

Math 124 End of Week 8 Newsletter

UPCOMING SCHEDULE:

Friday: Section 4.3 (1st and 2nd derivative tests)
Monday: Review
Tuesday: **Exam 2**
Wednesday: No Class – Reading/Grading Day (use this time to work ahead on 4.3 HW)
Thursday: Thanksgiving! (No Class)
Next Friday: No Class

HOMEWORK:

Closing Thursday (Today): hw19S4.1 and hw20S4.1
Closing *Tuesday* - Nov. 28th (after Thanksgiving break): hw21S4.3
Closing *Thursday* - Nov. 30th: hw22S4.4 and hw23S4.4-5

PREVIOUS HOMEWORK STATS: hw17S3.9: median score = 96%, median time = 212 minutes
hw18S3.10: median score = 97%, median time = 150 minutes

NEW POSTINGS:

Remember the course website is here: <https://sites.math.washington.edu/~aloveles/Math124Fall2017/index.html>

1. There is an Exam 2 Review posted here:

<https://sites.math.washington.edu/~aloveles/Math124Fall2017/Exam%20%20Review%20-%20f17.pdf>

2. 4.1 and 4.3 review:

<https://www.math.washington.edu/~aloveles/Math124Fall2017/m124week7reviewNOMeanValue.pdf>

Things you might want to look at over the Thanksgiving break to get ahead:

3. 4.4 and 4.5 review:

<https://www.math.washington.edu/~aloveles/Math124Fall2017/m124week8review.pdf>

4. General Summary of Max/Min Methods with three basic examples fully worked out:

<https://www.math.washington.edu/~aloveles/Math124Fall2017/m124Max-MinSummary.pdf>

OLD EXAMS:

For practice with 4.1 – Critical Numbers and Absolute Max/Min:

Prob. 4 from: <https://www.math.washington.edu/~taggart/m124/win2010/ExamII/Exam2v1.pdf>
Prob. 4 from: <https://www.math.washington.edu/~taggart/m124/spr2010/ExamII/Exam2v1.pdf>
Prob. 3 from: <https://www.math.washington.edu/~aloveles/Math124Winter2016/m124f10e2.pdf>
Prob. 1 from: <https://www.math.washington.edu/~conroy/m124-general/exams/aut2012/mt02a-math124-aut2012.pdf>

The topic below won't be on exam 2 (they will be on the final), these are things to look at over the break to get ahead:

For practice with 4.3 – Local Max/Min, Inflection Points, 1st and 2nd Derivative Tests

Prob. 4 from: <https://www.math.washington.edu/~aloveles/Math124Winter2016/m124f10e2.pdf>
Prob. 4 from: https://www.math.washington.edu/~m124/source/Exams/Midterm2/mid2_a12_perkins/Mid2.pdf
Prob. 7bc from: https://www.math.washington.edu/~m124/source/Exams/Final/final_aut15/final.pdf
Prob. 7cd from: https://www.math.washington.edu/~m124/source/Exams/Final/final_sp15/final.pdf
Prob. 7 from: https://www.math.washington.edu/~m124/source/Exams/Final/final_w15/final.pdf
Prob. 6bc from: https://www.math.washington.edu/~m124/source/Exams/Final/final_aut14/final.pdf

I hope some of this helps.

Dr. Andy Loveless