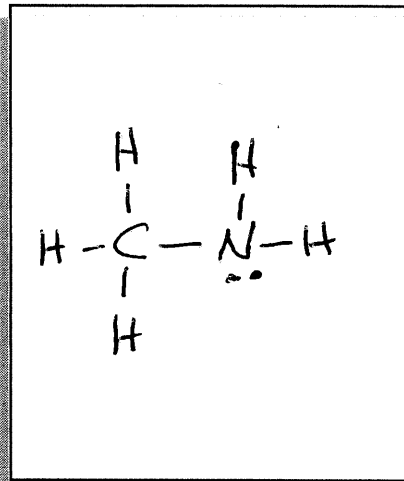
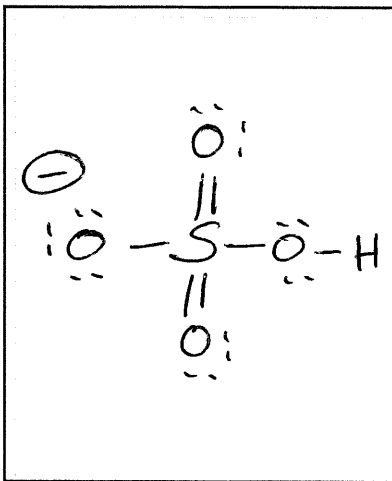
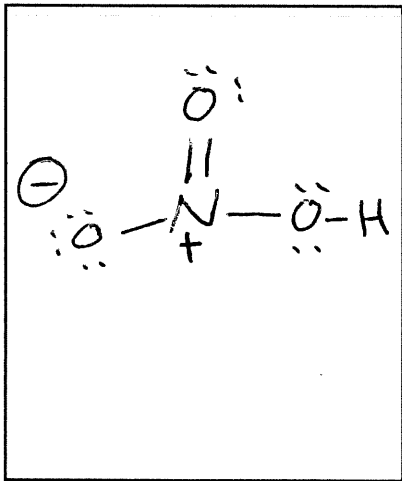


Key

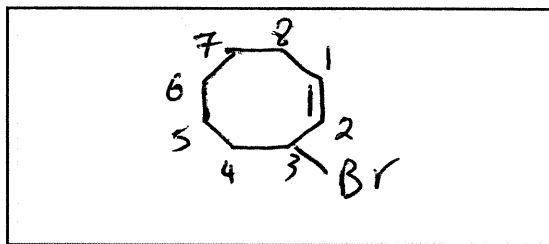
US-2018, CEM143, Worksheet 2

1. Draw a Lewis dot formula for each of the following compounds.

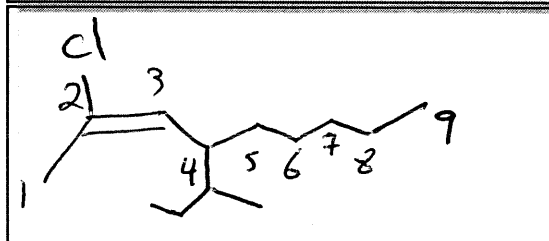


2. Give the structure for the following IUPAC names.

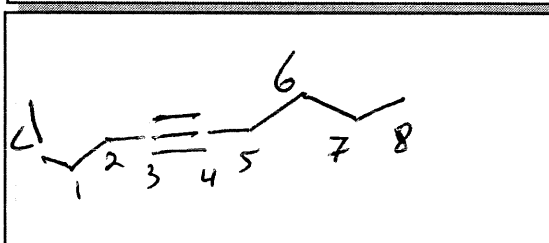
a) 3-Bromocyclooctene



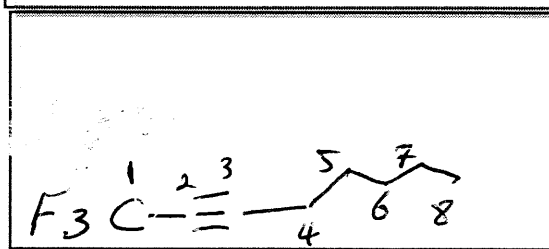
b) 2-Chloro-4-sec-butyl-2-nonene



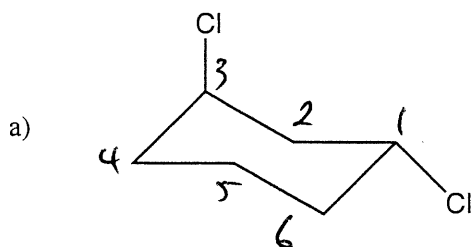
c) 1-Chloro-3-octyne



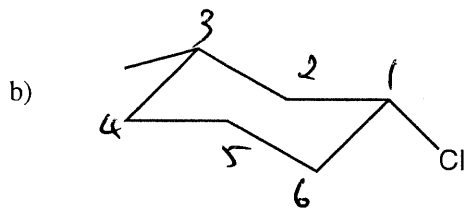
d) 1,1,1-Trifluoro-2-octyne



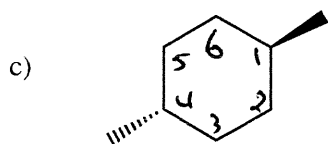
3) Name the following compounds.



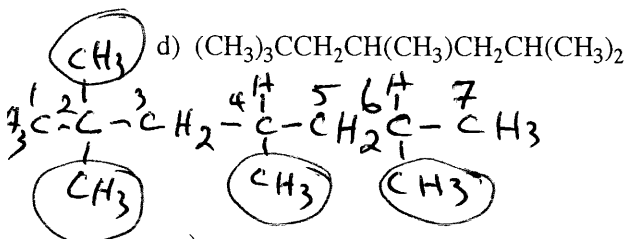
trans-1,3-Dichlorocyclohexane



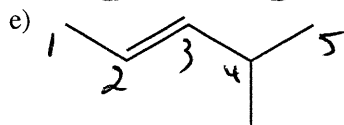
cis-1-chloro-3-methylcyclohexane



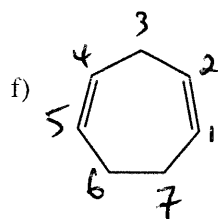
trans-1,4-Dimethylcyclohexane



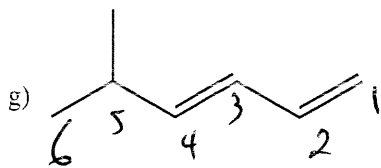
2,2,4,6-Tetramethylheptane



4-methyl-2-Pentene



1,4-Cycloheptadiene



5-methyl-1,3-hexadiene