Exam 2 Name:

CHM 2211

Spring 2010

1. Name or draw: 20 pts





1. Rank the following from lowest to highest boiling point 1-3 (1-lowest 3-highest) 8 pts



1. Draw the complete mechanisms for the following reactions 30 pts





1. Prepare the following 42 pts
   1. Cis-1,2-cyclohexanediol from 1-bromocyclohexane
   2. 2-methyl-2,3-epoxybutane from 2-methyl-2-butene
   3. A mixture of 4-heptanol and 3-hexanol from 3-heptyne