

Math 172 Spring 2008

Set	§	Exercises
1	4.9	1–11 odds
	5.1	1a,3
2		indefinite integral worksheet: To get a copy of these problems, go to UWO's d2l course web site: https://uwosh.courses.wisconsin.edu/
3	Ap F	p. A48–A49: 1–19 odds, 21–27 all, 29–33 odds, 41,43
4	5.1	11,15,17,19; Maple: 9
5	5.2	1,5,7,17,19,31–39odds,38,42,51; Maple: 13
6	5.3	1–31 odds,28,35,36,39,41,43,53,55,57,67,68
7	5.4	3–15 odds,22,26
8	5.5	1–37 odds
9	5.5	39–57 odds,63,65 substitution worksheet: see d2l
10	5.7	1–7 odds; trig integrals worksheet: see d2l
11	5.7	15–29 odds
12	5.6	1–31 odds,37–41 odds
13		Integration by parts worksheet
14	6.1	1–15 odds,27,37,39,41
15	6.2	1–13 odds,21,25,27,33
16	6.2	35,39,50,52,53 Let R be the region bounded by the graphs of $y = x^2$ and $y = x + 2$. Find the volume of the solid generated by revolving R about the line $x = 3$.
17	5.8	1–23 odds; Do 26,27,29,31 two ways: use u-sub and use Maple.
18	5.9	1,20,26,30,31,38; Maple: 3,5,8,13
19	6.3	1,7,8,19,20
20	6.4	1–5 odds,9,12,19
21	6.5	1,9,11
		Chapter 6 Review concept check: 1,3,4a,5a,6 exercises:1,2,4,6,7,9,11,12,16–18,26
22	5.10	1bc,2abd,23–32 all ,37,38
23	5.10	1ad,2c,3–21 odds,33,47,59
24	5.10	39,40,41,43,45
		Chapter 5 Review concept check: 1–8,10–13 T/F: 1–15,17–22 exercises:1–5,7–29,31–34,37,39–42,54–63,68ab,71,73
25	8.1	1–31 odds,35,41,43,45,49,52
26		sequence exercises: see d2l
27	8.2	1,3,6–8,11–15 odds,21,22,24,27,29–32,38

28	8.2	2,4,5,9,10,17–20,23,25,35,45,51–53
29	8.3	1–4,9–12,17,18,20,35 DCT exercises: see d2l: do “11.3” #13–17,32,38
30	8.3	5,14,16,19,21–26,39 LCT exercises: see d2l: do “11.3” #21–33,35,36,39–42
31	8.3	13,15,27,29,35 integral test exercises: see d2l: do “11.3” #5,8,34
32	8.4	1,3–11 all,13,17,19,23,27
33	8.4	2,12,21,25,29,33,35
34		Ratio Test exercises: see d2l: do “11.4” (omit 11–18,32)
35	8.5	1–27 odds
36	8.6	1–29 odds,35,36
37	8.7	19–25 odds,33,34,37,41,43,49,50,52,53
38	8.7	4,5,9,13,15,56
39	8.9	3,6,16,19,21,23,27
		Chapter 8 Review concept check: 1–11 T/F: 1–18 exercises: 1–25,28–41,45,49
40	7.1	1–11 odds, 2,4
41	7.3	1–15 odds,33
42	7.4	1–11 odds
43	7.4	13–19 odds
		Chapter 7 Review concept check: 1,2,5 T/F: 1–4 exercises: 5,7,11,12,14ab
44	5.7	9,11,14,31
45	8.8	1,9,13,15

Exams, Quizzes, and Problem Sets

Note: All exams, quizzes and problem set due dates are on Fridays.

Exams:

Midterm: March 21

Final: May 16

Quizzes:

Quiz 1: Feb. 15

Quiz 2: Feb. 29

Quiz 3: April 4

Quiz 4: April 18

Quiz 5: May 2

Problem sets:

Problem set 1: Feb. 8

Problem set 2: Feb. 22

Problem set 3: March 7

Problem set 4: April 11

Problem set 5: May 9