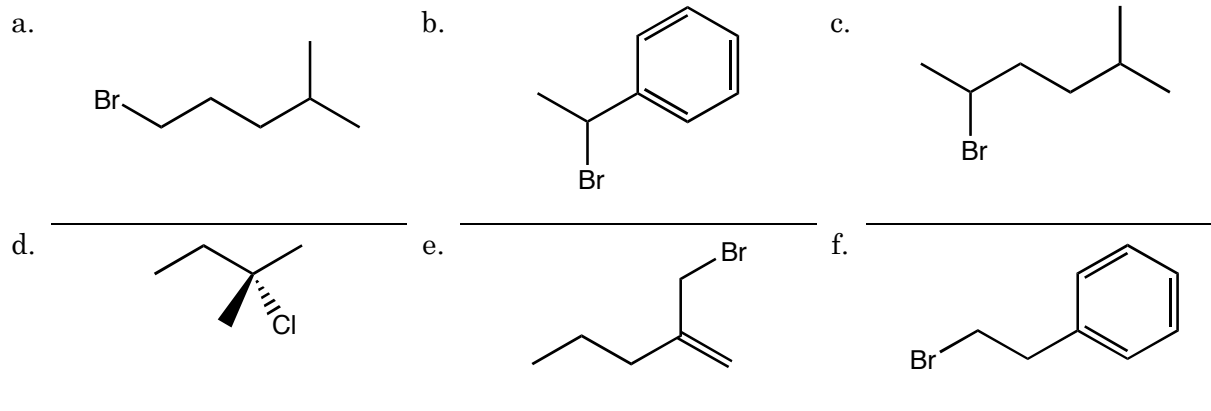
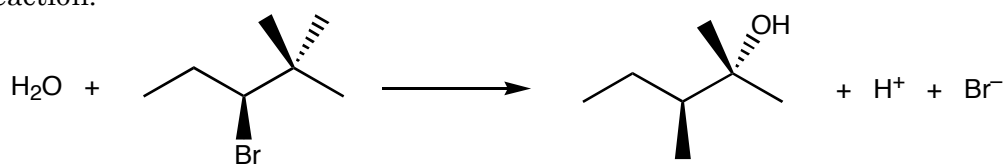


1. Determine whether the following molecules can react via an S_N1 and/or an S_N2 mechanism.



2. a. Which mechanism can account for the formation of the product in the following reaction S_N1 or S_N2 ?

b. Draw a mechanism that accounts for the formation of the product in the following reaction.



3. Predict the products of the following reactions. Remember to consider the stereochemistry of the product(s).

