**Homework Week V** Due Wednesday October 20 (Note the due date)

Read sections 3.1-3.4 of an Introduction to the theory of numbers.

**Problems to turn in:**

section 2.8 page 106 problems 12, 18, 25, 26 (I advise you to do these four problems before the first midterm)

section 3.1 page 135 problems 3, 5, 11, 13, 19, 21

section 3.2 page 140 problems 8, 10, 14, 18, 19 (in all these problems assume that $p$ denotes a prime)

**Additional suggested problems:**

section 3.1 page 135 problems 7, 10, 14, 15, 20

section 3.2 page 140 problems 6, 7, 11, 17, 22