Math 126 End of Week 5 Newsletter

UPCOMING ASSIGNMENTS

- *Closing Tue*: 14.3(1), 14.3(2) HW (finish now!!)
- *Closing Thu*: 14.4, 14.7 HW (14.7 is the main concept, give it lots of time)
- *Fri-Sun*: Quiz 3 (Ch. 14) on Canvas

UPCOMING SCHEDULE:

Monday:	Live-Stream – 14.7 part 1 (local max/min and applied max/min)	- **Watch 14.7(p1) Before**
Tuesday:	Test Prep on 14.7 & HW discussion.	- **Watch 14.7(p2)**
Wednesday:	Live-Stream – 14.7 part 2 (global max/min)	**- Watch 14.7(p3)**
Thursday:	Review & HW discussion.	
Friday:	Live-Stream – 15.1 (intro to double integrals)	- **Watch 15.1 Before**

NEW POSTINGS: Here is my Dr. Loveless Extra Materials Page

1. My summary of all Calculus I and Calculus III max/min concepts
2. Summary of key facts of chapter 14

OLD EXAMS: You should first make sure you know ALL the chapter 14 well. Look for questions in my old second midterms about partial derivatives, tangent planes, local max/min and global max/min. I also made the test preps to give you targeted practice problems. And finally, here are a few links directly to more practice by topic:
Here is my exam archive (which contains all these exams and full solutions):
https://sites.math.washington.edu/~aloveles/Math126Winter2021/examarchive.html

For practice with 14.3, 14.4 (partial derivatives and tangent planes)

Problem 1b from Exam 2, Fall 2011
Problem 2a from Exam 2, Spring 2013
Problem 3a from Exam 2, Winter 2016

For practice with 14.7 (critical points and max/min)

Local Max/Min:

Problem 2b from Exam 2, Spring 2013
Problem 2 from Exam 2, Spring 2011

Global Max/Min:

Problem 4 from Exam 2, Spring 2016
Problem 4 from Exam 2, Spring 2014

Applied Max/Min:

Problem 4 from Exam 2, Fall 2018
Problem 5 from Exam 2, Spring 2010

I hope these newsletters are helpful. Please advertise them to your classmates.

PERSONAL NOTE: Thank you to all of you posting answers to classmates on the discussion board. It really helps for students to hear directly from each other. Please keep the discussion going, keep asking questions, and keep coming to quiz sections and live-streams. You can all do well in this course, keep at it, we can do it!

- Dr. Loveless