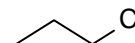
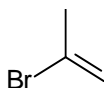
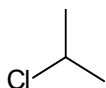


Please note the strange due date: Monday Nov 16. This problem set draws on chapters 8 and 9.

#1. (from 50 minute exam #3, Fall 2000)

5. (6 points) For each group of 3 compounds, identify the compound that expresses the indicated property the "MOST" and the compound that expresses it the "LEAST"

a) reactivity towards NaI in DMSO



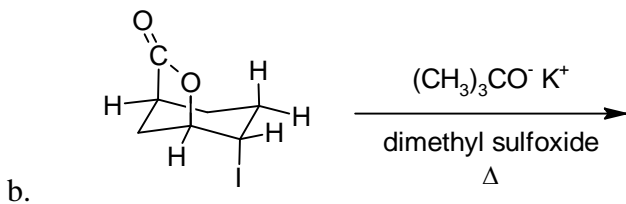
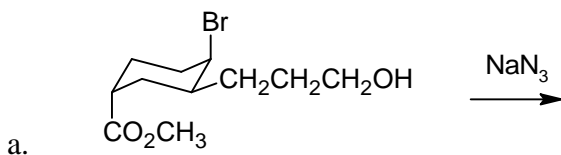
b) reactivity towards H₂O in aqueous acetone

3-chloro-1-propene

1-chloropropane

2-chloropropene

#2. Draw the most likely reaction products:



#3. Loudon, chapter 8: **44B, 56, 59B**

#4. Loudon, chapter 9: **34D, 62, 70 (draw mechanism for B → C)**