

Math 135 Final Exam Preparation

1. The exam is cumulative, covering every section we went over in class.
2. Any kind of problem that was fair game on previous tests is also fair game on the final (see previous test preparation sheets posted on my website).
3. A large part of the final exam will be based on the previous tests. This means that many (but not nearly all) problems on this test will be similar to problems you have been tested on before.
4. More than half the questions on the final are multiple choice in nature. You **do not** need to bring a scantron. Many of the multiple choice questions will focus on concepts and definitions.
5. You should memorize any formulas that you were required to know for previous tests.
6. Study Suggestions:
 - a) If you don't have a lot of time to prepare, then at least make sure you can do the problems that appear on previous tests, and the new material from chapters 9 and 10.
 - b) If you need an "A" or "B" on the final, then (along with studying previous tests) use your homework and notes as a study guide to prepare for the exam. Avoid studying the really long problems because they probably won't be on the test.
7. The new material on the final is from chapters 9 and 10. A well-prepared student should be able to...
 - a) solve linear systems of equations using gaussian elimination and the inverse method.
 - b) solve nonlinear systems of two equations, two unknowns.
 - c) undo the addition of rational expressions by partial fraction decomposition.
 - d) solve systems of two-variable inequalities by graphing.
 - e) perform operations on matrices.
 - f) find the inverse of a square matrix.
 - g) solve homework-type problems. Also, don't forget to study the examples from class!!!!