Exam 1 Name:

CHM 2211

Spring 2010

1. Name or draw the following
   1. 1,3-Dichloro-2-isopropylbenzene
   2. M-ethylbenzaldehyde
   3. 5-bromo-4-chloro-3-phenyl-1-heptene
   4. 2-sec-butyl-4-methylbenzoic acid
   5. 3-bromo-5-t-butylphenol



1. Are the following compounds aromatic, yes or no



1. Draw the complete mechanisms for the following reactions





1. Prepare the following
   1. M-Iodobutylbenzene from benzene
   2. 4-(1-Bromoethyl)-1-chloro-2-nitrobenzene
   3. P-Nitroaniline from benzene
   4. Phenol from benzene
   5. 2-Nitrobenzoic acid from benzene
   6. M-Bromoaniline from benzene