

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 – February 6th
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>p128</i> : 35, 37, 45, 48, 50, 52, 65, 66 (<i>needn't sketch graphs</i>)
22	2.6	<i>p145</i> : 1, 4, 6, 7, 11, 12, 13, 14, 33, 34, 39
23		CATCH UP OR STRUCTURED REVIEW FOR EXAM 2
24		CLASSROOM HELP SESSION – attendance not required (EXAM 2: Tuesday, March 6th, 8:00 PM, Location TBA, Alternate Exam 2, March 8th, 6:30 PM, Location TBA)
25	3.6	<i>p228</i> : 2, 3, 5, 7, 11, 14, 23, 24, 26, 28
26	3.1	<i>p179</i> : 1, 2, 6, 7, 15, 16, 20, 26, 38, 39, 30, 40 (<i>needn't sketch graphs</i>)
March 19		LAST DAY TO DROP THE COURSE (WILL RECEIVE A 'W')
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, 2 – 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 – April 6th
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