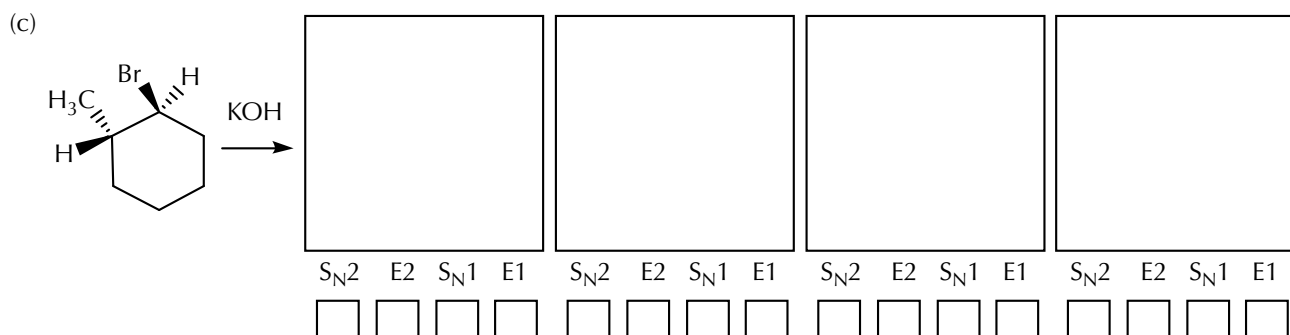
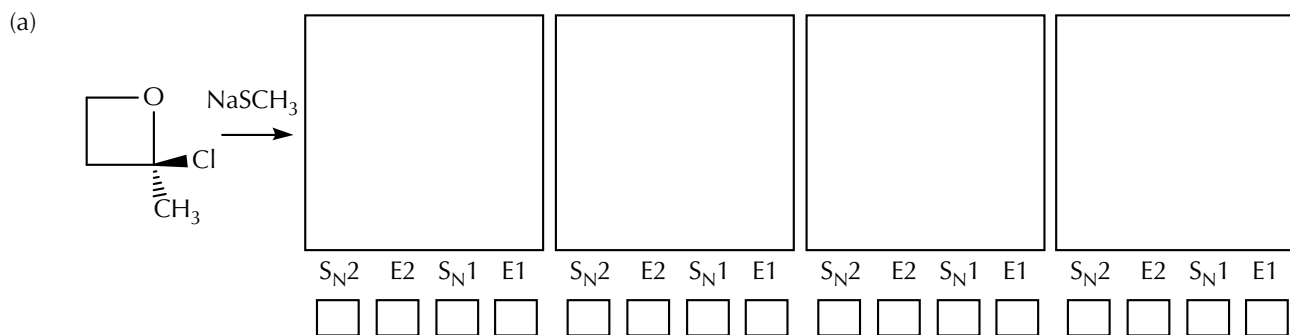


7.06 Each of the following reactions gives a total of four possible different substitution and elimination reaction products. Draw the four products and then identify which pathway (or pathways) could be responsible for the product's formation.



Draw the two chair conformations for the starting material in part (c). One of them will be involved in the fastest E2 reaction. Select which conformation that will be true for and then, in the space below it, show the transition state for the E2 reaction. Under the other conformation, show the transition state for the  $\text{S}_{\text{N}}2$  reaction.

