

Math 136, Homework 7, due Thursday March 12

We shall continue with Chapter 7. After completing it, we'll skip on to Chapter 11. Then we'll return to Chapter 8.

Below is another bonus problem. Once again, these are harder problems, and the system is that if you solve one, you should come to my office and present the solution on the board.

Exercises due March 12:

7.1.4 (page 122): problems 1 and 2.

7.2.18 (page 132): problems 1, 2, 3, 4, 5, 6, 8, 10, 11, 13.

Bonus problem 2. Show that there is a 2-ary semirecursive predicate $U(e, x)$ such that for every 1-ary predicate P , P is recursive if and only if $P = U_e$ for some e .