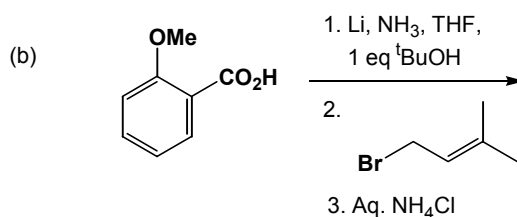
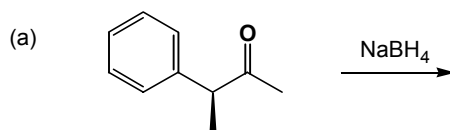


2ND YEAR ORGANIC PROBLEM CLASSES 2004/2005**Class 2. Prof Alan Armstrong – Organic Synthesis**

Class to be held at 3pm on Monday 15th November 2004 in normal tutors groups
 Answers to be handed in to **Doris Pappoe's** office – **C1 Rm 241** before 3 pm on the day
 of the class. Late scripts will receive no credit.

Please write your own name AND YOUR TUTORS NAME on your script.

1. Predict the major product of the following reactions, giving an explanation for your choice.



2. Suggest reagents to perform each of the following transformations (more than one step may be needed in each case). Explain mechanistically any issues of selectivity in the reactions you choose.

