

Math 151: (Practice) Exam 2

Friday 9:50-11:10am, November 16, 2001 in ARC 108

Sections potentially covered by Exam 2: Sections 3.7 through 5.2, excluding 3.9, 4.6, 4.8, *plus any required skills from previous sections*. As with the final, no calculators can be used but the formula sheet will be provided.

Preparation: While there is no guarantee that *all* exam problems will be similar to homework problems, examples worked in class, or the following sample exam problems, if you have worked (with closed book) all homework problems, you should be well-prepared for the exam. Use the following sample problems as a check on your understanding and aim to complete them by the week before the actual exam (Friday, November 16): work the sample problems without the help of a book or class notes. Afterwards, you may find it helpful to discuss your results with at least one other student in the class, as well as with me.

Practice problems for Exam 2: The selected problems from each section emphasize basic skills you should know. If you have time, select additional problems from the review collections at the end of each chapter. The concept check and true-false questions can provide a quick test of your understanding. To be of value, you must first attempt all problems as if they were exam problems, using no notes, textbook, solutions manual, or assistance from friends.

- Section 3.7: 35, 55
- Section 3.8: 27, 31
- Section 3.10: 25, 31
- Section 3.11: 31, 41
- Section 4.1: 39, 49
- Section 4.2: 19, 15
- Section 4.3: 23, 43
- Section 4.4: 17, 43, 53
- Section 4.5: 27, 33
- Section 4.7: 15, 27, 31
- Section 4.9: 7, 17
- Section 4.10: 35, 63
- Section 5.1: 17, 20
- Section 5.2: 19, 33, 51
- Chapter 3 – Concept check & true-false questions: pp. 267–268.
- Chapter 3 – Review problems: pp. 268–270.
- Chapter 4 – Concept check & true-false questions: p. 359.
- Chapter 4 – Review problems: pp. 360–362.