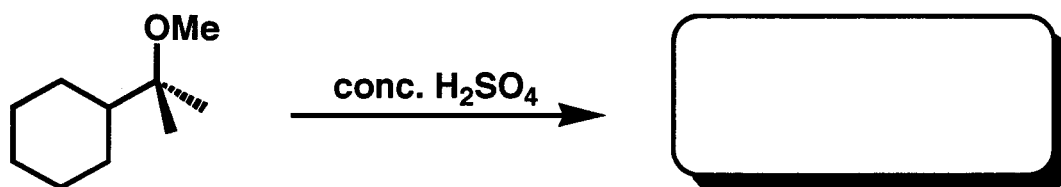


Chem 30A – Week 10

1. Fill in the table.

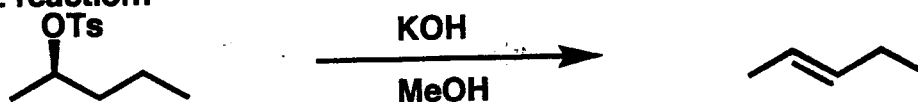
	S_N1	S_N2	E1	E2
Number of Steps				
General Mechanism				
Kinetics				
Stereochemistry				
Substrate				
Solvent				
Competing Reactions				

2. Predict the product of the following E1 reaction.

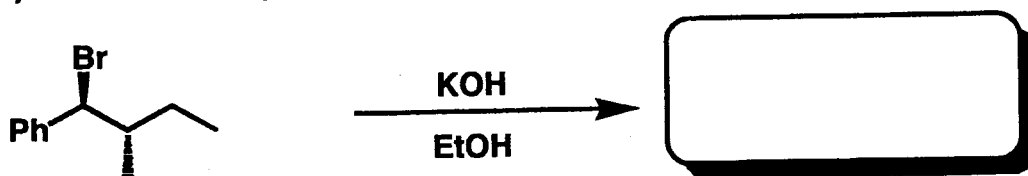


3. E2- Newmans or Chairs

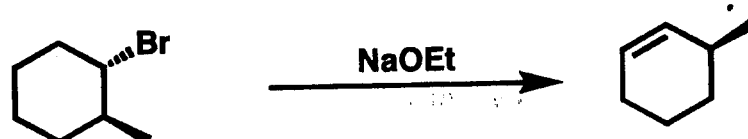
(a) Draw the Newman projection for the conformation required for the E2 reaction:



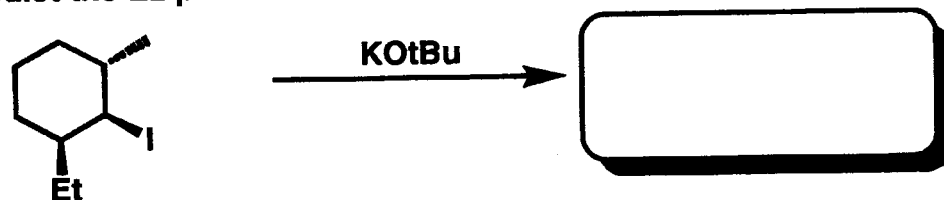
(b) Predict the E2 product:



(c) Draw the chair conformation required for the E2 reaction :

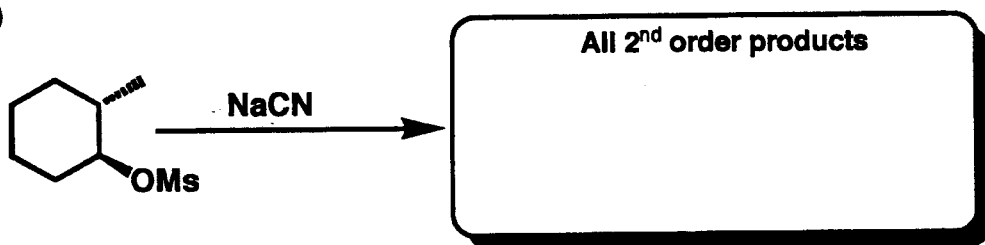


(d) Predict the E2 product:

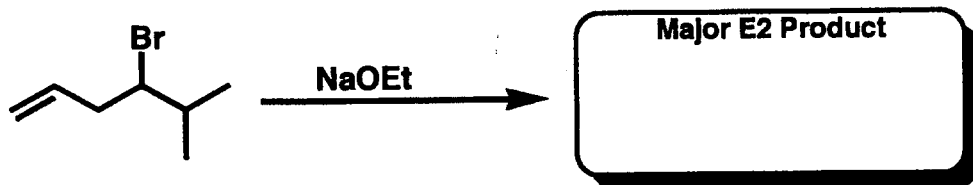


4. Combined Problems- Substitution and Elimination

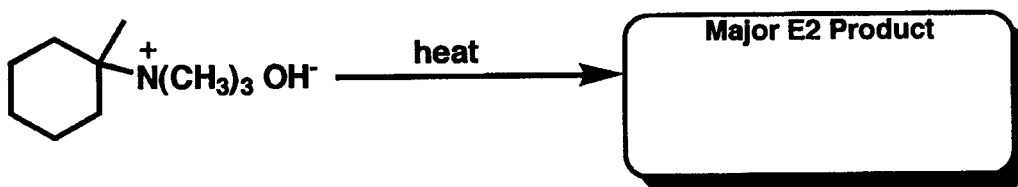
(a)



(b)



(c)



(d)

