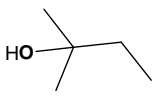
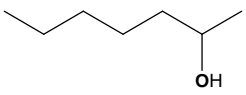
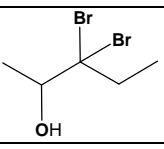
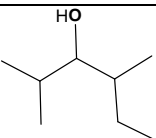
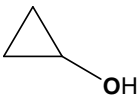
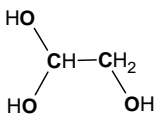
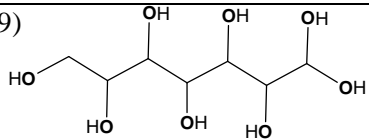
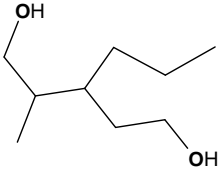
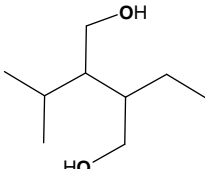
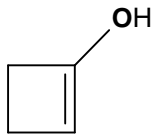
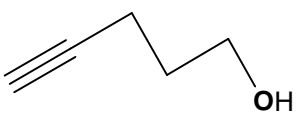
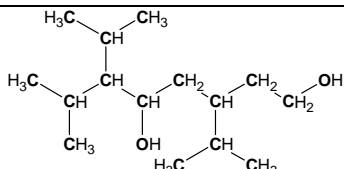
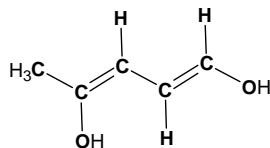
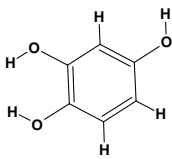
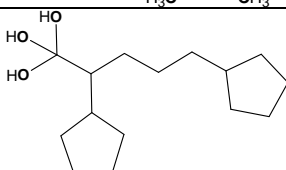
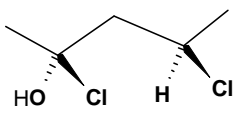
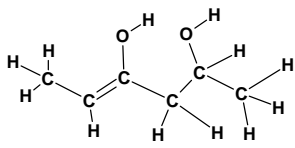
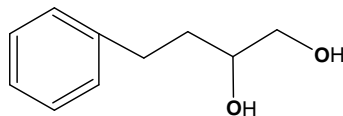
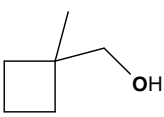
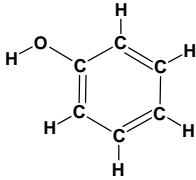
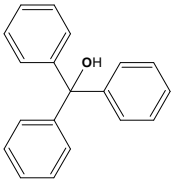
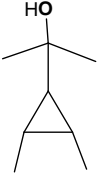


Alcohol Worksheet

Name the following molecules:

1) 	2) 	3) 
4) 	5) $(\text{CH}_3)_2\text{CHCH}_2\text{CH}_2\text{OH}$	6) 
7) 	8) $\text{CH}_3\text{CH}_2\text{C}(\text{OH})_2\text{CH}_2\text{CH}_2\text{CH}_3$	9) 
10) 	11) 	12) 
13) 	14) 	15) 
16) 	17) 	18) 
19) 	20) 	21) 
22) 	23) 	24) 

Draw the following molecules:

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

Answer key

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