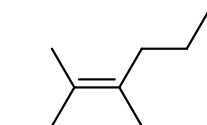


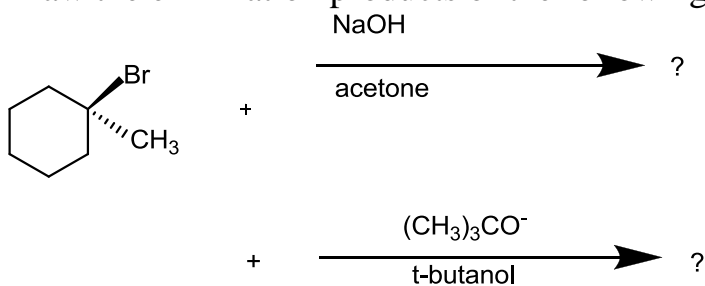
CHE 240 Unit II Practice

1 How many elements of unsaturation (IHD) are represented in the formula $C_7H_{11}Cl$

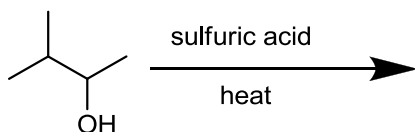
2 Name this compound:



3 Draw the elimination products of the following 2 reactions.



4 Draw the alkenes formed in this reaction:



5

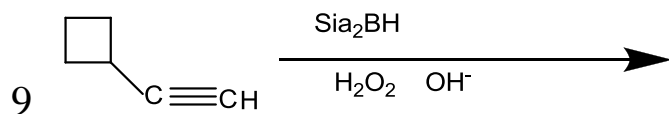
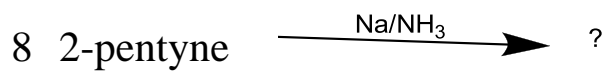
 $\xrightarrow[\text{T-BUTANOL}]{\text{POTASSIUM TERTBUTOXIDE}}$?

6

 $\xrightarrow[\text{H}_2\text{O}_2 \quad \text{OH}^-]{\text{BH}_3 \cdot \text{THF}}$?

7

 $\xrightarrow{?} \xrightarrow{?}$



10 Show a synthetic route from propyne to 2,3 dibromobutane

11 Show a synthetic route to 3-hexanone from 1-butyne.