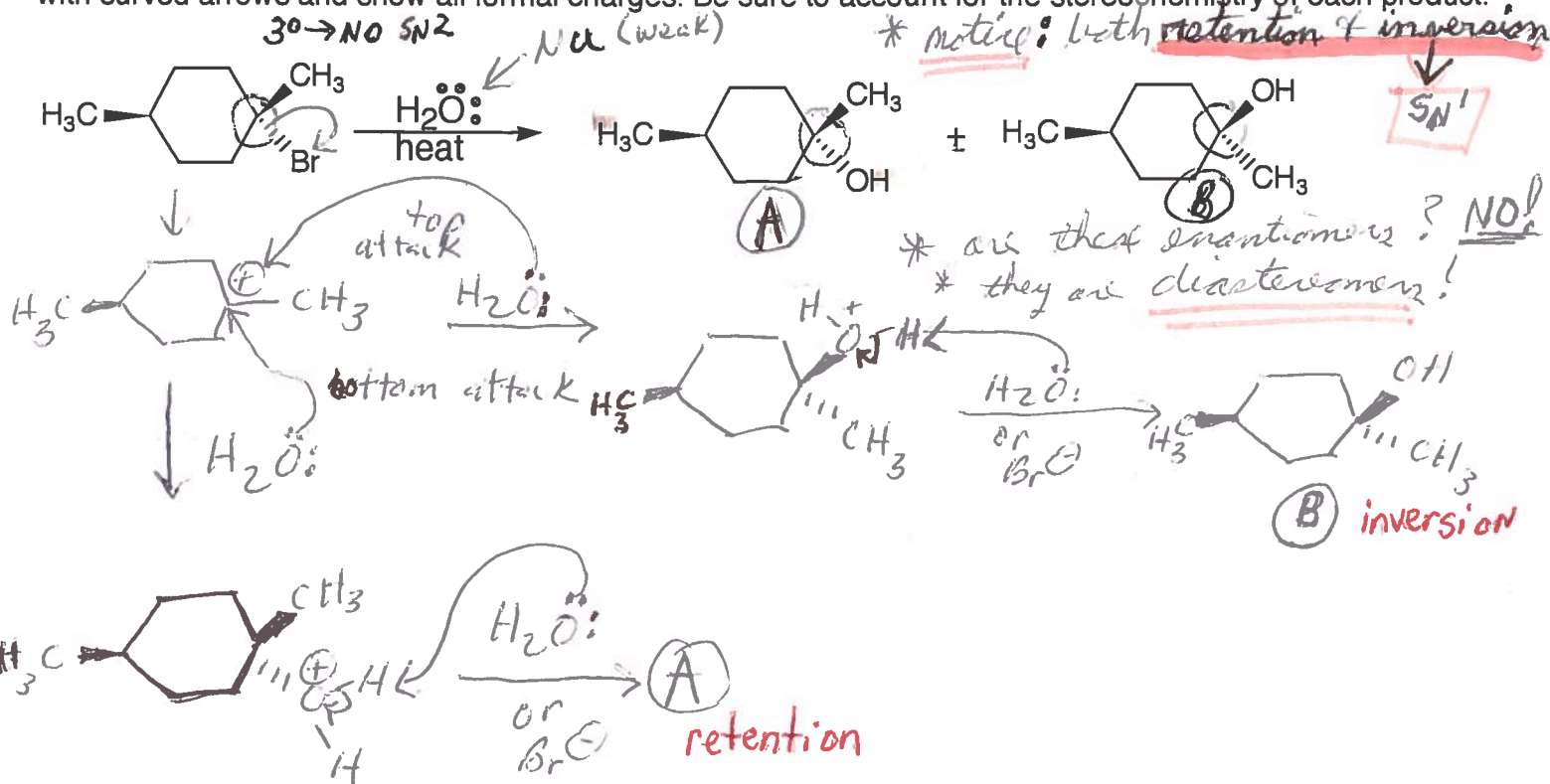


1. Give a detailed mechanism for the following solvolysis reaction. Show the movement of all electron pairs with curved arrows and show all formal charges. Be sure to account for the stereochemistry of each product.



2. Give the organic products of the following reactions:

