

Math 241 - Section C1H - Homework 1

Assigned: 1/17/08

Due: 1/23/08 at the start of class.

Notation: Exercise a.b.c stands for Exercise c from Section a.b.

Problems to hand in:

- (1) 1.1.9.
- (2) 1.1.10.
- (3) 1.1.16.
- (4) 1.2.2.
- (5) 1.2.6.
- (6) 1.3.10.
- (7) Find the distance between the point $(0, 0, 0)$ and the line through $(1, 1, 1)$ and $(2, 3, 4)$.
- (8) 1.4.16.
- (9) 1.4.28.
- (10) For each of the following weeks, mark your 1st choice, 2nd choice, 3rd choice, and 4th choice for which day the exam should occur on: February 11-14, March 3-6, and April 14-17.