Today

Finish Class 28

Sections 6.12 and 6.13 Regioselectivity, stereoselectivity, and stereospecificity Chap 9 Substitution and Elimination

Test on Chapters 5 and 6 on Friday, December 2.

Section 6.16

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## $D = ^{\lambda}H$



If the reaction forms enantiomers, a 50/50 mixture (also called a racemic mixture) is formed.

If the reaction forms diastereomers, an excess of one diastereomer will be formed, but predicting which one will be produced in excess is beyond the scope of this class. The energies of the transition states leading to each diastereomer would have to be determined.

hybridized C which means there's an empty, unhybridized orbital on the Ct

Addition of bromine and chlorine occur by an anti addition









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## Reactions (predict major products)





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