Practice problems for FINAL.

ATTENTION! Please, do NOT expect to see one of these problems on the test. You can still expect to see typical elements from these problems. But, again, these problems are only thought to give you a good review of the material covered over the semester and there will be different problems on the final! AN ADVISE: Focus on the last chapters first.

Section 2.2: 13,14,21,22,23,24,27,28;
Section 2.3: 16,17,33,34,37,38;
Section 2.4: 29;
Section 2.5: 16,17,18,36,39,40,41;
Section 2.6: 11,13,23,29,30;
Section 2.7: 8,10;
Section 2.8: 33,34;
Section 2.9: 12,34,42;
Section 3.1: 44,45;
Section 3.2: 28,36;
Section 3.3: 11;
Section 3.4: 11,13,14,23,35,37,39,44;
Section 3.5: 9,10,12,13,15,37,38,39,40,41,42;
Section 3.6: 15,16,17,19,20,26,45,46,47,48,50;
Section 3.7: 25,26;
Section 3.8: 27,28,41,43,44,45;
Section 3.10: 6,11,20,29;
Section 3.11: 23,24,25,26;
Section 4.1: 53,54,59,62;
Section 4.2: 18,19,25,27;
Section 4.3: 27,47,49,50;
Section 4.4: 21,22,23,24,35,36,39,40,49,50,53,63,64;
Section 4.5: 25,33,47,48,49;
Section 4.7: 10,15,17,33,35;
Section 4.10: 53,54,66,72;
Section 5.1: 16,17;
Section 5.2: 15,16,17,33,35,47,48,57;
Section 5.3: 10,11,12,13,14,31,32,34,35,36,37,38;
Section 5.4: 53,55;
Section 5.5: 2,4,6,8,13,14,19,21,22,23,28,29,33,36,53,54,55,62,63,65,66;

Section 5.6: 1;
Section 6.1: 10,16,17,19,20,21,25;
Section 6.2: 14,15,17,32,33,34,35,36;
Section 6.3: 16,17,18,19,20,22,23,24,26,39,40;
Section 6.4: 14;
Section 6.5: 7,8,9,10;
Some more information about the final.

Final will have 15 multiple choice problems and 6 long. Multiple choice will be graded by machine and guessing will not be penalized. But it is still required to put some support to your answers (if you can) in the test booklet. It will be very important if anyone decide to check the grading for your exam.

Some of the multiple choice problems will require tedious calculations. Please, perform your calculations careful otherwise you can loose the whole credit.

Long problems are pretty much problems from the midterms. You can check the Walter library for the old finals for math1271. This will be a good source of study.

The Final is a 3 hour exam. That is a long time but you are not supposed to finish earlier than that. The amount of difficulty on the exam is to keep you working for 2h30min at least. Please, do not try to finish earlier. You can bring some snack and have a short break, if you do it quiet. But try not to leave the exam room before the time. Remember! An idea often comes unexpected. In such a case you want to be in the class, not out.

I wish you the best luck on the exam, and let me hope you will be happy with the grade in the end.