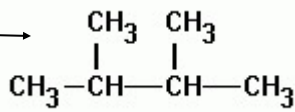
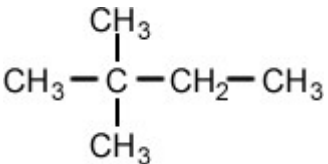
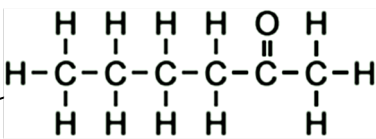
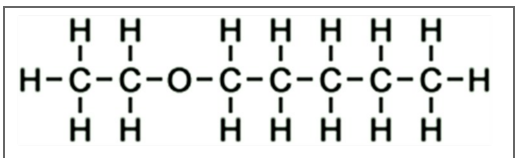
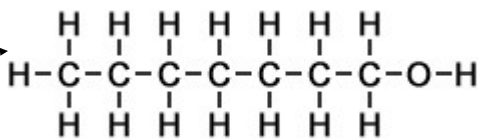
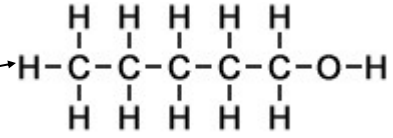
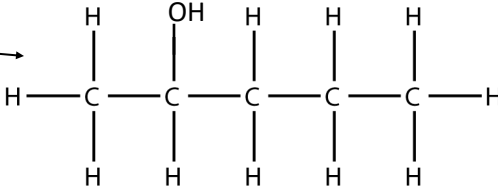
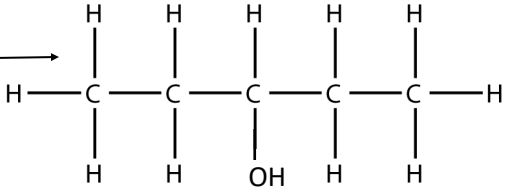
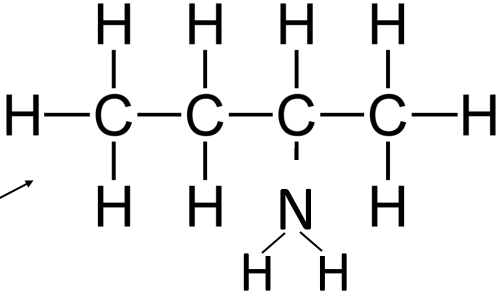
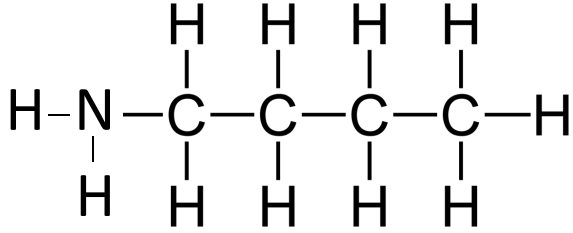


Answer Sheet for 100 Organic Questions

A	1
D	2
C	3
B	4
C	5
C	6
D	7
B	8
D	9
ALKENE	10
A	11
B	12
B	14
84g/mole	15
D	16
B	17
A	18
B	19
10	20
4 + 6	21
5 + 9	22
8	23

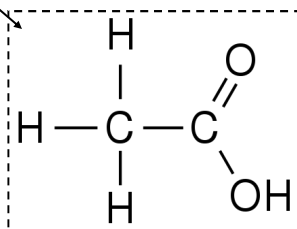
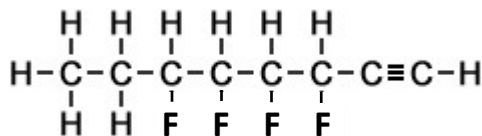
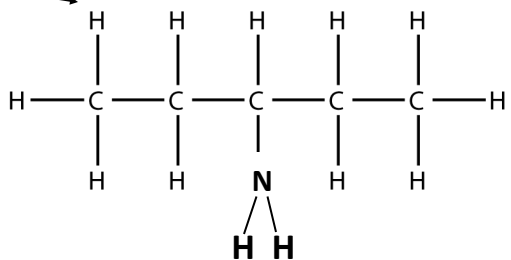
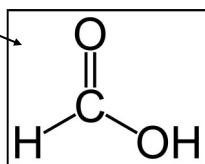
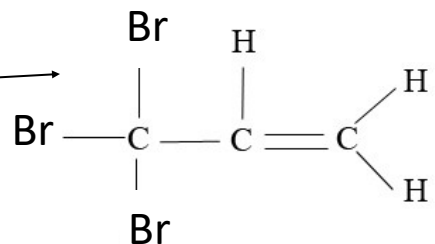
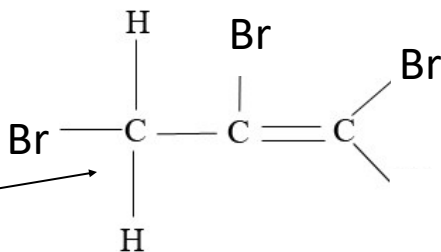
1 + 7	24
3	25
none	26
none	27
none	28
5	29
9	30
2	31
None	32
D	33
A	34
C	35
B	36
B	37

ethyl methyl ether	38	
1-propanol or 2-propanol	39	
C <sub>3</sub> H <sub>8</sub> O is 60 g/mole	40	
(at right)	41	
1-butene	42	
far right	43	
1-heptanamine	44	
hexanal	45	
2-pentanone	46	
3-pentanone	47	
butanamide	48	
Yes, no radial symmetry = polar	49	
1-pentanamine	50	
addition	51	
at right	52	
halocarbon	53	
You can't add halogens to a saturated hydro-carbons	54	
C	55	
C	56	

2,3 dimethyl butane	57		
2,2 dimethyl butane	58		
alkynes	59		
3-hexanone	60		
			
2-hexanone	61		
ethyl pentyl ether	62		
Any 7 carbon alcohol	63		This is 1-heptanol
1-pentanol	64		
2-pentanol	65		
3-pentanol	66		
☺			
2-butanamine	67		
1-butanamine	68		



SOAP	85
CONTAINS A TRIPLE -OH GROUP	86
1,2,3 tribromo propene	87
1,1,1 tribromo propene	88
3-pentanamine	89
methanoic acid	90
ethanoic acid or acetic acid	91
$\text{CH}_3(\text{CH}_2)_4\text{CH}_3$	92
$\text{CH}_3(\text{CH}_2)_3\text{CH}_2\text{NH}_2$	93
BELOW	94



95. ISOMER: different organic molecules with the same molecular (chemical formula) but different structures, thereby giving different properties. The compounds are not related. Examples are ethers are isomers with acids. Dimethyl ether ( $\text{C}_2\text{H}_6\text{O}$ ) and ethanol ( $\text{C}_2\text{H}_5\text{OH}$ ) Different structures, the same molar mass. Isomers are different classes of compounds.

96. ALLOTROPE: pertains to chemically pure elements with different bonding design. Such as graphite, diamond, and Buckminster fullerenes are all pure carbon. Also, oxygen and ozone are pure oxygen but have different properties and different bonding schemes.

97. ISOTOPE: chemically identical atoms, but with different masses due to different numbers of neutrons. The mass differences do not make the atoms chemically different, but they do have different masses. These isotopes give rise to the "weird" non whole number atomic masses on the periodic table. There are about 118 types of elements but over 1000 isotopes

98. Carbon

99. Polymerization. Many mers convert to long chains of "poly" mers, or plastics.

100. It's an ester, methyl hexanoate.