Math 144
Fall 2006
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## UPDATED GENERAL INFORMATION — OCTOBER 4, 2006

Here is the first homework assignment, which is due in class on **Wednesday, October 11, 2006.** All references (including section numbers) are to the files `math144exercises1-2.pdf` and `math144exercises3.pdf`.

- **Section II.2:** 1, 2, 4
- **Section III.1:** 1, 3, 4, 5, 7, 12, 13

*Corrections to misprints*

In the earlier edition of the file `math144exercises1-2.pdf` an important phrase is missing from "Problem 15 from Rosen" in Section II.0. It should read:

> Prove that there is a positive integer which can be written as a **sum of squares** of two other positive integers in more than one way.

In the original file the phrase in bold type was misstated as *sum*, and of course the problem would be pretty trivial in that form. The current file has the corrected statement.

*Posted solutions for Sections* **I.1** – **II.1**

These are now available online in the file

`math144solutions1a.pdf`

in the course directory. Solutions to other exercises will be added after homework on the relevant sections has been collected.