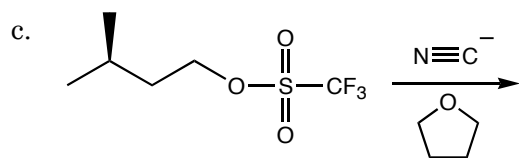
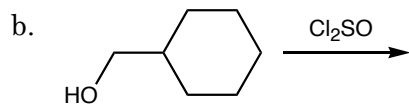
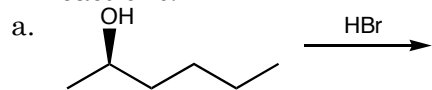


1. Label each reaction as S_N1 or S_N2 , and predict the products for the following reactions.



2. Primary alcohols do not react well with HCl. Would you expect primary alcohols to react well with HF? Explain your response.

3. Label each reaction as E1 or E2, and predict the products for the following reactions.

