

**MA 153**

**Exam 3 Information**

**Thursday, November 16**

**6:30 pm**

**Elliott Hall of Music--same seating area as for previous exams  
(every other seat).**

**You will need to sit with your instructor's section.**

**Lessons 20-33 (including lesson 20 and 33)**

**BRING YOUR STUDENT ID TO THE EXAM WITH YOU.**

**You will use your 10-digit number as your student ID.**

**15 multiple-choice, machine graded problems**

**Only your answer sheet is graded so make sure you have  
answered all questions the way you want.**

**The formulas provided on the exam are the volume and surface area of  
a cylinder, sphere, and cone, if needed. You are responsible for  
knowing all other formulas used on homework problems.**

**Bring a scientific calculator with you to the exam. You will not  
be allowed to use a graphing or programmable calculator, so  
do not bring one. No cell phones or PDA's.**

**Exam 3 Review Problems:**

**Page 206: #19, 22, 23, 25, 26a, 39, 42, 45, 50, 51,  
54abcde, 57, 59, 61, 63, 64, 66, 67, 78, 84ab;**

**Page 119: #38, 39, 40;**

**Page 272: #3, 5, 41;**

**Page 648: #2, 3, 4, 64;**

**All answers are in the back of the book for review problems  
Old exams/answers available online (coverage varies from  
semester to semester). Any problem covered by homework is a  
possibility for the exam.**