Problem Sets
Calculus II (MATH 0122), Section A
Fall 2022

December 5, 2022

Assignments are from James Stewart's *Single Variable Calculus, 8e*. Assignments are collected on Mondays, Wednesdays and Fridays. On some Mondays there will be two p-sets collected. The listing above gives the day which you would want to start the set, not the day it is due. WARNING: In Section 6, we will study the starred sections 6.2*,6.3*, 6.4* and problem sets will come from these.

1. Read the preface and "Thoughts on Homework" - **1.7** 2, 14 **1.8** 16, 53 **2.2** 21, 58 **3.2** 5, 25

2. **4.3** 3, 9, 17, 29, 49, 55, 67, 70

3. **6.1** 13, 14, 19, 24, 26, 33, 35, 43, 50

4. **6.2*** WARNING - STARRED SECTIONS! 10, 12, 17, 19, 25, 37, 48, 61, 68, 70, 73, 85

5. **6.3*** Warning 8(b), 11, 28, 43, 45, 56, 57, 63, 82, 85, 101

6. **6.4*** Warning 25, 27, 36, 45, 46, 47, 51, 60

7. **6.5** 4, 7, 10, 12, 16, 20(a)

8. **6.6** 3, 19, 22, 23, 29, 40, 50, 58, 62, 63, 75(a), 80

9. **6.8** 17, 25, 40, 45, 50, 55, 58, 88, 89

10. **7.1** 6, 9, 17, 34, 47, 51, 57, 66

11. **7.2** 5, 12, 15, 19, 21, 33, 41, 47, 66 (due Friday)

12. **7.3** 6, 7, 8, 17, 21, 23, 30, 33, 40

13. **7.4** 4, 9, 15, 19, 23, 39, 57 (due before break)

14. **7.8** 2, 14, 15, 17, 19, 29, 31, 49, 51, 73(a)

15. **11.1** 20, 22, 24, 26, 28, 45, 55, 56, 68 (due Wednesday)

16. **11.2** 17, 26, 29, 31, 32, 45, 47, 49, 57, 71, 85

17. **11.3** 5, 7, 13, 15, 21, 27, 31, 33

18. **11.4** 3, 8, 14, 15, 19, 21, 29, 30, 38, 42 (read 40 and 41)

19. **11.5** 5, 7, 14, 17, 19, 24, 31

20. **11.6** 3, 5, 11, 12, 17, 19, 21, 25, 45(a),(b)

21. **11.8** 3, 5, 10, 17, 18, 20, 30(a),(b)

22. **11.9** 4, 5, 11, 13, 18, 23, 28

23. **11.10** 7, 9, 13, 15, 21, 27, 43, 49, 54, 61

24. **11.11** 3, 4, 13(a)(b), 25, 27

25. **9.1** 1, 6, 7, 9, 13

26. **9.2** 1, 3, 4, 5, 6, 11, 23

27. **9.3** 3, 7, 12, 16, 35, 39, 40, 43

28. **9.4** 1, 3, 8, 9, 17(a)-(d)

29. **9.6** 3,4,5,11

30. **10.1** 1, 6, 7, 9, 13

31. **10.2** 1, 3, 4, 5, 6, 11, 23

32. **10.2** 33, 34, 35, 41, 43, 48

Table 1: Problem Sets

Week beginning	Monday	Tuesday	Wednesday	Thursday	Friday
September 12	Read the preface and "Thoughts on Homework" - **1.7** 2, 14 **1.8** 16, 53 **2.2** 21, 58 **3.2** 5, 25		**4.3** 3, 9, 17, 29, 49, 55, 67, 70	**6.1** 13, 14, 19, 24, 26, 33, 35, 43, 50	**6.2*** WARNING - STARRED SECTIONS! 10, 12, 17, 19, 25, 37, 48, 61, 68, 70, 73, 85
September 19	**6.3*** Warning 8(b), 11, 28, 43, 45, 56, 57, 63, 82, 85, 101		**6.4*** Warning 25, 27, 36, 45, 46, 47, 51, 60	**6.5** 4, 7, 10, 12, 16, 20(a)	**6.6** 3, 19, 22, 23, 29, 40, 50, 58, 62, 63, 75(a), 80
September 26	**6.8** 17, 25, 40, 45, 50, 55, 58, 88, 89			**7.1** 6, 9, 17, 34, 47, 51, 57, 66	
October 3	**7.2** 5, 12, 15, 19, 21, 33, 41, 47, 66 (due Friday)			Exam (thru **6.8**)	**7.3** 6, 7, 8, 17, 21, 23, 30, 33, 40
October 10	**7.4** 4, 9, 15, 19, 23, 39, 57 (due before break)			**7.8** 2, 14, 15, 17, 19, 29, 31, 49, 51, 73(a)	Fall recess
October 17				Exam on Chapter 7	**11.1** 20, 22, 24, 26, 28, 45, 55, 56, 68 (due Wednesday)
October 24			**11.2** 17, 26, 29, 31, 32, 45, 47, 49, 57, 71, 85		**11.3** 5, 7, 13, 15, 21, 27, 31, 33
October 31	**11.4** 3, 8, 14, 15, 19, 21, 29, 30, 38, 42 (read 40 and 41)		**11.5** 5, 7, 14, 17, 19, 24, 31	**11.6** 3, 5, 11, 12, 17, 19, 21, 25, 45(a),(b)	**11.8** 3, 5, 10, 17, 18, 20, 30(a),(b)
November 7	**11.9** 4, 5, 11, 13, 18, 23, 28		**11.10** 7, 9, 13, 15, 21, 27, 43, 49, 54, 61		**11.11** 3, 4, 13(a)(b), 25, 27
November 14				Exam on Chapter 11	
November 21	Thanks-	giving	break	Peace	be with you

Table 2: Problem Sets

November 28	**9.1** 1, 6, 7, 9, 13		**9.2** 1, 3, 4, 5, 6, 11, 23		**9.3** 3, 7, 12, 16, 35, 39, 40, 43
December 5	**9.4** 1, 3, 8, 9, 17(a)-(d)		**9.6** 3,4,5,11	**10.1** 1, 6, 7, 9, 13	**10.2** 1, 3, 4, 5, 6, 11, 23
December 12				**December 15 - Final Exam, 9am-12noon**	