

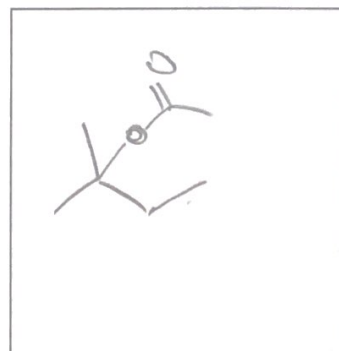
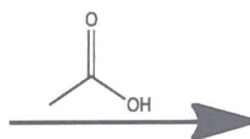
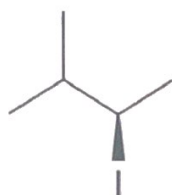
Substitution/Elimination #3: Identify and Complete the Reaction

Okay guys and gals. So this worksheet is just like the last one, but with a little twist: Given the reactions below, identify whether it is S_N2 , E2, S_N1 , or E1 while completing the reaction with the correct product.

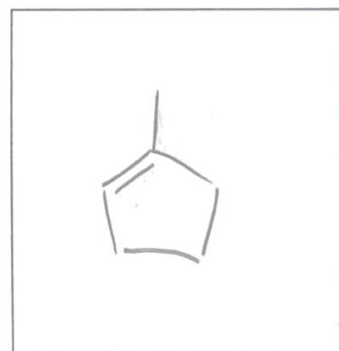
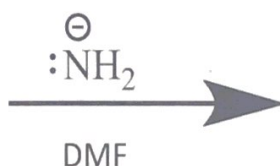
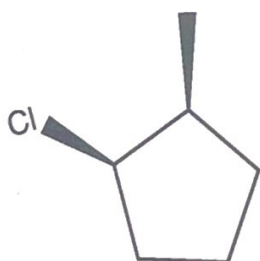
****Don't forget to consider stereochemical changes and anti-peri planar ramifications where appropriate****

Rxn Type:

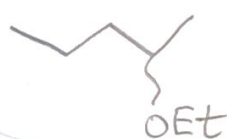
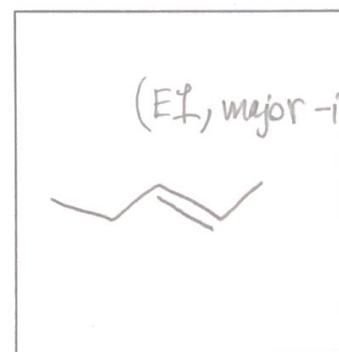
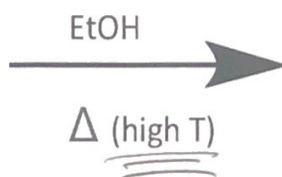
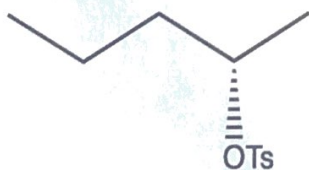
SN1



E2



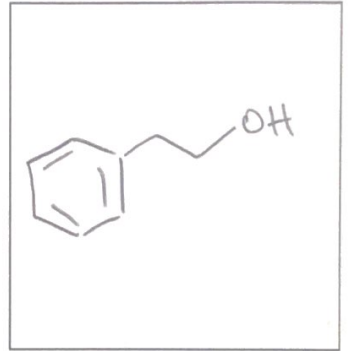
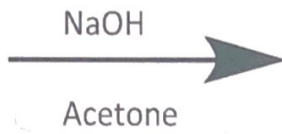
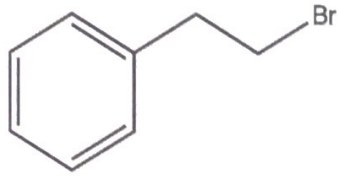
E1



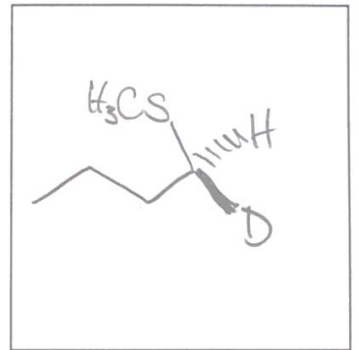
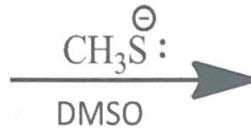
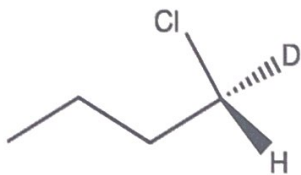
racemic

Rxn Type:

