

Math 136, Homework 5

The first midterm will be on Feb. 27. I have posted a study guide for it.

In lectures Feb. 18 and 20, we shall finish talking about Chapter 5, and cover 6.1, and perhaps some of 6.6. We are going to skip the applications sections 6.2–6.5 for now. Later on, we shall cover 6.5 much more thoroughly.

You should read the material on page 158 of the book on many-one reducibility. (Just page 158 is good enough.) We are using this notion implicitly a lot in section 6.1, and we will use it a lot more as we go further.

Exercises due Feb. 27:

From Chapter 5: 3.2 (all parts) on page 94-95.

From Chapter 6: 1.8 (page 106), problem 1 (all parts), 6.14 (page 119), problems 1 and 7.