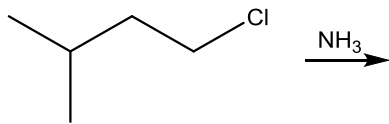
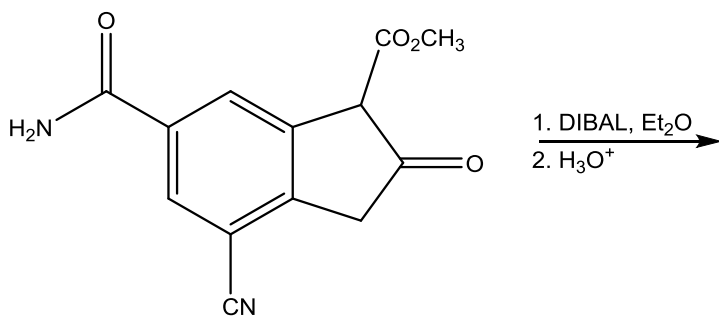


Ex. 1: Predict the major product for the following:

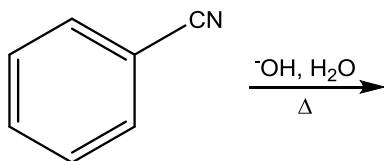
a)



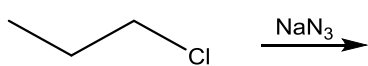
b)



c)

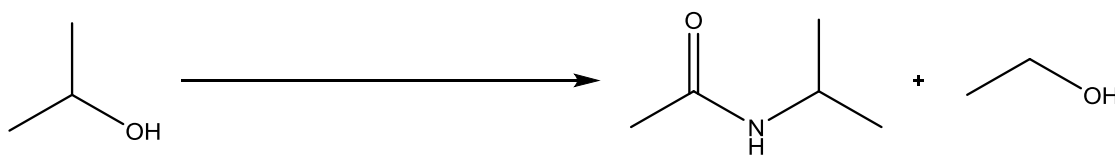


d)

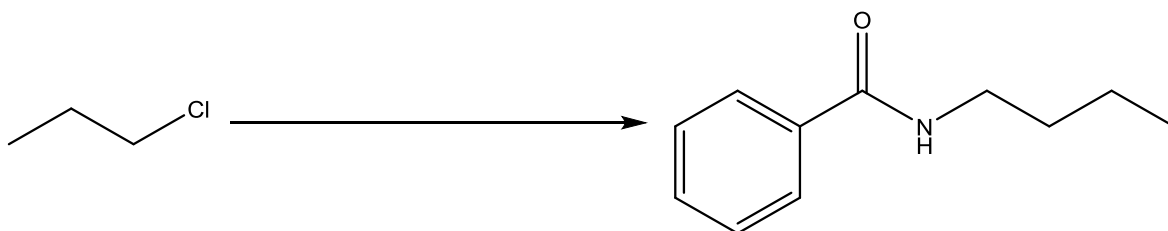


Ex. 2: Propose a synthesis for the following transformations:

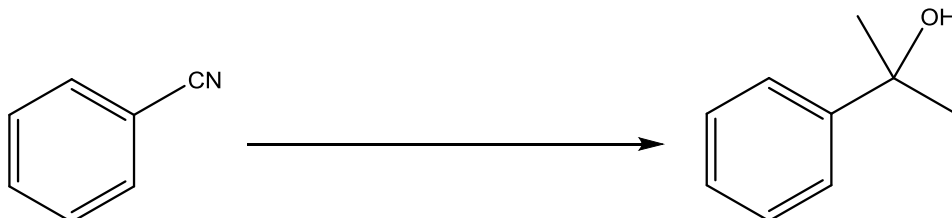
a)



b)

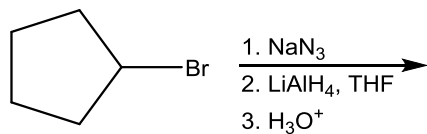


c)

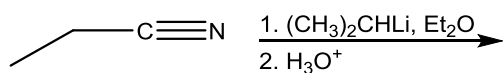


Ex. 3: Predict the products and propose a mechanism for the following transformations:

a)



b)



c)

