Exam 3 Name:

CHM 2210

Summer 2010

1. Name or draw ( 18 pts)



1. Label the following pairs of compounds as: Enantiomers, diasteriomers, same compound or not isomers (12 pts)



1. Label each of the following reactions as SN1, SN2, E1 or E2. Then write the complete mechanism and the products (28 pts)





1. Label the following as meso or chiral compounds then label each chiral center as R or S (remember these are fischer projections!) (10 pts)



1. Fill in the boxes (32 pts)



