

Chem 2062 Spring 2006
Exam 1, Group Portion
Answer sheet
20 points

The following two 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.

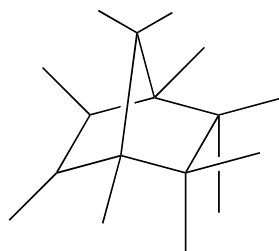
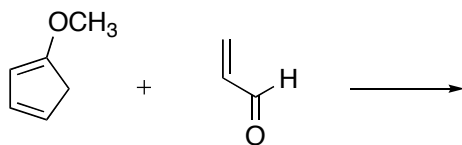
Neatly write your answers on this sheet.

Group members:
Names (printed):

Signatures:

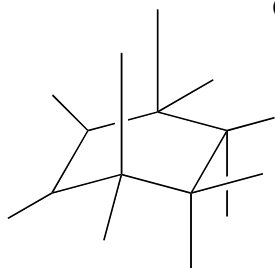
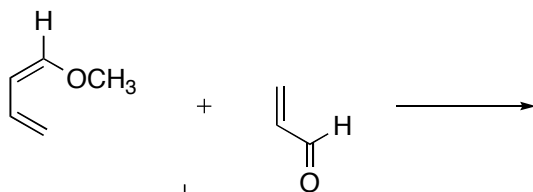
Chem 2062 Spring 2006
Exam 1 Group Portion
Questions

1. For the following reaction, use the 3D bridged bicyclic template below to draw the product with correct regiochemistry (1,2, 1,3, or 1,4 product) and stereochemistry (endo vs exo). Describe the regiochemistry and stereochemistry you chose.



3D template

2. For the following reaction, do the following:
- Draw the major product with no stereochemistry (flat), but being careful the regiochemistry is correct (i.e. is it a 1,2, 1,3, or 1,4 product). Describe the regiochemistry you chose.
 - Use the template below to draw the product 3-dimensionally from the side perspective, with the correct stereochemistry. Describe the stereochemistry you chose. (if you're having trouble, compare the positions of the groups in this problem with those of the question above)
 - Draw the product flat again, but this time with correct stereochemistry shown with dashes and wedges.



3D template