

Chem 2062 Spring 2006  
Exam 3, Group Portion  
Answer sheet  
20 points

The following problems will be solved within your own group. No consultation with the textbook, notes, or other groups will be allowed. One answer sheet will be handed in for the entire group. All group members must sign the bottom of the sheet, indicating that the answers shown are a consensus between all the group members.

Neatly write your answers on this sheet. Use the back if you need more room.

Names (printed):

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Signatures:

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**Choose two** of the following multistep synthetic transformations.

For each, construct a **retrosynthetic** analysis (starting with the target molecule and working backwards towards starting materials), planning each of your major transformations in the reverse direction.

Then, construct a complete **forward synthesis** with all reagents necessary for each reaction, drawing the products of each major step. You may use any reagent and add any organic compound which contains **6 carbons or less**.

Consult with the instructor if you are not 100% clear on these directions.

