

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		no assignment; course information discussed
2	3.6, 5.2	<i>p193</i> : 42, 43, 44, 49, 50; <i>p314</i> : 69, 70, 77, 78, 79, 80
3	5.3	<i>p323</i> : 21, 22, 23, 24, 25, 26, 55, 57, 71, 73
4	5.3, 3.6	<i>p325</i> : 99, 100, 101, 102, 104; <i>p195</i> : 85, 86, 87
5	2.1, 6.6	<i>p66</i> : 53, 56, 59, 60, 61, 62, 75; <i>p423</i> : 23, 24, 31, 32, 33
6	2.1, 2.3	<i>p67</i> : 81, 84, 86, 87, 92; <i>p90</i> : 61, 62, 80, 82
7	5.6, 8.1	<i>p356</i> : 13, 18, 23, 27, 30, 31, 49, 51; <i>p513</i> : 5, 9, 10, 11, 18, 19
8	5.6, 8.5	<i>p358</i> : 96, 97, 98, 100; <i>p553</i> : 15, 16, 47 <i>ab</i> , 51
9	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>)
10	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>
11		REVIEW FOR EXAM 1
12		EXAM 1 IN CLASS - September 19
13	1.5	<i>p58</i> : 1, 3, 4, 12, 19, 22, 41, 42, 43, 46, 53, 54, 57, 58
14	2.1	<i>p90</i> : 5 – 10, 50, 51, 53, 54, 55
15	2.2	<i>p102</i> : 1, 2, 5, 8, 9, 11, 14, 16, 17, 18, 21, 22, 28, 29, 30
16	2.2	<i>p103</i> : 35, 36, 38, 40, 41, 44, 45, 47, 48, 49, 51, 52, 54
17	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>)
18	2.4	<i>p129</i> : 23, 24, 29, 30, 1, 2, 7 – 11
19	2.4	<i>p129</i> : 40, 41, 42, 45, 46, 48, 57, 58, 64 (<i>needn't sketch graphs</i>)
20	2.5	<i>p138</i> : 17 – 20, 24, 26, 27, 29, 30
21	2.5	<i>p138</i> : 35, 37, 45, 48, 50, 52, 65, 66 (<i>needn't check results</i>)
22		CATCH UP OR STRUCTURED REVIEW FOR EXAM 2
23		CLASSROOM HELP SESSION - attendance not required EXAM 2 - October 17, 8:00-9:15 p.m., Elliot Hall of Music ALTERNATE EXAM 2 - October 20, 6:30-7:45 p.m.
24	2.6	<i>p145</i> : 1, 4, 6, 7, 11, 12, 13, 14, 33, 34, 39
25	3.6	<i>p228</i> : 2, 3, 5, 7, 11, 14, 23, 24, 26, 28
October 26		LAST DAY TO DROP THE COURSE (WILL RECEIVE A 'W')
26	3.1	<i>p179</i> : 1, 2, 6, 7, 15, 16, 20, 26, 28, 29, 30, 40 (<i>needn't sketch graphs</i>)
27	3.2	<i>p189</i> : 2 – 5, 8, 9, 12, 22, 24, 26, 28 (<i>needn't check results</i>)
28	3.3	<i>p198</i> : 1, 5 – 7, 23 – 27, 28, 30, 31
29	3.7	<i>p238</i> : 1, 2, 3, 6, 9, 10 (<i>needn't find domain</i>)
30	3.7	<i>p238</i> : 33, 34, 35, 39, 40, 41 (<i>needn't find domain</i>)
31	3.4	<i>p207</i> : 3, 6, 7, 9, 11, 13, 14
32	3.4	<i>p207</i> : 15, 16, 18, 19, 20
33	3.4, 3.5	<i>p207</i> : 22, 23; <i>p217</i> : 2, 4, 9, 10, 15 <i>a</i>
34		REVIEW FOR EXAM 3
35		EXAM 3 IN CLASS - November 14
36	4.2	<i>p271</i> : 31 – 38
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