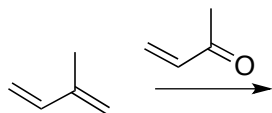


Organic II (Quiz 1D)

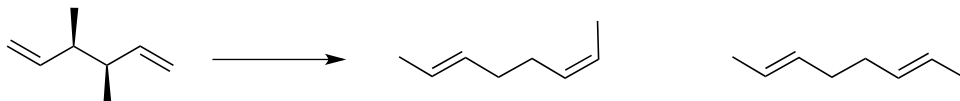
Name:

The following quiz starts 5 minutes into your recitation, at which point you have 30 minutes to complete it. Be as complete in your answers as possible for full credit. Good luck!

1a. Predict the product of the following reaction, making sure to show regiochemistry and/or stereoselectivity, and use structures to explain your answer (6 points).



2a. Which of the following reaction products would arise from the following Cope rearrangement. (4 points)



2b. Show a transition state in a chair-like diagram that explains the stereochemistry (4 points)

3. Show a mechanism for the following reaction (6 points)

