Math 55—Fall 2012
Homework 2

Part I: Not to be handed in.

1.8: 3, 7, 9, 13 [hint: adapt Example 11], 15, 19, 27, 35

2.1: 1, 5, 7, 17, 23, 25, 31, 41, 43

Part II: Problems to hand in. One or two problems will be selected for thorough grading and count 10 points each. Others count 2 points each.

1.8: 4, 20, 26, 30, 34

2.1: 18, 22, 44(c)

Additional problem: prove that for all real numbers x, y and z, at least one of xy, xz and yz is non-negative.