Due November 19, 2010

MTH 2140 Homework 4

Instructions: The standard of writing for this assignment is that writing must be neat and clear enough for an expert to easily read and assess. You will not be graded based on exposition or quality of technical writing for this assignment. (On later assignments you may be asked to write for an audience of mathematical peers.) Please keep track of the amount of time that you spend on this assignment. This assignment is light on real-world applications. The point is really about practicing and solidifying techniques for solving linear equations and not about interpreting these results in the context of a model.

1. Read sections 3.3,3.4,3.7. In particular read section 3.4 because we didn't go through the details of these computations in class.

2. Section 3.2 #11c,#17

3. Section 3.3 #26bd,#27d (you will have to think about all of the parts of the problem in order to do these parts, but you needn't produce the sketches or write-ups)

4. Section 3.4 #6a-d,#12ab

5. Section 3.5 #18

6. Section 3.6 #40 (Also read #36 and think about it)

7. Section 3.7 #9