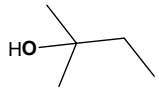
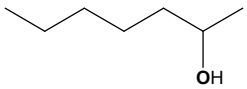
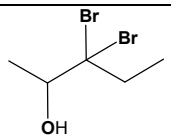
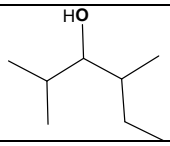
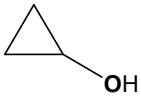
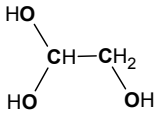
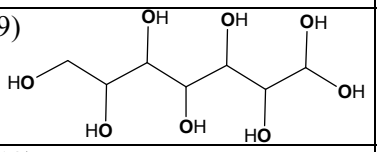
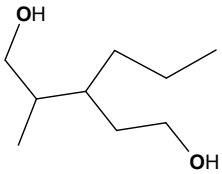
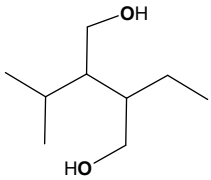
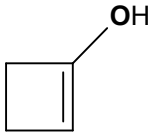
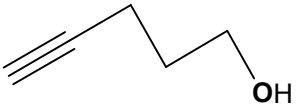
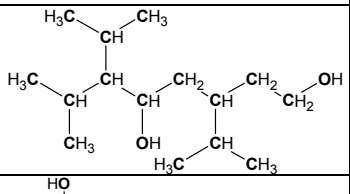
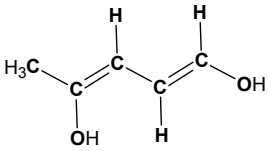
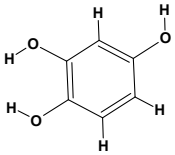
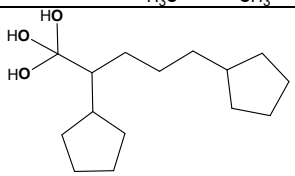
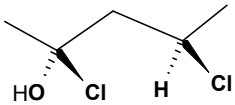
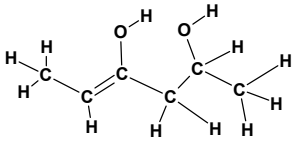
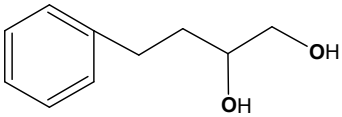
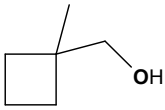
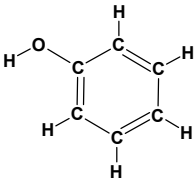
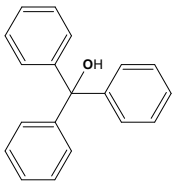
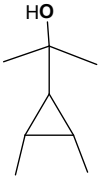
Alcohol Worksheet

Name the following molecules:

