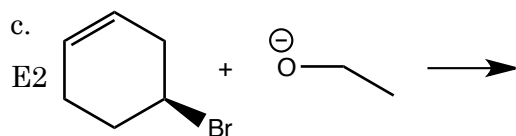
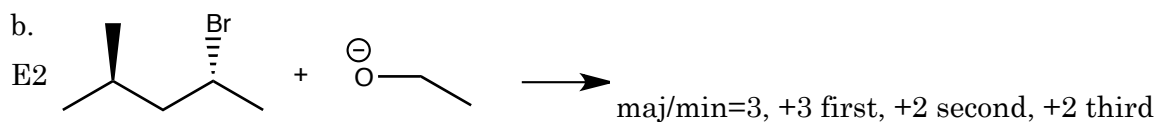
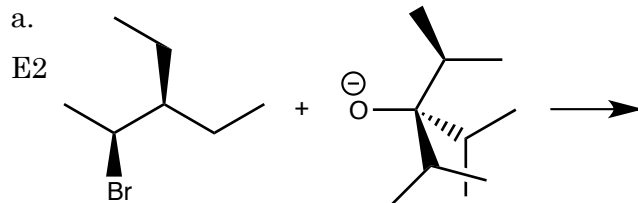


1. (10 pts ea.) Predict the products of the following reactions. Remember to label the major and minor products. Consider only the regiochemistry of the reaction while predicting major and minor products.



2. In the following reaction, the major product is the less stable product.

a. (10 pts.) Draw a mechanism that shows how the less stable product is formed during this E2 reaction

b. (10 pts.) Explain why the less stable product is the major product in this reaction.