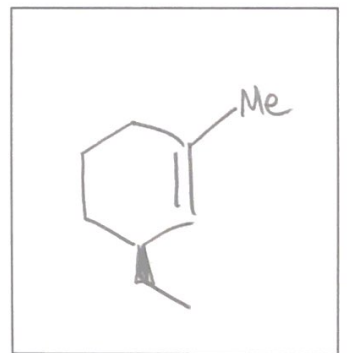
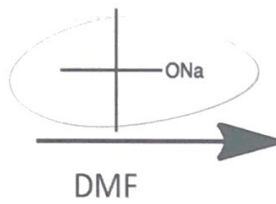
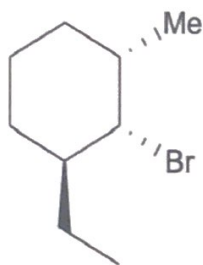
S_N2



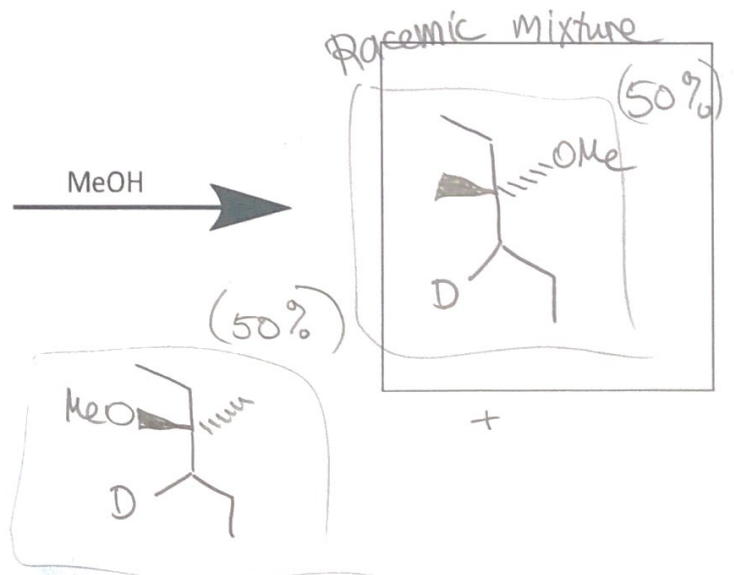
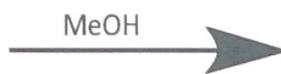
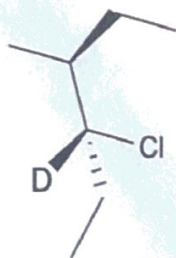
S_N2



E2

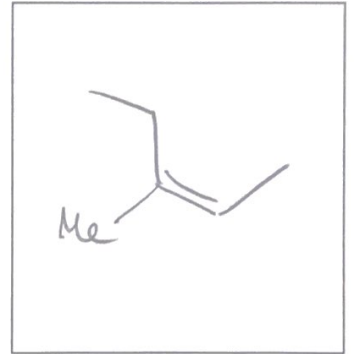
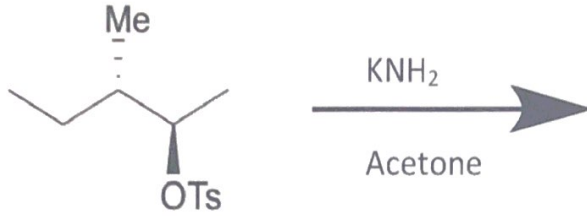


S_N1

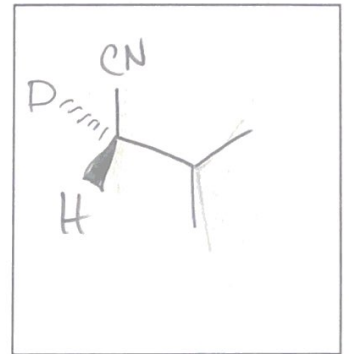
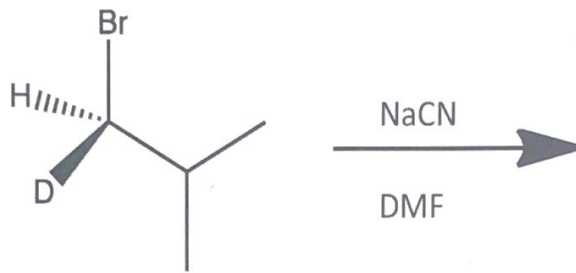


Rxn Type:

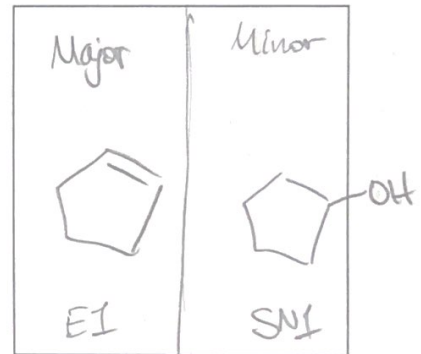
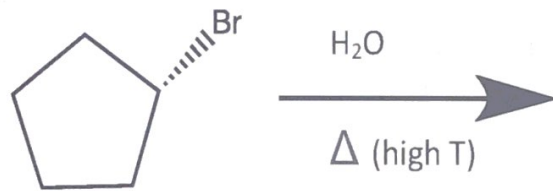
E2



