## Homework #1

**CAS MA 511** 

**Due date:** This homework is due at 11:59 PM on Tuesday June 1.

**Problems:** The collected problems are:

1.2: #1, 5, 8, 12 1.3: #2, 5, 7 1.4: #1, 4, 6 1.5: #1, 4, 5 2.2: #1, 4 2.3: #2, 5, 12

**Reminder:** Your proofs should read like essays and convince someone who does not already know the proof. Please write clearly.