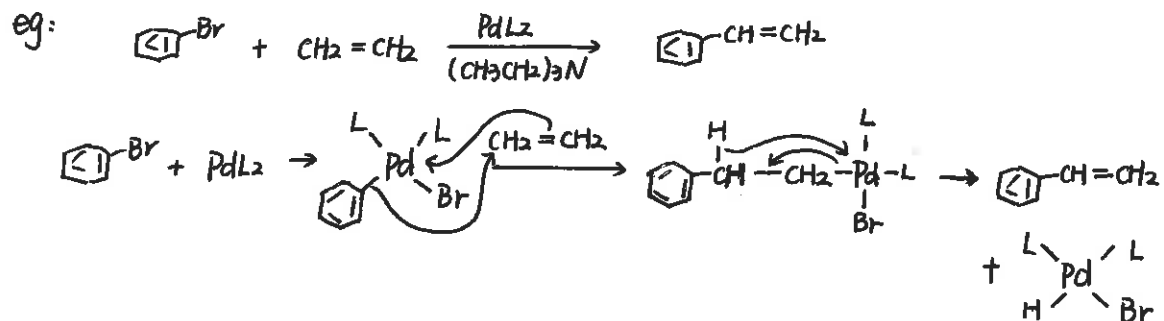


Quiz #5 Name \_\_\_\_\_ Key \_\_\_\_\_

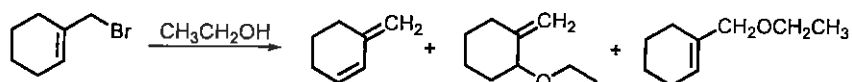
There is a total of 30 points for this quiz.

Answer all questions in the space provided.

[I] Give an example of Heck Reaction and draw the detailed electron pushing mechanism. (5 points)

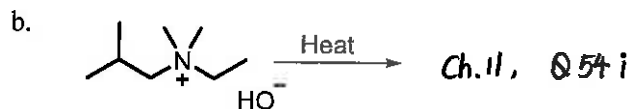
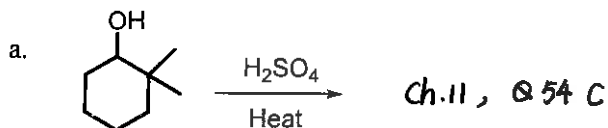


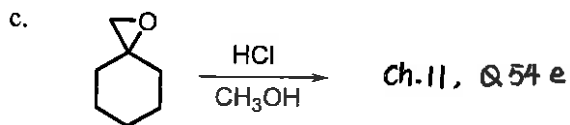
[II] When the following compound undergoes solvolysis in ethanol, three products are obtained. Propose a mechanism to account for the formation of these products? (6 points)



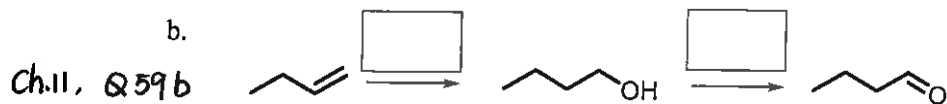
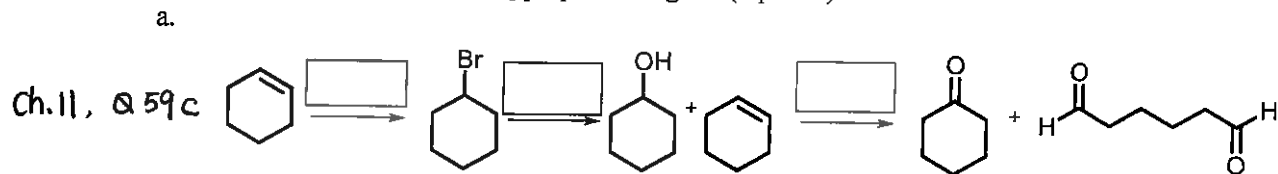
Ch.10 , Q.50

[III] Draw the major product(s) of each of the following reactions. (6 points)





[IV] Fill in each box with the appropriate reagent. (5 points)



[V] Draw the products of each of the following reactions. (8 points)

