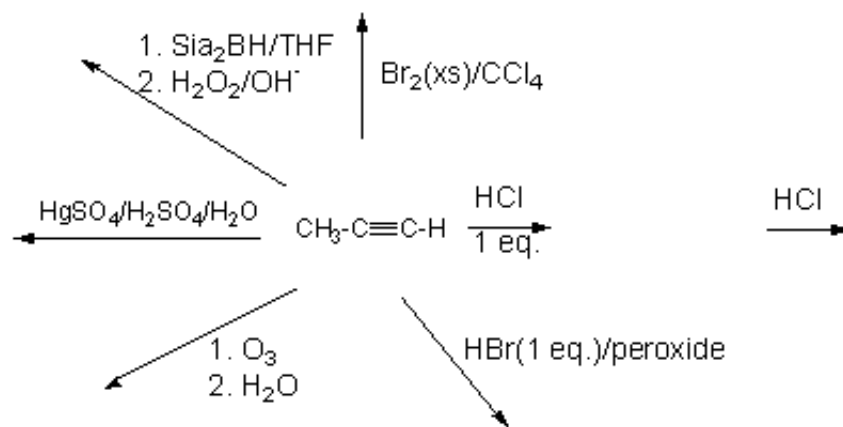
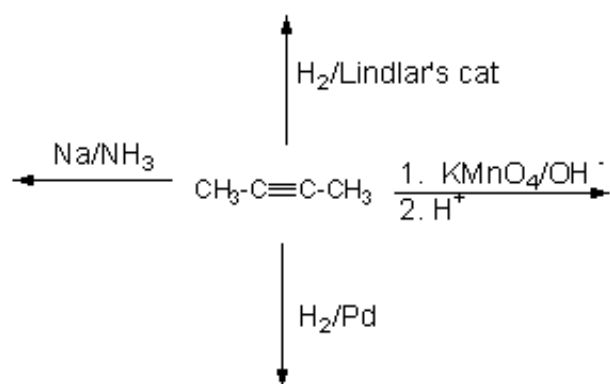
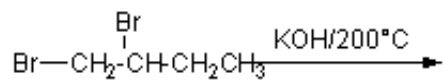


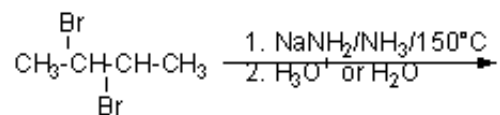
Quiz 3



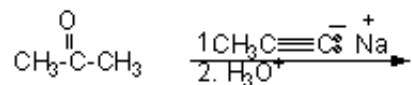
1.



2.

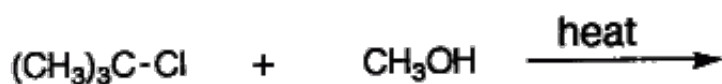


3.

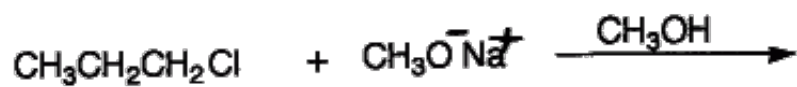


4. Give the major products only. When stereochemistry is indicated in the starting material, indicate the stereochemistry in the product also. State the mechanism that formed the product ($\text{S}_{\text{N}}1$, $\text{S}_{\text{N}}2$, $\text{E}1$, $\text{E}2$).

a.



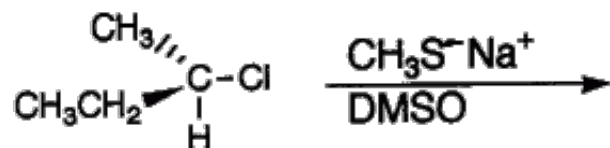
b.



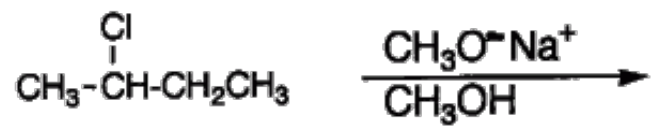
c.



d.



e.



5. Give all possible products of the following reaction (ignore stereoisomers):

