

Math 112 End of Week 7 Newsletter

UPCOMING SCHEDULE:

- Friday: 13.3 – Areas between curves (with applications to profit and distance between balloons)
Monday: NO CLASS – University Holiday
Tuesday: Test Prep and Homework Q&A (bring questions)
Wednesday: 13.4 – Other integral applications to business/econ (income flow, consumer/supplier surplus)
Thursday: Activity 8 – Intro to Multivariable Functions (this is an intro to what we will be studying next week).
Note: In this worksheet you also get reminded how to estimate your grade!
<https://sites.math.washington.edu/~aloveles/Math112Winter2018/Activity08.pdf>
Next Friday: 13.4/14.1: Intro to multivariable functions

HOMEWORK: Closing Wednesday: HW 13.3

NEW POSTINGS: Check these out

1. Overview of 13.3:

<https://sites.math.washington.edu/~aloveles/Math112Winter2018/m112review13-3.pdf>

2. Overview of 13.4:

<https://sites.math.washington.edu/~aloveles/Math112Winter2018/m112review13-4.pdf>

3. Chapter 13 Formula Summary:

<https://sites.math.washington.edu/~aloveles/Math112Winter2018/m112reviewChapter13.pdf>

OLD EXAMS: You can also see the entire exam archive here: <https://sites.math.washington.edu/~m112/Archives.html>
Scroll down to the bottom of the page to see the old final exams.

For practice with 13.3: Areas between curves

Problem 5(b) from: <https://sites.math.washington.edu/~m112/Final/win14FinalExam.pdf>

Problem 2 from: <https://sites.math.washington.edu/~m112/Final/spr16final.pdf>

Problem 6 from: https://sites.math.washington.edu/~m112/Final/112_Wi16_Final.pdf

Problem 6 from: https://sites.math.washington.edu/~m112/Final/112_Sp14_Final.pdf

For practice with 13.4: Income Flow and Consumer/Supplier Surplus

Problem 2(b) from: <https://sites.math.washington.edu/~m112/Final/win14FinalExam.pdf>

Problem 3 from: <https://sites.math.washington.edu/~m112/Final/win14FinalExam.pdf>

Problem 4 from: https://sites.math.washington.edu/~m112/Final/112_Wi16_Final.pdf

Problem 3 from: <https://sites.math.washington.edu/~m112/Final/win17FinalExam.pdf>

Homework Hints: Answers and comments to common Questions from office hours.

General Comments and Hints on 13.3:

- Read the text, my review sheet and lecture notes before you start!
- Give exact answers on problems 1-4 (write as a simplified fraction)
- Problems 5-8 you are reading from a graph, so estimate (we accept anything close to the desired answer)

General Comments and Hints on 13.4:

- Read the text, my review sheet and lecture notes before you start!
- Don't forget that $e^0 = 1$.

Hope this helps.

- Dr. Andy Loveless