

Text: Brief Calculus, An Applied Approach, Seventh Edition – Custom Edition for Purdue University by Larson & Edwards, Houghton/Mifflin, 2007.

A **one-line, scientific calculator** with logarithm and exponential functions is required. Graphing calculators or programmable calculators may not be used. Calculators which are capable of numerical or symbolic differentiation or integration are considered programmable and are not allowed. All graphs must be sketched by hand on graph paper.

<u>Lessons</u>	<u>Sections</u>	<u>Assignments</u>
1	3.6, 5.2	$p193$ : 42, 43, 44, 49, 50; $p314$ : 69, 70, 77, 78, 79, 80
2	5.3	$p323$ : 21, 22, 23, 24, 25, 26, 55, 57, 71, 73
3	5.3, 3.6	$p325$ : 99, 100, 101, 102, 104; $p195$ : 85, 86, 87
4	2.1, 6.6	$p66$ : 53, 56, 59, 60, 61, 62, 75; $p423$ : 23, 24, 31, 32, 33
5	2.1, 2.3	$p67$ : 81, 84, 86, 87, 92; $p90$ : 61, 62, 80, 82
6	5.4, 5.5	$p334$ : 16, 23, 24, 36, 37, 69, 70, 71; $p346$ : 1, 4, 8
7	5.5	$p347$ : 67, 68, 72, 74, 77, 78, 79, 85, 100, 101, 102, 113
8	5.6, 8.1	$p356$ : 13, 18, 23, 27, 30, 31, 49, 51; $p513$ : 5, 9, 10, 11, 18, 19
9	5.6, 8.5	$p358$ : 96, 97, 98, 100; $p553$ : 15, 16, 47 <i>ab</i> , 51
10	1.3	$p33$ : 35, 36, 38, 39, 40, 42, 43, 46, 51, 54, 80, 83, 86, 88, 90 ( <i>needn't sketch graphs</i> )
11	1.4	$p45$ : 21 – 23, 25, 26, 35 <i>de</i> , 36 <i>de</i> , 37 <i>de</i> , 39 <i>de</i> , 40 <i>de</i>
12		REVIEW FOR EXAM 1
13		EXAM 1 IN CLASS
14	1.5	$p58$ : 1, 3, 4, 12, 19, 22, 41, 42, 43, 46, 53, 54, 57, 58
15	2.1	$p90$ : 5 – 10, 50, 51, 53, 54, 55
16	2.2	$p102$ : 1, 2, 5, 8, 9, 11, 14, 16, 17, 18, 21, 22, 28, 29, 30
17	2.2	$p103$ : 35, 36, 38, 40, 41, 44, 45, 47, 48, 49, 51, 52, 54
18	2.3	$p116$ : 3, 5, 11, 12 <i>a</i> , 13 <i>d</i> , 15 <i>ab</i> , 29, 30, 31, 41 ( <i>needn't sketch graphs</i> )
19	2.4	$p129$ : 23, 24, 29, 30, 1, 2, 7 – 11
20	2.4	$p129$ : 40, 41, 42, 45, 46, 48, 57, 58, 64 ( <i>needn't sketch graphs</i> )
21	2.5	$p138$ : 17 – 20, 24, 26, 27, 29, 30
22	2.5	$p138$ : 35, 37, 45, 48, 50, 52, 65, 66 ( <i>needn't check results</i> )
23	2.6	$p145$ : 1, 4, 6, 7, 11, 12, 13, 14, 33, 34, 39
24	3.1	$p179$ : 1, 2, 6, 7, 15, 16, 20, 26, 28, 29, 30, 40 ( <i>needn't sketch graphs</i> )
25		“CATCH UP” AND/OR STRUCTURED REVIEW FOR EXAM 2
26		OPTIONAL REVIEW FOR EXAM 2 (EVENING EXAM)
OCT 28		LAST DAY TO DROP THE COURSE
27	3.2	$p189$ : 2 – 5, 8, 9, 12, 22, 24, 26, 28 ( <i>needn't check results</i> )
28	3.3	$p198$ : 1, 5 – 7, 23 – 27, 28, 30, 31
29	3.4	$p207$ : 3, 6, 9, 11, 13, 14
30	3.4, 3.5	$p207$ : 15, 16, 18, 20, 22, 23; $p217$ : 2, 9, 15 <i>a</i>
31	3.6	$p228$ : 2, 3, 5, 7, 11, 14, 23, 24, 26, 28
32	3.7	$p238$ : 1, 2, 3, 6, 9, 10 ( <i>needn't find domain</i> )
33	3.7	$p238$ : 33, 34, 35, 39, 40, 41 ( <i>needn't find domain</i> )
34	4.2	$p271$ : 31 – 38
35	4.3	$p279$ : 1, 4, 5 – 8, 17, 18
36	4.3	$p279$ : 11, 12, 14, 19, 20, 21, 41, 43
37		REVIEW FOR EXAM 3
38		EXAM 3 IN CLASS
39	4.4	$p288$ : 34, 36, 37, 42, 43, 45, 54, 55, 57, 60
40	4.5	$p296$ : 1, 4, 5 – 10, 16, 18, 22, 62, 63, 64
41	4.5	$p296$ : 11, 13, 14, 23, 47, 48, 61
42	4.6	$p305$ : 1, 3, 6, 7, 8, 23, 24 <i>ab</i> , 43
43		REVIEW FOR FINAL EXAM
44		REVIEW FOR FINAL EXAM