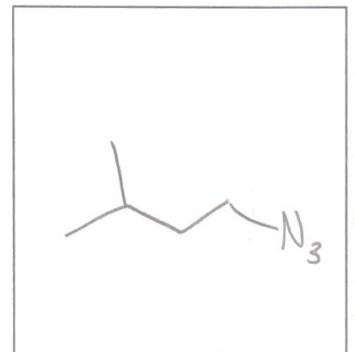
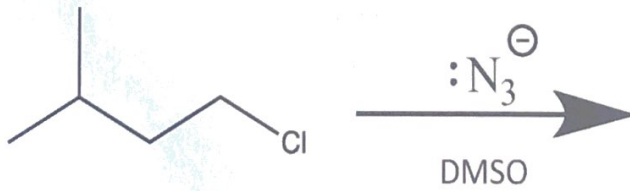
S_N2



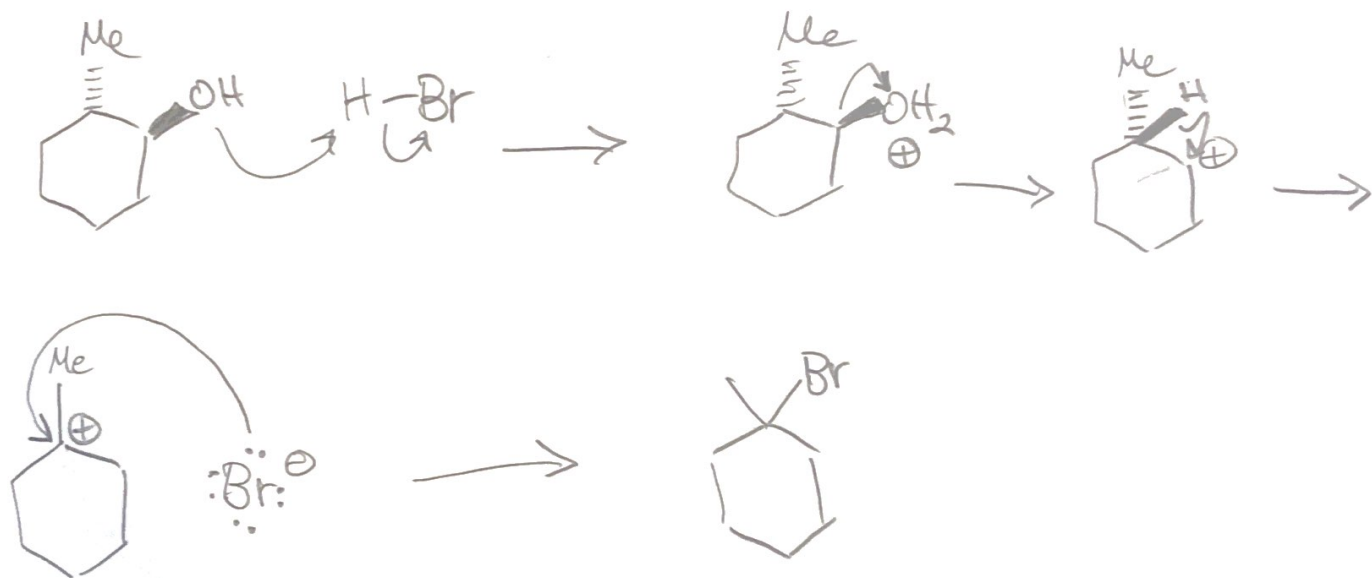
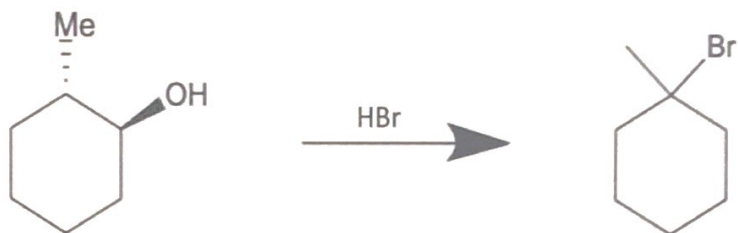
E1



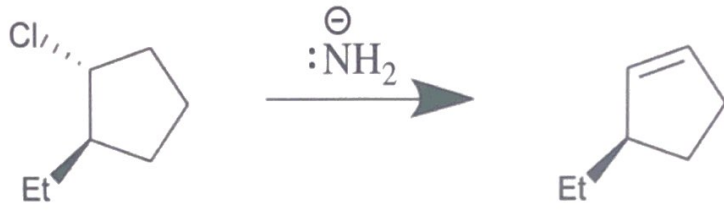
S_N2



Given the following reaction, draw the correct arrow-pushing mechanism.



Given the following reaction, draw the correct arrow-pushing mechanism.



Can't form most substituted double bond since anti-periplanar req. isn't fulfilled

