

Math 111 End of Week 4 Newsletter

UPCOMING SCHEDULE:

Friday:	Section 1.1	
Monday:	Section 1.2, 1.3	
Tuesday:	Lab (ask lots of 1.1-1.3 questions)	- HW Sections 1.1, 1.2 and 1.3 close on Webassign
Wednesday:	Section 1.6	
Thursday:	Lab	- Canvas quiz on GATROC 9 & 1.1-1.3
Friday:	Section 2.1	

HOMEWORK HINTS FOR THE H/R 1.1-1.3:

- *First, make sure to look at my lecture notes as you start the homework!*
- *Second, there are a few applied problems at the end of 1.1, those problems will likely be the ones that take you the longest this week, but I think you will find that 1.2 and 1.3 are fast sections.*
- Third, as we transition to more algebraic things, the homework may look slightly different.
 - Now you will be asked for exact answers or particular rounding, so read carefully.

Here are some hints on common questions for next week's homework, PLEASE READ! Also, please check my lecture

SECTION 1.1 / PROBLEM 1 and 2: **Leave your final answer as a precise fraction.** I will say this in class and it says it at the beginning of the assignment, but I wanted to remind you again.

SECTION 1.1 / PROBLEM 6: In this problem, it says that in the formula " r " represents the number next to the percent sign (It says " $r\%$ "). **So if the problem says that interest rate is 15.9%, then that means $r = 15.9$ in this formula** (it does NOT mean 0.159 in this formula).

SECTION 1.1 / PROBLEM 12: The questions says "After how many days...". **It wants after how many whole days.** If you solve and find the values are equal at 6.6 days (for example), then the answer would be after 6 days it starts to become cheaper (note by saying "after 6 days", you aren't including 6). So you need to round down.

SECTION 1.2 HW / PROBLEM 3: **Notice that you can EXACTLY give the values of $f(0)$ and $f(6.5)$, because they tell you enough information in the picture!** Some students try to approximate and email me angry because they think Webassign is being picky, but Webassign should be picky here because you know everything you need to know to give the exact answers.

NEW POSTINGS:

If you have any trouble with the algebra or line facts we discuss this week, then please use this review for extra practice...

- [Review sheet of 1.1-1.3](#)

OLD EXAM QUESTIONS FOR PRACTICE: Here is the [OLD EXAM ARCHIVE](#)

For practice on old exams with the GATROC 9 and H/R 1.1-1.3:

Try problem 5 from here: [Fall 2016 Exam 1 \(Loveless\)](#)

Try problem 2 from here: [Winter 2016 Exam 1 \(Taggart\)](#)

Try problem 5 from here: [Fall 2015 Exam 1 \(Loveless\)](#)

Try problem 3 from here: [Fall 2018 Exam 1 \(Taggart\)](#)

Answers or solutions can be found for each of these in the old exam archive.

I hope you find these newsletters to be helpful. See you in class.

Dr. Andy Loveless