Complete the following reactions by drawing the structure(s) of the major organic product(s), in each case. Do not forget to consider conformational factors that might affect the outcome of the reactions. Clearly show any important stereochemical aspects of the product(s). If you expect no reaction to take place or you expect a reaction to be unusually slow, say so.

reaction to be unusually slow, say so.

(a) 
$$\begin{array}{c} Br \\ NaOH \\ H_2O \end{array}$$

(b)  $\begin{array}{c} OH \\ NaSH \\ acetone \end{array}$ 

(c)  $\begin{array}{c} CH_3OH \\ CI \end{array}$ 

(d)  $\begin{array}{c} CH_3OH \\ \hline ACOH \\ \hline ACO$ 

(b) 
$$H_2O$$

OH

NaSH
acetone

(e) Br

OH

NaOH
acetone
dilute sol'n

NaCN