

Math 124 End of Week 9 Newsletter

UPCOMING SCHEDULE:

Friday: Section 4.5 (Curve Sketching)
Monday: Section 4.7 (Optimization)
Tuesday: Discuss optimization problems (bring homework questions).
Note there is a Worksheet on Optimization:
http://www.math.washington.edu/~m124/source/worksheets/aut_ws11.pdf
Wednesday: Section 4.7 (Optimization) and Final Review
Thursday: Final Exam Review
Next Friday: Final Exam Review (Bring Questions)
Here are the solutions to last Tuesday's worksheet on curve sketching:
http://www.math.washington.edu/~m124/source/worksheets/aut_ws10sol.pdf

The Math 124 Final is Saturday, December 9th, from 1:30-4:20pm in KANE 130.

There is assigned seating, go here to see your assigned seat:

<https://catalyst.uw.edu/gradebook/aloveles/102715>

HOMEWORK:

Closing Tuesday: hw23S4.4-5
Closing Thursday: hw24S4.7 (last homework!)

PREVIOUS HOMEWORK STATS:

hw19S4.1: median score = 100%, median time browser open to assignment = 120 minutes
hw20S4.1: median score = 100%, median time browser open to assignment = 124 minutes
hw21S4.3: median score = 97%, median time browser open to assignment = 232 minutes

NEW POSTINGS

Remember the course website is here:

1. **Quick Checklist of Final Exam Topics:**
<https://sites.math.washington.edu/~aloveles/Math124Fall2017/m124FinalReviewOverheads.pdf>
2. **A review of 4.4 and 4.5 (L'Hopital's rule and Curve Sketching procedures):**
<https://sites.math.washington.edu/~aloveles/Math124Fall2017/m124week8review.pdf>
3. **A review of 4.7 with a full procedure of how to do all optimization problems:**
<https://sites.math.washington.edu/~aloveles/Math124Fall2017/m124week9review.pdf>
4. **Overheads of some optimizations examples that I might use in lecture:**
<https://sites.math.washington.edu/~aloveles/Math124Fall2017/4-7OptimizationOverheads.pdf>
5. **Remember, the final exam archive is here:**
<http://www.math.washington.edu/~m124/SampleFinal.php>

OLD EXAMS: Answers for these problems in are in the final exam archive. You should definitely look at all these questions and many more in the final exam archive!

For practice with 4.4 – L’Hopital’s Rule: (Also includes other limit type problems)

Problem 1a from: http://www.math.washington.edu/~m124/source/Exams/Final/final_15sp/final.pdf

Problem 1c from: http://www.math.washington.edu/~m124/source/Exams/Final/final_15w/final.pdf

Problem 1e from: https://sites.math.washington.edu/~m124/source/Exams/Final/final_15aut/final.pdf

For practice with 4.5 – Curve Sketching

Problem 7 from: http://www.math.washington.edu/~m124/source/Exams/Final/final_15sp/final.pdf

Problem 7 from: http://www.math.washington.edu/~m124/source/Exams/Final/final_15w/final.pdf

Problem 7 from: https://sites.math.washington.edu/~m124/source/Exams/Final/final_15aut/final.pdf

Problem 6 from: http://www.math.washington.edu/~m124/source/Exams/Final/final_14w/final.pdf

For practice with 4.7 – Optimization

Problem 6 from: http://www.math.washington.edu/~m124/source/Exams/Final/final_15sp/final.pdf

Problem 6 from: http://www.math.washington.edu/~m124/source/Exams/Final/final_15w/final.pdf

Problem 5 from: https://sites.math.washington.edu/~m124/source/Exams/Final/final_15aut/final.pdf

Problem 7 from: http://www.math.washington.edu/~m124/source/Exams/Final/final_14w/final.pdf

I hope some of this helps.

Dr. Andy Loveless