Math 126 End of Week 7 Newsletter

UPCOMING ASSIGNMENTS
- *Closing Fri.* *(Feb 19th)*: 15.1
- *Closing Tue.* *(Feb 23rd)*: 15.2 (Don't get behind, start early)
- *Closing Thu*. *(Feb 25th)*: 10.3, 15.3 (15.3 has some longer integrations, start early)

UPCOMING SCHEDULE:
Monday: Holiday - President's day
Tuesday: Exam 3 – Ch. 14
Wednesday: Live-Stream – 15.1 Double Integrals Intro - **Watch 15.1 Before**
Thursday: Test Prep on 15.1/15.2 and HW Q & A
Friday: Live- Stream – 15.2 General Regions - **Watch 15.2 Before**

POSTINGS: Here again is my extra materials/review website (these are all my personal review sheets I made in hopes to help you, they are not required, but if you are struggling I hope they help)
  15.1 and 15.2 Materials (Fundamentals of Double Integrals):
  1. 15.1/15.2 Terminology and Theory Review Sheet
  2. **Describing regions** (**very important**, read thru and try these if you are still confused after lecture):
      Describing regions practice sheet 1 - Solutions (this is directly from a review from my Calc II class!)
      Describing regions practice sheet 2 - Solutions (lots of detail here, please use this practice!!!)

OLD EXAMS TO TRY: Solutions and lot more practice is in my exam archive.
For practice with 15.1/15.2 (setting up "word" problems):
      Winter 2015 – Dr. Loveless – Exam 2 – 3(a)
      Spring 2014 – Dr. Loveless – Exam 2 – 2(b)
      Spring 2013 – Dr. Loveless – Exam 2 – 3(a)
For practice with 15.2 (draw region and reverse order):
      Winter 2015 – Dr. Loveless – Exam 2 – 2(b)
      Fall 2013 – Dr. Loveless – Exam 2 – 2(b)
      Spring 2014 – Dr. Loveless – Exam 2 – 2(a)

SUPPLEMENTAL POSTINGS ON INTEGRATION: You now need to remember how to integrate. You are expected to know all integration techniques from Math 125. If you have forgotten integration, then see my website for even more review of integration. Here are a few specific links you might find useful.

1. Integrals you can quote in one step.
2. My Very Basic Integrals Practice Sheet (a warm-up/refresher that only requires simplification and substitution)
      Solutions
3. Full Review of Integration by parts.
5. Several examples of substitution, by parts, and partial fractions.
6. Here is my flowchart on how to do all integration problems (from Math 125).

I have a ton more things here on my Math 125 page:
      https://sites.math.washington.edu/~aloveles/Math125Fall2019/index.html
(including lecture notes and explanations for each of these topics)

I'll have a few more posts specific to trig and 10.3/15.3 next week, but otherwise the things above give you the tools you need.

Hope this helps.

Dr. Loveless