

# Math 1B Tentative Homework

## MIDTERM 1 SECTIONS

- 5.1 1-7 ODD, 13-27 ODD, 29a
- 5.2 1-9 ODD, 17-29 ODD, 33-43 ODD, 47-53 ODD, 57, 65, 73
- 5.3 3-47 ODD, 53-63 ODD, 64-69, 73, 75, 81, 83
- 5.4 1-45 ODD, 49-65 ODD, 69
- 5.5 1-81 ODD, 85-91 ODD

## MIDTERM 2 SECTIONS

**For all chapter 6 homework which involves writing and evaluating an integral:**

**After you write the integral, use your calculator's fnInt feature to get a numerical approximation of the integral.**

**Make sure the approximation is consistent with the answer in the back of the book before you spend any time finding anti-derivatives.**

**If the approximation is inconsistent, fix your integral first. Don't find an anti-derivative for an incorrect integral.**

- 6.1 1-13 ODD, 17-39 ODD, 47, 49, 53, 59
- 6.2 1-35 ODD, 39, 41, 45, 47, 49, 55, 57, 59, 63
- 6.3 1-25 ODD, 29-33 ODD, 37-47 ODD
- 6.5 1-21 ODD, 25

**Since we are doing the chapters out of sequence,**

**some questions not marked with the calculator symbol will require integration techniques you have not learned yet.**

**Those questions are marked with \* below, and should be completed using fnInt after you have completely simplified the integrand.**

- 8.1 1-13 ODD, 15\*, 17, 19, 35, 37, 39, 43, 45
- 8.2 1-9 ODD, 11\*, 13-17 ODD
- 8.5 1, 3, 7, 9\*, 15, 17, 19\* (substitution first), 21

## MIDTERM 3 SECTIONS

- 7.1 1-57 ODD, 61-65 ODD, 69, 71
- 7.2 1-49 ODD, 57, 61, 63
- 7.3 1-31 ODD, 37, 41, 43
- 7.4 1-33 ODD, 39-53 ODD
- 7.5 1-75 ODD, 79 (**Work in groups – might require a lot of experimentation**)
- 7.8 1-41 ODD, 49-59 ODD

**Go back and redo the Chapter 8 questions marked with (\*) above, this time without using your calculator**

## POST-MIDTERM 3 SECTIONS

- 7.7 1-21 ODD, 25, 27, 29, 31, 37, 39, 41, 49
- 7.6 1-31 ODD
  
- 9.1 1-15 ODD
- 9.3 1-13 ODD, 19, 23, 39, 43
- 9.2 1-13 ODD, 19-23 ODD
  
- 8.3 21, 23, 25, 27, 29, 31, 33, 35, 37, 41
- 6.4 TBA