

Final exam preparation, math 111

Review problems can be found at <http://math.arizona.edu/~trig/>

The final exam will have 16 Multiple Choice problems (worth a total of 80 points), 5 Partial Credit problems (50 points) and 5 True/False problems (10 points).

Suggestion: Put away books, notes, etc. and attempt these problems in a test situation. Do this early enough to allow time for study of the topics that require it.

From the Multiple Choice section #1, 2, 4, 9, 14, 22, 23, 31, 36, 38, 40, 53, 56. Try to complete these problems in about an hour. Do not try to work backwards from the possible answers.

From the Partial Credit section: #1(aij), 2, 17(ade), 19, 20(adf), 23. Try to complete these problems in about an hour.

The Final Exam will NOT be a subset of these problems. However, the knowledge necessary to do well with these problems is also necessary to do well with the exam.

The final exam period is two hours. Calculators are allowed, but notes and books are not.

The final exam will be on Monday, May 9. The exam will begin at 1:00PM. Students must stay for at least one hour. All exams will be collected by 3:00.

Formulas and Identities students need to know for the final exam

Identities: Pythagorean (sin and cos)  
Reciprocal (all)  
Quotient (tan)  
Cofunction (sin and cos)  
Negative angle (sin, cos, tan)

Law of Sines  
Law of Cosines