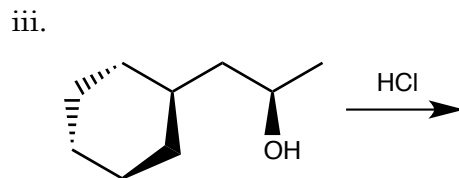
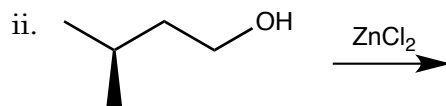
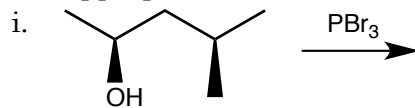


1. a. (5 pts. ea.) a. Identify whether the reaction is likely to proceed via an S_N1 or an S_N2 mechanism.
b. (10 pts. each) Predict the organic products for the following reactions. Remember to indicate the stereochemistry of the products using wedge (\blacktriangle) and dashed bonds (\cdots) where appropriate.



2. (10 pts. ea.) Predict the organic products for the following reactions. Remember to indicate the stereochemistry of the products using wedge (\blacktriangle) and dashed bonds (\cdots) where appropriate.

