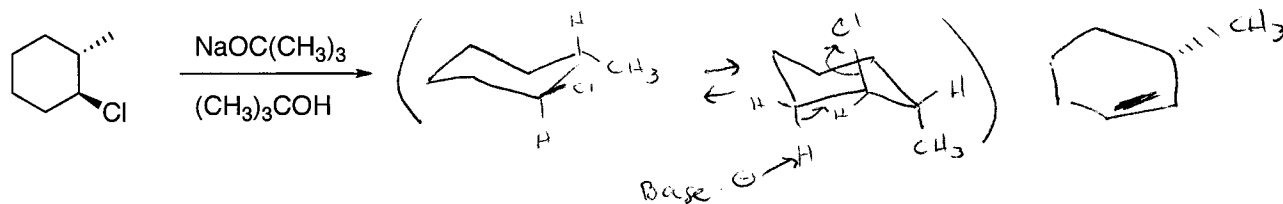
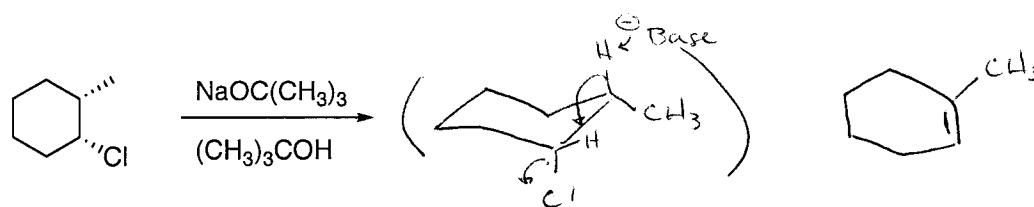
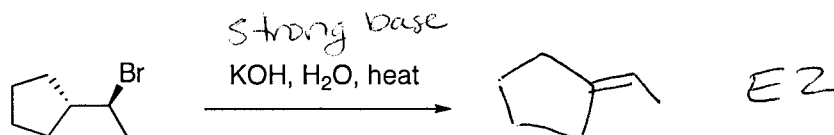


Organic Chemistry II

Take Home Problem Set

Draw the structure of the major organic product(s) for each of the following reactions (no mechanism required). Indicate the stereochemistry for each reaction when appropriate. Write the name of the reaction mechanism for each reaction (E1, E2).



Provide a stepwise mechanism that justifies the formation of both products shown below. Indicate all electron flow with arrows and draw all reaction intermediates. Circle which of the two products is formed in higher yield.

