

Math 111 End of Week 1 Newsletter

UPCOMING SCHEDULE:

Friday: Supplement 5 (Functional Notation and Translating Questions)
Monday: Supplements 6-7 (Revenue, Cost and Profit)
Tuesday: Activity 2 (more practice with rates)
Wednesday: Supplement 7-8 (Marginal Revenue, Cost, and Profit – Analysis of Cost)
Thursday: Test Prep and homework questions (bring homework questions for this day)
Next Friday: Supplement 8-9 (Average Cost and Average Variable Cost Graphs; Max Profit)

Activity 1 (from Tuesday's quiz section) has solutions posted. Make sure to review this. You are expected to know this material for exams. Here is the direct link:

<http://www.math.washington.edu/~aloveles/Math111Winter2020/Activity01key.pdf>

HOMEWORK: Close Tues (at 11pm): Sup 1-3, Sup 4 Close Thu: Sup. 5

Homework Warning: The first week of homework mixes in different types of graphs. The intention is to get you used to reading graphs no matter how the information is given. The other intention is to get you into office hours and to get you asking questions in quiz section. My lectures will have examples that help you with homework, but you won't see *every* type of graph from the homework during lecture. So start the homework early, read the graphs carefully, and come try all our tutoring options next week. In addition, I post hints and extra examples on my website:

Sup. 1-3 HW Hints: math.washington.edu/~aloveles/Math111Fall2016/Supplement1-3HWHints.pdf

Sup. 4 HW Hints: math.washington.edu/~aloveles/Math111Fall2016/Supplement4HWHints.pdf

The most challenging problem for most students is the first problem from Supplement 4 Homework.

Extra postings to help you with the material: Please check these out to see if any help you!

1. You should be reading this: It is our math department test on graphs:

<https://sites.math.washington.edu/~aloveles/Math111Winter2020/supplementAll.pdf>

2. Sup. 1-2 Review: math.washington.edu/~aloveles/Math111Fall2015/Supplement1-2Review.pdf

3. Sup. 3-4 Review: math.washington.edu/~aloveles/Math111Fall2015/Supplement3-4Review.pdf

4. Sup. 5 Review: math.washington.edu/~aloveles/Math111Winter2020/Supplement5Review.pdf

5. More Examples:

OLD EXAM QUESTIONS FOR PRACTICE:

Here are some old exam questions that pertain to material we have done lately. In order to get a good grade in this class, it is vital that you test yourself and make sure that you are able to show your understanding on an exam. Try these problems out now to get an idea of how you well you are understanding the material and to access if you are ready for the first exam.

Four Total Amount Graph Examples (using your ruler) with answers:

math.washington.edu/~aloveles/Math111Winter2020/Four%20Overall%20Amount%20Graph%20Problems.pdf

Four Incremental Graph Examples (put your ruler away!, make a table and read carefully) with answers:

math.washington.edu/~aloveles/Math111Winter2020/Four%20Incremental%20Graph%20Problems

How to Approach Homework:

1. Don't move on until you understand the problem (could you do a similar test problem?).
2. Always get it right in one or two submission. **At most you should be using 2 submissions** (in case you have a typo in your first answer). DON'T use webassign to check your work and don't just guess. If you think you are just mistyping something, don't use 5 submissions typing the same thing in five different ways, come ask us instead.
3. If you still don't have the answer after 2 submissions, then bring your question to quiz sections, office hours, the MSC, etc... You should never, ever, ever use more than 3 submissions (you are generously given 5 submissions, which you should never use up).

Remember you only get one submission on the test!

4. Treat every problem like it is test. Don't rush through the homework (the goal is not to finish quickly, the goal is to learn the material). At the end of each assignment go back and review the material. Take notes of things that stumped you and come talk to me or a tutor to clarify those issues. Also start making a review sheet of things that might help you if you see the same problem again (remember you get a sheet of notes on the exam, so you should start making now as you do the homework).

GETTING HELP: If you need help, here is what you need to do.

1. Start your homework early so that you have time to get help (if you email me the night the homework is due, you won't get a reply). So start the homework at least 5 or 6 days before it is due. The due dates are quite generous, you should plan to be done with the assignments at least two days before the official due date.
2. Quiz section: Your first and best place to ask is in quiz section.
3. Math Study Center (MSC): The Math Study Center is your best place to get some extra help. It is located in Communications B-006 It will be open Mondays-Thursdays from 1:30pm to 4:30pm (starting next week). Come on by! This is staffed by me and other graduate students that know this class well.
4. Come to my office hours or your TA's office hours.
5. CLUE: Sundays-Thursdays in the evenings from 6:30-midnight there is drop in tutoring in Mary Gates Hall (Commons). This is staffed by undergraduate tutors. Check it out.
6. Study groups: You can and should form study groups with classmates. That is a good way to get help. Just remember that you need to keep asking yourself if you could do the problem on your own on an exam!

Email: If you have tried all other helping options and are still stumped, you can send me an email (aloveles@uw.edu), but use this as a last resort.

I hope you find these emails to be helpful.

See you in class.

Dr. Andy Loveless