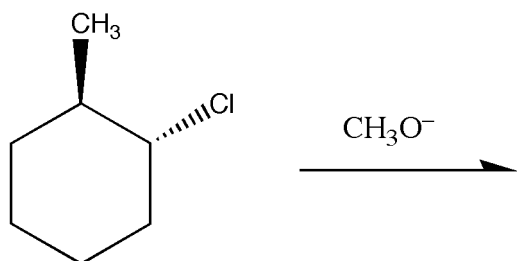
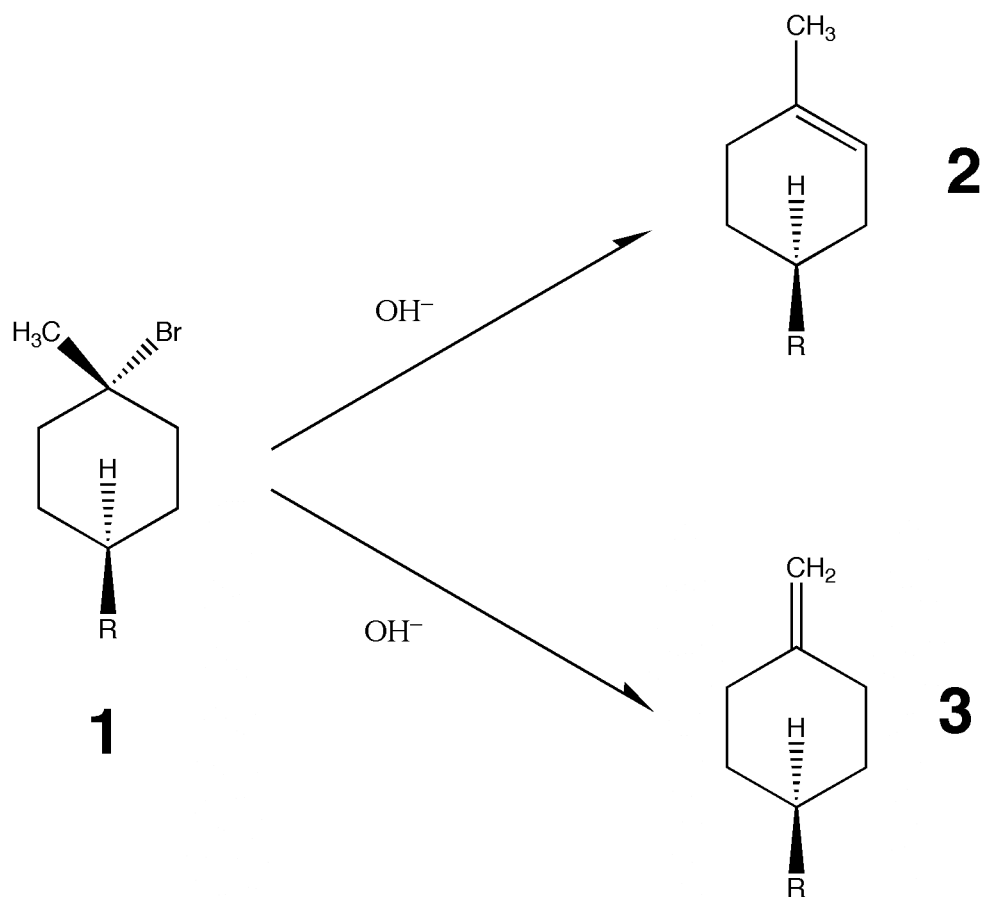


Exercise 5: Elimination reactions

1. Predict the major product for the following:



2. Consider the cyclohexyl bromides 1a and 1b. Upon E2 elimination of HBr with base, 1a resulted in 2a as the major product and 1b resulted in 3b as the major product.



a, R = H

b, R = C(CH₃)₃

Give a concise illustrated explanation for the above observations.