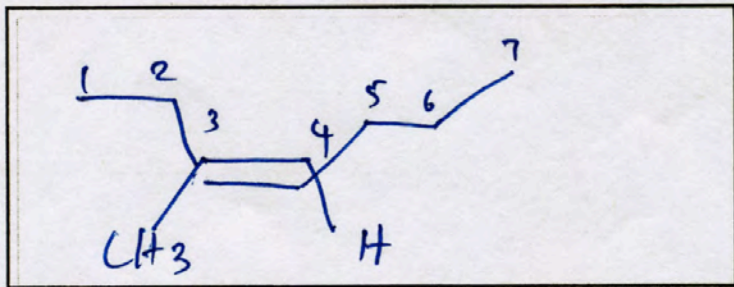


Key

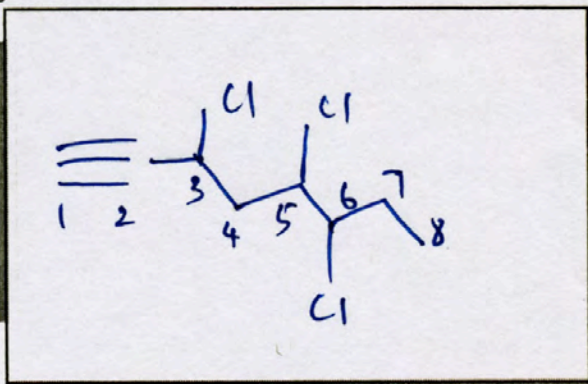
Summer 2013, CEM143, Quiz 2

Name:

1. (6 Pts., 3 Pts. Each) Draw the structure of the following molecule.

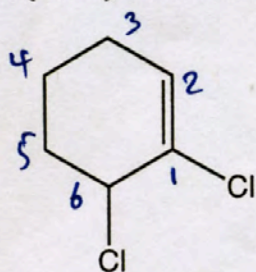


A) cis-3-methyl-3-heptene



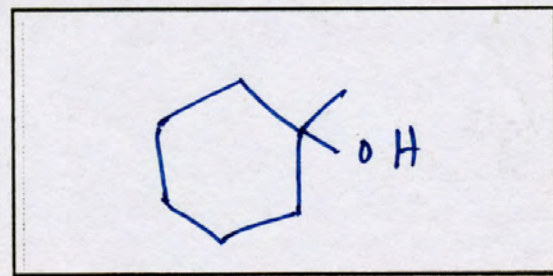
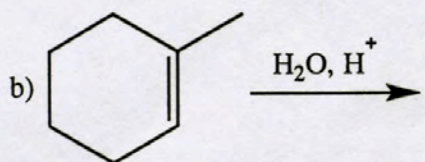
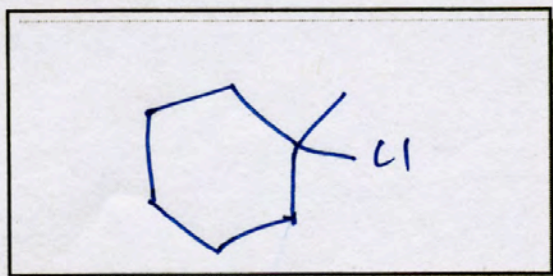
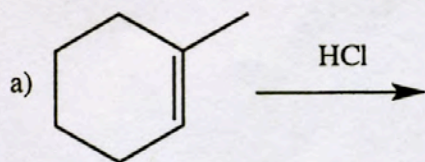
B) 3,5,6-Trichloro-1-octyne

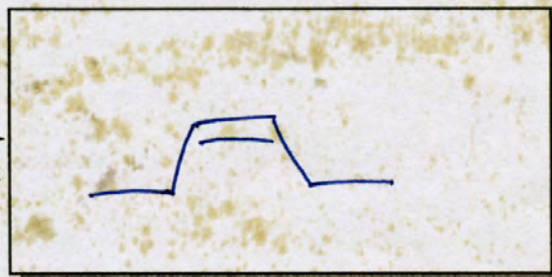
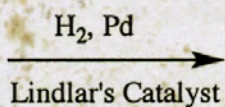
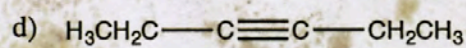
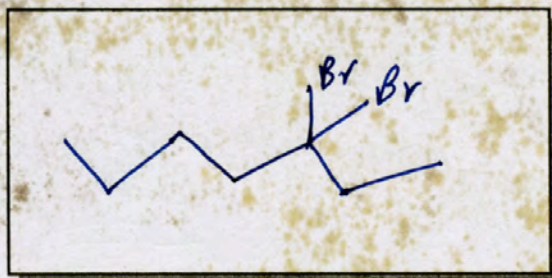
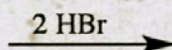
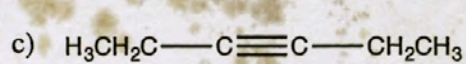
2. (3 Pts.) Name the following compounds.



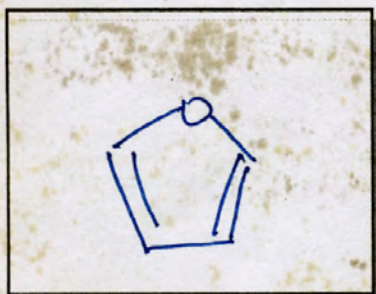
1,6-dichlorocyclohexene

3. (12 Pts., 3 Pts. Each) Complete the following reactions by filling in reactants, reagents, or products.



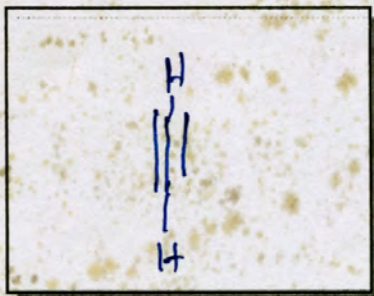


e)

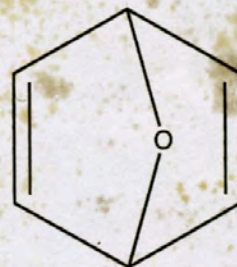
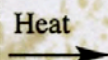


Diene  
(2 Points)

+



Dienophile  
(2 Points)



Diels-Alder reaction product