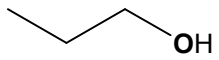
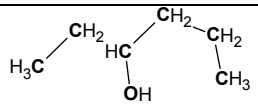
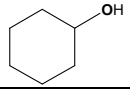
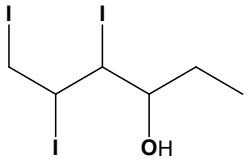
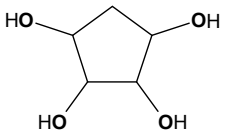
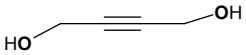
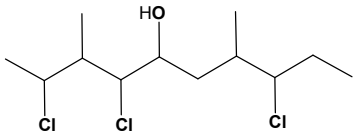
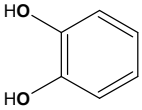
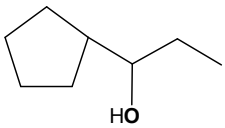
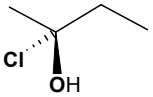
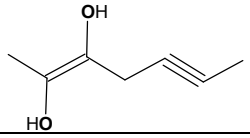
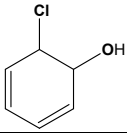
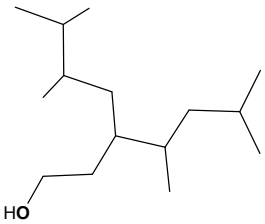
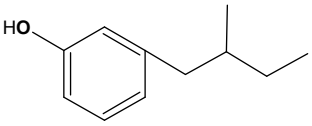
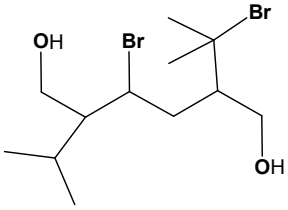
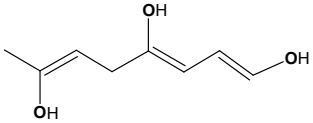
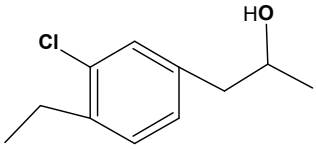
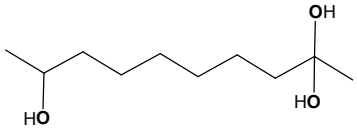
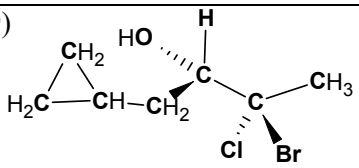
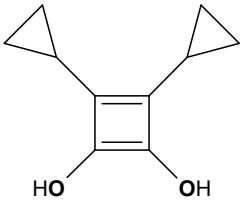
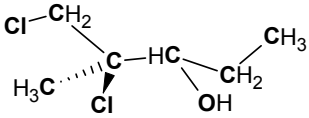
1) 	2) 	3) 
4) 	5) $(CH_3)_2CHCH_2CH_2OH$	6) 
7) 	8) $CH_3CH_2C(OH)_2CH_2CH_2CH_3$	9) 
10) 	11) 	12) 
13) 	14) 	15) 
16) 	17) 	18) 
19) 	20) 	21) 
22) 	23) 	24) 

Draw the following molecules:

1) 1-propanol
2) 3-hexanol
3) cyclohexanol
4) 4,5,6-triiodohexan-3-ol
5) cyclopentane-1,2,3,4-tetrol
6) but-2-yne-1,4-diol
7) 2,4,8-trichloro-3,7-dimethyldecan-5-ol
8) benzene-1,2-diol
9) 1-cyclopentylpropan-1-ol
10) (2*R*)-2-chlorobutan-2-ol
11) (2*E*)-hept-2-en-5-yne-2,3-diol
12) 6-chlorocyclohexa-2,4-dien-1-ol
13) 3-(2,3-dimethylbutyl)-4,6-dimethylheptan-1-ol
14) 3-(2-methylbutyl)phenol
15) 3-bromo-5-(1-bromo-1-methylethyl)-2-isopropylhexane-1,6-diol
16) (1*E*,3*Z*,6*Z*)-octa-1,3,6-triene-1,4,7-triol
17) 1-(3-chloro-4-ethylphenyl)propan-2-ol
18) decane-2,2,9-triol
19) 3,4-dicyclopropylcyclobuta-1,3-diene-1,2-diol
20) (2*S*,3*R*)-3-bromo-3-chloro-1-cyclopropylbutan-2-ol
21) (2*R*)-1,2-dichloro-2-methylpentan-3-ol

Answer key

1) 2-methylbutan-2-ol
2) heptan-2-ol
3) 3,3-dibromopentan-2-ol
4) 2,4-dimethylhexan-3-ol
5) 3-methylbutan-1-ol
6) cyclopropanol
7) ethane-1,1,2-triol
8) hexane-3,3-diol
9) heptane-1,1,2,3,4,5,6,7-octol
10) 2-methyl-3-propylpentane-1,5-diol
11) 2-ethyl-3-isopropylbutane-1,4-diol
12) cyclobut-1-en-1-ol
13) pent-4-yn-1-ol
14) 3,6-diisopropyl-7-methyloctane-1,5-diol
15) (1*E*,3*Z*)-penta-1,3-diene-1,4-diol
16) benzene-1,2,4-triol
17) 2,5-dicyclopentylpentane-1,1,1-triol
18) (2*S*,4*R*)-2,4-dichloropentan-2-ol
19) (4*Z*)-hex-4-ene-2,4-diol
20) 4-phenylbutane-1,2-diol
21) (1-methylcyclobutyl)methanol
22) phenol
23) triphenylmethanol
24) 2-(2,3-dimethylcyclopropyl)propan-2-ol

1) 	2) 	3) 
4) 	5) 	6) 
7) 	8) 	9) 
10) 	11) 	12) 
13) 	14) 	15) 
16) 	17) 	18) 
19) 	20) 	21)