

MAT 4124--Advanced Placement Calculus AB 2  
ASSIGNMENT SHEET SPRING 2023 (for 11<sup>th</sup> Edition)

DAY	SECTION	ASSIGNMENT	DATE ASSIGNED	DATE DUE
1	4.2 Part I	p.267 = 37(by hand using $n=4$ )*,39( $n=5$ )*,40( $n=5$ )*,45ae+, 67,68,69,71abce+ *= show work += Use TI program for S(n), s(n), M(n)	1/4/23	1/6/23
2	4.2 Part II	p. 267=14,15,18,23(multiply out first),24,28,33,34,38(by hand using $n=8$ ), 46ae (use TI program)	1/6/23	1/9/23
3	4.2 Part III	p. 267=9,10,17*,20*,25,26,47+,50+,51+,52+,72 *=expand 1 <sup>st</sup> +=work on $\sum$ part & then take limit at the end	1/9/23	1/11/23
4	4.3 Part I	p. 277= 6,8,11,12,14,15,20,46,49,50,65,66,75	1/11/23	1/13/23
5	4.3 Part II	p. 277 = 9,18,23,26,31,33,34,37,41,44,45,47,53,54,67,68	1/13/23	1/18/23
6	4.4 Part I	p. 292 =5,6,11,16,20,30,34,37,38,39,50,53,58,62,105,106	1/18/23	1/20/23
7	4.4 Part II	p. 292=3,17,22,31(be clever),54,60,68,75,79,83,84	1/20/23	1/23/23
8	4.5	p. 305= 6,11,18,22,26,29,31,35,41,44,47,49,51,63,67,69, 71,74,76,77	1/23/23	1/25/23
9	8.6	p. 564= (Skip Simpson's Rule on all) 3*,12*,16,19,35,36 38a,41,44a *= Set-up by hand without p. 305= 46,66,95 the calculator program	1/25/23	1/27/23
10		Practice Test -- AP Practice Problems	1/27/23	1/30/23
11		Review -- Finish preparation for Test 1 --do <b>APC</b> Review set	1/30/23	2/1/23
12		TEST #1		2/1/23
13	5.1	p.321= 9,10,11,14,23,32,39,45,49,53,64,69,81,82,87 & <b>APC</b>	2/3/23	2/8/23
14	5.2	p. 330=9, 16,19(needs long division),24,41,50,54,57, 61,62,67,68,77,94 & <b>APC</b>	2/8/23	2/10/23
15	5.3	p. 339= 7,38,47,55,64,68,71,87,88,89,90 & <b>APC</b>	2/10/23	2/13/23
16	5.4 Part I	p. 348= 3,14,19,20,21,25,26,33,45,51,56,59,63,64,76, 83(nDeriv) & <b>APC</b>	2/13/23	2/15/23
17	5.4 Part II	p. 348= 46,54,66,99,107,109,114,117,124,135 & <b>APC</b>	2/15/23	2/17/23
18	5.5 Part I	p. 358= 15,39,44,61,62,69,70,73,75,78,87,88 p. 348= 65,102 & <b>APC</b>	2/17/23	2/20/23
19	5.5 Part II	p. 358= 5,11,27,33,37,47,55 (simplify 1 <sup>st</sup> to make easier), 64,76,81,101(use nDeriv on (c) and (d) ) & <b>APC</b>	2/20/23	2/22/23
20	5.7	p. 379=2,6,8,11,37,41,43,44,45,49,57,59,63,87,90 & <b>APC</b>	2/22/23	2/24/23
21	5.8	p. 387=4,5,6,7,16,19(split fraction),22,23,25,35,47,63,66 & <b>APC</b>	2/24/23	2/27/23
22		Practice Test -- AP Practice Problems	2/27/23	3/1/23

DAY	SECTION	ASSIGNMENT	DATE ASSIGNED	DATE DUE
23		Review -- Finish preparation for Test 2 –do <b>APC</b> Review set	3/1/23	3/3/23
24		TEST #2		3/3/23
25	6.3	p. 429=5,9,10,19,22,25,30,35,36,37,38 & <b>APC</b>	3/13/23	3/15/23
26	6.1	p. 411= 3,31*,57,58,59,65, 87,88 & <b>APC</b> Worksheet *The general soln is given; find the value of "C" for the particular soln	3/15/23	3/17/23
27	6.2 Part I	p. 420=13,14,15,20,29,37,39,51,52 & <b>APC</b>	3/17/23	3/20/23
28	6.2 Part II	p. 420=16,19,30,38,42,60,65,66 & <b>APC</b> Worksheet	3/20/23	3/22/23
29	7.1	p.450=5,6,10,17,22,29,31,38,52,65 & <b>APC</b>	3/22/23	3/24/23
30	7.2 Part I	p.461=73,74abc p.511=26 Page AP7-2 (following p. 514) Multiple Choice #10 p.450=21,32 & <b>APC</b>	3/24/23	3/27/23
31	7.2 Part II	p.450=68,75,76,83,84,85 & <b>APC</b> Worksheet	3/27/23	3/29/23
32	7.2 Part III	p.461=2,5,7,9,12,14ab,27,35,37,50 & <b>APC</b>	3/29/23	3/31/23
33	7.2 Part IV	p.461=8,15,16,18,23,74d & <b>APC</b>	3/31/23	4/3/23
34		Practice Test -- AP Practice Problems	4/3/23	4/5/23
35		Review -- Finish preparation for Test 3 –do <b>APC</b> Review set	4/5/23	4/7/23
36		TEST #3		4/7/23
37	5.6	p. 369= 3,7,12,15,28,33,34,35,63,64,68,72,80,81 & <b>APC</b>	4/12/23	4/14/23
38	AP Review	Handout #1 & <b>APC</b>	4/14/23	4/17/23
39	AP Review	Handout #2 & <b>APC</b>	4/17/23	4/19/23
40	AP Review	Handout #3 & <b>APC</b>	4/19/23	4/21/23
41	AP Review	Handout #4 & <b>APC</b>	4/21/23	4/24/23
42	AP Review	Handout #5 & <b>APC</b>	4/24/23	4/26/23
43	AP Review	Handout #6 & <b>APC</b>	4/26/23	4/28/23
44	AP Review	Handout #7 & <b>APC</b>	4/28/23	5/1/23
45	AP Review	Handout #8 & <b>APC</b>	5/1/23	5/3/23
46	AP Review	Handout #9 & <b>APC</b>	5/3/23	5/5/23
		National Advanced Placement Exam	5/8/23 Monday	(a.m. session)
		FINAL EXAM – comprehensive for both semesters		Week of 5/8

