

Homework for Math 1310 – 004, Spring 2023

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April 13, 2023

Our text is by James Stewart, *Calculus Concepts and Contexts* 4th edition, Brooks/Cole Cengage Learning, Belmont, 2010. ISBN-10: 1337687669, ISBN-13: 978-1337687669. An e-version of the textbook will automatically show up in Canvas provided that the student opts in to the *inclusive access* program (which is the default case). The text is a \$49.52 per semester rental that is added to the course fee.

Please read the relevant sections in the text as well as any cited reference. Assignments are due the following Friday, or on April 21, whichever comes first. Your written work reflects your professionalism. Make answers complete and self contained. This means that you should copy or paraphrase each question, provide adequate explanation to help the reader understand the structure of your argument, be thorough in the details, state any theorem that you use and proofread your answer. Homework from Wednesday to Tuesday will be due Friday. Late homework that is up to one week late will receive half credit. Homework that is more than one week late will receive no credit at all. Homework that is turned in not later than 3:00 pm Friday afternoon will be considered to be on time.

Please hand in problems A1 on Friday, Jan. 13.

A1. Please hand in the following exercises from from Stewart's *Calculus*.

page[problem numbers]
23[46, 70]
43[4, 16, 26, 30, 36, 52, 54, 64]

Please hand in problems B1 on Friday, Jan. 20.

B1. Please hand in the following exercises from from Stewart's *Calculus*.

59[8, 24, 30]
69[11, 19, 26, 44, 54, 60]
76[14, 38]
94[1, 3]

Please hand in problems C1 on Friday, Jan. 27.

C1. Please hand in the following exercises from from Stewart's *Calculus*.

102[6, 10, 15, 19]
111[1, 14, 29, 38]
121[7, 13, 16]

Please hand in problems D1 on Friday, Feb. 3.

D1. Please hand in the following exercises from from Stewart's *Calculus*.

132[15, 19, 23, 27, 39]
142[4, 8, 14, 29, 35, 45]
155[12, 25, 42, 51]

Please hand in problems E1 on Friday, Feb. 10.

E1. Please hand in the following exercises from from Stewart's *Calculus*.

162[5, 14, 15, 25, 31]
181[10, 15, 30, 46, 64]
188[2, 10, 13, 27, 51]

Please hand in problems F1 on Friday, Feb. 17.

F1. Please hand in the following exercises from from Stewart's *Calculus*.

195[11, 13, 29, 35, 43]
205[11, 23, 60, 69, 81]
214[1, 3, 27, 35, 43]

Please hand in problems G1 on Friday, Feb. 24.

G1. Please hand in the following exercises from from Stewart's *Calculus*.

220[10, 15, 22, 33]
226[21, 29, 35, 47]
245[17, 23, 27, 33]

Please hand in problems H1 on Friday, Mar. 3.

H1. Please hand in the following exercises from from Stewart's *Calculus*.

260[4, 10, 11, 19, 29, 34, 37]
268[33, 35, 43, 48, 62]
279[9, 15, 27, 29]

Please hand in problems I1 on Friday, Mar. 17.

I1. Please hand in the following exercises from from Stewart's *Calculus*.

281[18, 20, 41, 51, 59, 61]
296[10, 12, 19, 31, 34, 41]
305[3, 9, 21, 25, 35]

Please hand in problems J1 on Friday, Mar. 24.

J1. Please hand in the following exercises from from Stewart's *Calculus*.

315[5, 11, 23, 27]
321[10, 19, 31, 39, 41, 45]
341[5, 11, 15, 21]

Please hand in problems K1 on Friday, Mar. 31.

K1. Please hand in the following exercises from from Stewart's *Calculus*.

353[4, 9, 17, 25, 35, 41, 51]
363[7, 13, 24, 26]

Please hand in problems L1 on Friday, Apr. 7.

L1. Please hand in the following exercises from from Stewart's *Calculus*.

364[40, 43, 64]
372[2, 8, 18, 30]
381[8, 9, 13, 27, 35, 47, 67]

Please hand in problems M1 on Friday, Apr. 14.

M1. Please hand in the following exercises from from Stewart's *Calculus*.

387[3, 8, 10, 13, 20, 27, 39]
393[3, 6, 8, 12, 17, 23, 25, 29]

Please hand in problems M1 on Friday, Apr. 14.

M1. Please hand in the following exercises from from Stewart's *Calculus*.

387[3, 8, 10, 13, 20, 27, 39]
393[3, 6, 8, 12, 17, 23, 25, 29]

Please hand in problems N1 on Friday, Apr. 14.

N1. Please hand in the following exercises from from Stewart's *Calculus*.

411[20, 30]
421[13, 19, 27, 31, 46]
436[6, 31]
446[2, 13, 19]

The FINAL EXAM is Friday, April 28 at 10:30 am.