

Linear Algebra (MATH 3333) Fall 2007 Sections 1/4

Homework 6

Due: Fri. Sept. 28, start of class

Instructions: 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.

Conceptual Questions

1. What is the difference between a linear subspace of \mathbb{R}^n and a vector space?

Written Assignment

18 points

Section 4.2 (pp. 196–197): 1 (4pts), 7 (2pts), 13 (2pts), 14 (2pts), 21 (4pts), 23 (2pts) , 24 (2pts)