

Answer

Rearrangement Exercise : Will the S_N1 carbocations rearrange and to what?
Organic Chem I Alfred State College

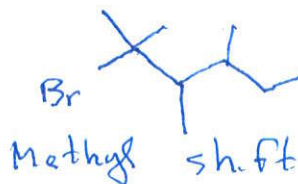
Assume $RX + ^-OCH_3 \rightarrow R-OCH_3 + X^-$

Rearrangement products ??

If yes, what to ?



Yes No
(2)



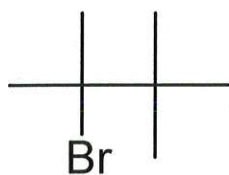
H-sh.ft



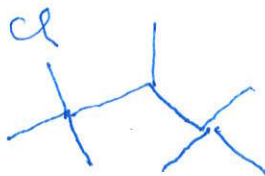
Yes No
(1)



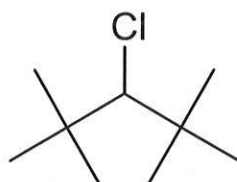
H-sh.ft



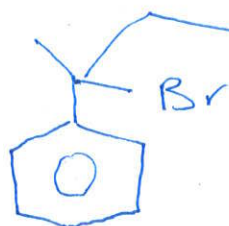
Yes No



Methyl sh.ft

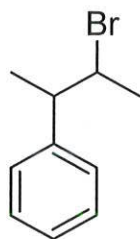


Yes No
1

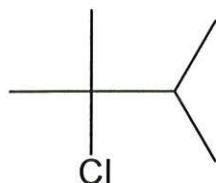


H sh.ft to

resonance stablized
carbocation



Yes No
1



Yes No