

## **Study Guide for Final Exam**

**Use study guides 1, 2, and 3 in addition to this one.**

### **Test policies**

No books, calculators, phones, or computers allowed on the exam. One page (one sided) of handwritten notes allowed on the exam.

### **Sample exam**

Here's what you might expect on an exam. Do these exercises from the book (there will be fewer problems on a real exam). No guarantees about exactly how similar are these to the exam questions. You should also go through your past homeworks and quizzes.

All the questions from study guides 1–3 plus:

12.5) 3, 25

12.6) 11, 19

12.7) 9, 33

### **Topics covered**

All the topics from study guides 1–3 plus:

12.5) Taylor series

12.6) Newton's method

12.7) L'Hospital's rule