$\underline{ \text{CONCEPT: } \text{ELECTROPHILIC } \alpha\text{-HALOGENATIONS} }$

Acid-Catalyzed α-halogenation: Always yields _____-halogenation

$$CH_3$$
 X_2 CH_3 X

<u>PRACTICE:</u> Provide the major product for the following reaction.

$$\begin{array}{c|c} & & & & \\ & & & \\ \hline \\ & & \\ \end{array}$$