Exam 2 Name:

CHM 2211

Spring 2011

1. Name or draw (3 pt each 24 pt total)
   1. (Z)-5-chloro-4-hexen-2-ol
   2. 4-chloropentanethiol
   3. 2-(1,2-dimethylbutyl)cyclohexanecarbaldehyde
   4. 5-chloro-3,4-epoxy-1-heptyne



1. Circle the compound with the highest boiling point in each pair (2 pt each, total 8 pts)
   1. 1-propanol or ethyl methyl ether
   2. ethyl methyl ether or 2-chloropropane
   3. 1-propanol or 2-propanone
   4. Butanal or pentane
2. Draw the complete mechanism for the following 2 reactions (12 pt each, total 24 pts)





1. Fill in the boxes (44 pts total)





