

How to use this practice midterm: This list of sample problems should give you an idea of what I think is important for the midterm. The real midterm will not simply be these problems with a few numbers changed, but the real problems will at least cover the same concepts.

Therefore, when you do these problems you should do more than sit in front of your textbook and compare them to examples until you can do them. Instead you should be able to write these (or any other related problems) down and solve them *without* the textbook. The best way to reach this level is by simply doing lots of similar problems out of the book. At the beginning you'll have to look things up, but keep working until you can do the problems without your notes or the book.

(Incidentally, a few of these problems were also assigned for homework. So if you get stuck on those you can go back over your homework or your notes for recitation.)

Section 3.6 23, 33, 41

Section 3.7 27, 29, 31

Section 8.1 3, 5, 57, 65, 66

Section 8.3 13, 25, 31, 43, 45

Section 9.2 Example 8, 17, 23, 49

Section 9.3 3, 15, 17, 39

Section 9.4 3, 19, 25, 27, 45

Section 10.1 23, 25, 27

Section 10.2 3, 15