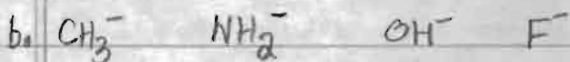
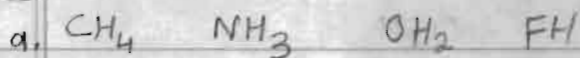


Preparation for Exam I

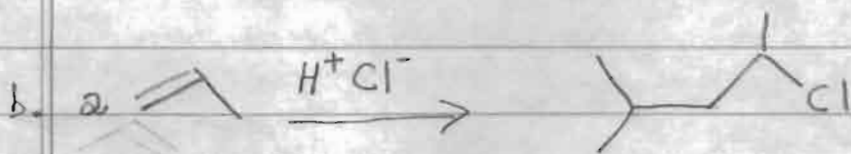
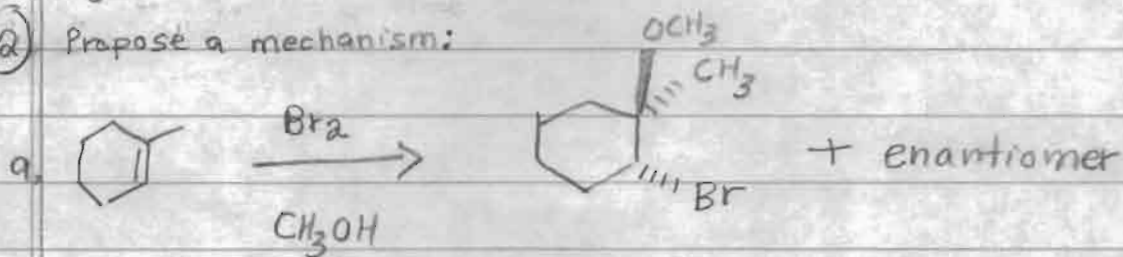
① Choose the strongest base:

Chapter 4



② Propose a mechanism:

Chapter 6

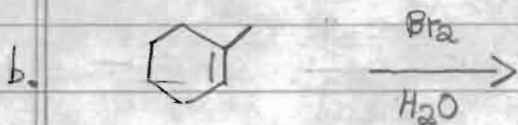
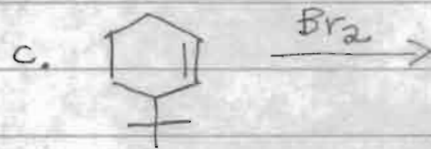
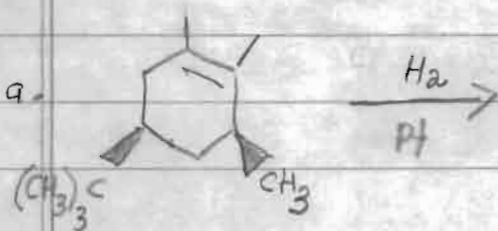


③ Draw both chair conformations of trans-3-isopropyl-1-methylcyclohexane and indicate which is more stable.

Chapter 2

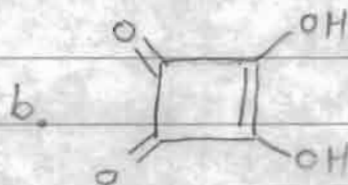
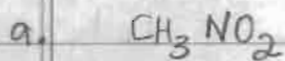
④ Show products:

Chapter 6



Chapter 4

⑤ Explain acidity of:



⑥ Draw a newman projection (about the C3-C4 bond) of the most stable conformation of 2,2,3,4,5,5 hexamethyl hexane for both the meso + R,R stereoisomers.

Chapters 2 & 3