

Text: **Brief Calculus, An Applied Approach, Seventh Edition – Custom Edition for Purdue University by Larson and 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	<i>p193</i> : 42, 43, 44, 49, 50; <i>p314</i> : 69, 70, 77, 78, 79, 80
2	5.3	<i>p323</i> : 21, 22, 23, 24, 25, 26, 55, 57, 71, 73
3	5.3, 3.6	<i>p325</i> : 99, 100, 101, 102, 104; <i>p195</i> : 85, 86, 87
4	2.1, 6.6	<i>p66</i> : 53, 56, 59, 60, 61, 62, 75; <i>p423</i> : 23, 24, 31, 32, 33
5	2.1, 2.3	<i>p67</i> : 81, 84, 86, 87, 92; <i>p90</i> : 61, 62, 80, 82
6	5.4, 5.5	<i>p334</i> : 16, 23, 24, 36, 37, 69, 70, 71; <i>p346</i> : 1, 4, 8
7	5.5	<i>p347</i> : 67, 68, 72, 74, 77, 78, 79, 85, 100, 101, 102, 113
8	5.6, 8.1	<i>p356</i> : 13, 18, 23, 27, 30, 31, 49, 51; <i>p513</i> : 5, 9, 10, 11, 18, 19
9	5.6, 8.5	<i>p358</i> : 96, 97, 98, 100; <i>p553</i> : 15, 16, 47 <i>ab</i> , 51
10		REVIEW FOR EXAM 1
11		EXAM 1 IN CLASS
12	1.3	<i>p33</i> : 35, 36, 38, 39, 40, 42, 43, 46, 51, 54, 80, 83, 86, 88, 90 (<i>needn't sketch graphs</i>)
13	1.4	<i>p45</i> : 21 – 23, 25, 26, 35 <i>de</i> , 36 <i>de</i> , 37 <i>de</i> , 39 <i>de</i> , 40 <i>de</i>
14	1.5	<i>p58</i> : 1, 3, 4, 12, 19, 22, 41, 42, 43, 46, 53, 54, 57, 58
15	2.1	<i>p90</i> : 5 – 10, 50, 51, 53, 54, 55
16	2.2	<i>p102</i> : 1, 2, 5, 8, 9, 11, 14, 16, 17, 18, 21, 22, 28, 29, 30
17	2.2	<i>p103</i> : 35, 36, 38, 40, 41, 44, 45, 47, 48, 49, 51, 52, 54
18	2.3	<i>p116</i> : 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	<i>p129</i> : 23, 24, 29, 30, 1, 2, 7 – 11
20	2.4	<i>p129</i> : 40, 41, 42, 45, 46, 48, 57, 58, 64 (<i>needn't sketch graphs</i>)
21	2.5	<i>p138</i> : 17 – 20, 24, 26, 27, 29, 30
22	2.5	<i>p138</i> : 35, 37, 45, 48, 50, 52, 65, 66 (<i>needn't check results</i>)
23		“CATCH UP” OR STRUCTURED REVIEW FOR EXAM 2
24		OPTIONAL REVIEW (EXAM 2 - March 7, 8:00 PM, ELLIOTT HALL OF MUSIC ALTERNATE EXAM 2 - March 10, 6:00 PM)
25	2.6	<i>p145</i> : 1, 4, 6, 7, 11, 12, 13, 14, 33, 34, 39
26	3.6	<i>p228</i> : 2, 3, 5, 7, 11, 14, 23, 24, 26, 28
Monday, March 21		LAST DAY TO DROP THE COURSE (WILL RECEIVE A ‘W’)
27	3.1	<i>p179</i> : 1, 2, 6, 7, 15, 16, 20, 26, 28, 29, 30, 40 (<i>needn't sketch graphs</i>)
28	3.2	<i>p189</i> : 2 – 5, 8, 9, 12, 22, 24, 26, 28 (<i>needn't check results</i>)
29	3.3	<i>p198</i> : 1, 5 – 7, 23 – 27, 28, 30, 31
30	3.7	<i>p238</i> : 1, 2, 3, 6, 9, 10 (<i>needn't find domain</i>)
31	3.7	<i>p238</i> : 33, 34, 35, 39, 40, 41 (<i>needn't find domain</i>)
32	3.4	<i>p207</i> : 3, 6, 9, 11, 13, 14
33	3.4, 3.5	<i>p207</i> : 15, 16, 18, 20, 22, 23; <i>p217</i> : 2, 9, 15 <i>a</i>
34	4.2	<i>p271</i> : 31 – 38
35		REVIEW FOR EXAM 3
36		EXAM 3 IN CLASS
37	4.3	<i>p279</i> : 1, 4, 5 – 8, 17, 18
38	4.3	<i>p279</i> : 11, 12, 14, 19, 20, 21, 41, 43
39	4.4	<i>p288</i> : 34, 36, 37, 42, 43, 45, 54, 55, 57, 60
40	4.5	<i>p296</i> : 1, 4, 5 – 10, 16, 18, 22, 62, 63, 64
41	4.5	<i>p296</i> : 11, 13, 14, 23, 47, 48, 61
42	4.6	<i>p305</i> : 1, 3, 6, 7, 8, 23, 24 <i>ab</i> , 43
43		REVIEW FOR FINAL EXAM
44		REVIEW FOR FINAL EXAM