ \begin{array}{ccccccc} & \text{CH}_3 & & \text{CH}_3 & \text{CH}_3 & & \\ & & & & & & \\ \text{CH}_3 & - \text{C} & - & \text{CH}_2 & - & \text{CH} & - & \text{CH} & - & \text{CH}_3 \\ & & & & & & & & & \\ & \text{CH}_3 & & & & & & & & \end{array} $		
12	ethanal	CH_3CHO		
13	3-bromo-2-methyl pentane	$ \begin{array}{ccccccc} & \text{CH}_3 & & \text{Br} & & & \\ & & & & & & \\ \text{CH}_3 & - \text{CH} & - & \text{CH} & - & \text{CH}_2 & - & \text{CH}_3 \end{array} $		
14	1,3-dimethylcyclobutane			
15	but-3-enal	$\text{CH}_2=\text{CH}-\text{CH}_2-\text{CHO}$		

16	3-methylpentan-2-one	$\text{CH}_3\text{-CH}_2\text{-}\overset{\text{CH}_3}{\underset{ }{\text{C}}}\text{-}\overset{\text{O}}{\parallel}{\text{C}}\text{-CH}_2\text{-CH}_3$		
17	2-chloro-4-ethylhex-3-ene	$\text{CH}_3\text{CHClCH}=\text{C}(\text{C}_2\text{H}_5)_2$		
18	3,4-dihydroxy-5-methylhex-1-ene	$\text{CH}_2=\overset{\text{OH}}{\underset{ }{\text{C}}}\text{-}\overset{\text{OH}}{\underset{ }{\text{C}}}\text{-}\overset{\text{CH}_3}{\underset{ }{\text{C}}}\text{-CH}_2\text{-CH}_2\text{-CH}_3$		
19	1-chlorobutanone	$\text{Cl-CH}_2\text{-}\overset{\text{O}}{\parallel}{\text{C}}\text{-CH}_2\text{-CH}_2\text{-CH}_3$		
20	3-hydroxy-3-methylbutanoic acid	$(\text{CH}_3)_2\text{C}(\text{OH})\text{CH}_2\text{COOH}$		