

Linear Algebra (MATH 3333) Spring 2009 Section 2

Homework 7

Due: Wed. Apr. 1, start of class

Instructions: Please read the homework policies and guidelines posted on the course webpage. You may *not* use a calculator (or computer). Make sure to write your name, course and section numbers in the top right corner of your solution set, as well as the assignment number on top. Page/section numbers refer to the course text.

Reading

Review your exam and see me if you have any questions.

Read Section 4.9 (up to and including p. 278, skipping Example 3) and 6.2 (skipping Example 10; the material after Corollary 6.2 is optional—we will cover some of it next week) by Wednesday. (Also, cf. note below.)

Written Assignment

Total: 100 points

Each problem is worth 10 points unless otherwise noted.

Section 4.9: 7, 13

Note: The book unfortunately uses the word *range* to mean what we have called *image* in class.

Section 6.2: 1, 2, 4, 5 (20 pts), 24, 26, 28.