

# Multivariable Calculus

Math 2110Q – Fall 2014

Professor Hohn

Exercises that are fair game for Friday quizzes/exams.

## Quiz 2

The following exercises are for **Friday, September 5** (Retroactively put here):

- Ch. 12.1: 7, 9, 11, 23, 29
- Ch. 12.2: 5, 11, 15, 21, 23, 26, 29, 31, 47
- Ch. 12.3: 1, 5, 9, 13, 17, 21, 23, 27, 29, 41, 43, 45, 49

## Quiz 3

The following exercises are for **Friday, September 12**:

- Ch. 12.4: 5, 11, 17, 18, 19, 29, 39, 43, 45
- Ch. 12.5: 9, 12, 13, 15, 17, 21, 25, 29, 35, 45, 49, 53

## Exam 1

Any previous exercises plus the following for **Friday, September 19**:

- Ch. 12.5: 57, 61, 71, 73
- Ch. 13.1: 3, 11, 17, 29, 43, 47,
- Ch. 13.2: 5, 13, 17, 27, 35, 39, 47, 51
- Ch. 13.3: 3, 5

**Exam 1 Study Guide/Tips:** All questions listed above are fair game. In addition, any quiz, worksheet, or example problem has a chance of being on the exam. I also strongly suggest you work through the review questions at the end of each chapter as well.

## Quiz 4

The following exercises are for **Friday, September 26**:

- Ch. 14.1: 5, 9, 11, 19, 21, 33, 37, 39, 65, 67

## Quiz 5

The following exercises are for **Friday, October 3**:

- Ch. 14.3: 10, 11, 17, 25, 27, 31, 37, 39, 41, 43, 47, 49, 51, 53, 55, 59, 61, 65, 67, 71, 75, 83, 95
- Ch. 14.4: 3, 5, 13, 15, 17, 19, 25, 27, 29, 37

## Quiz 6

The following exercises are for **Friday, October 10**:

- Ch. 14.5: 3, 5, 7, 9, 13, 15, 23, 25, 27, 29, 31, 33, 39, 45, 47
- Ch. 14.6: 1, 5, 7, 9, 13, 15, 19, 25, 27, 29, 37, 39

## Exam 2

Any previous exercises plus the following for **Friday, October 17**:

- Ch. 14.6: 41, 43, 49, 51, 57, 63, 67
- Ch. 14.7: 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 29, 31, 33, 39, 41, 43, 45, 47, 55 (hint: the variables are  $m, b$ )

**Exam 2 Study Guide/Tips:** All questions listed above are fair game. In addition, any quiz, worksheet, or example problem has a chance of being on the exam. I also strongly suggest you work through the review questions at the end of Chapter 14 as well.

## Quiz 7

The following exercises are for **Friday, October 24**:

- Ch. 14.8: 3, 5, 7, 9, 13, 15, 19, 27, 33, 37, 43

## Quiz 8

The following exercises are for **Halloween!**:

- Ch. 15.2: 7, 9, 11, 15, 21, 25, 29, 31
- Ch. 15.3: 3, 7, 9, 13, 15, 19, 21, 23, 31, 35, 43, 47, 49, 54, 55

## Quiz 9

The following exercises are for **Friday, November 7**:

- Ch. 15.4: 5, 7, 9, 13, 15, 17, 19, 21, 25, 29, 31, 35, 39
- Ch. 15.7: 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 27, 29, 35

## Exam 3

Any previous exercises plus the following for **Friday, November 14**:

- Ch. 15.8: 9, 11, 15, 17, 19, 21, 23, 29
- Ch. 15.9: 9, 11, 17, 19, 21, 23, 25, 29 (a), 39, 46

**Exam 3 Study Guide/Tips:** All questions listed above are fair game. In addition, any quiz, worksheet, or example problem has a chance of being on the exam. I also strongly suggest you work through the review questions at the end of Chapter 15 as well.

The following exercises are for **Friday, December 5:**

- Ch. 16.1: 11, 12, 13, 14, 21, 23
- Ch. 16.2: 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 29(a), 39, 41, 47, 49

Any previous exercises plus the following for **Tuesday, December 9:**

- Ch. 16.3: 3, 5, 7, 9, 13, 15, 17, 19, 21, 23, 29, 31, 33, 35
- Ch. 16.4: 1, 3, 5, 7, 9, 11, 13, 17, 21
- Ch. 16.5: 1, 3, 5, 7, 13, 15, 17, 19, 23, 25, 27, 29, 31

**Final Exam Study Guide/Tips:** All questions listed above are fair game. In addition, any quiz, worksheet, or example problem has a chance of being on the exam. I also strongly suggest you work through the review questions at the end of Chapters 12, 13, 14, 15, and 16 as well.