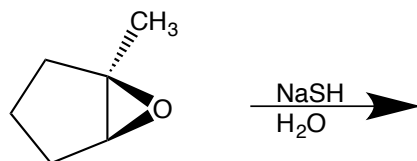
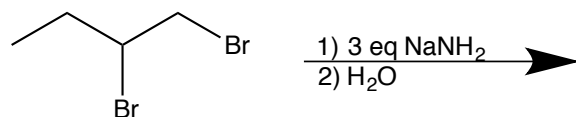


1) Draw the product(s) of the following reactions. Indicate stereochemistry where relevant.

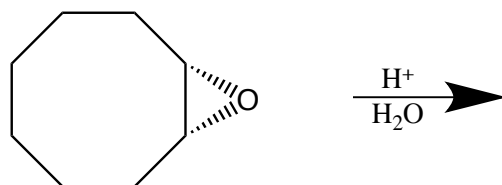
a)



b)



c)

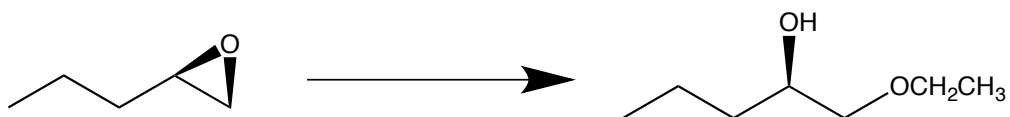


2) Provide the reagents needed to bring about the following transformations.

a)



b)



c)



d)



e)



