

Math 242-011 Exam 2

Friday, March 27 during class time.

The exam will test for the following material

1. Integration by Parts, Section 7.1
2. Trigonometric Integrals, Section 7.2
Only examples 1, 2, 3, 4, 7, 8, 9 and examples in class
3. Trigonometric Substitution, Section 7.3
Only examples 1, 2, 3, 4, 5 and examples in class
4. Integration of rational Functions by Partial Fractions, Section 7.4
Example 1, Case I only denominators with at most two factors, Case III, and examples in class
5. Improper Integrals, Section 7.8

- Make sure that you understand all the problems of **Homework 3** and **Homework 4**.
- To practice try some of the problems 1-50 in Review Chapter 7, page 518-519.
- If you have any questions come to see me or your TA.

Rules of the exam

- Bring a large **BLUE BOOK**. It is a must!
- Calculators are NOT allowed to be used in the exam.
- The book and notes must remain closed during the exam.