MA152   Assignment Sheet   Summer 2005

  Text: <u>College Algebra</u> by Gustafson and Frisk, 8th edition, Brooks/Cole (2004).

A calculator which has square roots, exponential and logarithmic functions is required. Calculators may be
used for all problems below <u>except</u> those where you are asked to find an exact value or where calculators
are explicitly forbidden. All homework should be written clearly with sufficient work shown to justify
your answer.

<u>Lessons</u>	<u>Sections</u>	<u>Assignments (front and back)</u>
1	0.1	p13: 4,6,8,10,12,14,16,18,20 21,22,23,24,25,26,28,30,32,34,47,50, 66,67,68,70,71,72,77,78,82,83,85,88,90,91,93
2	0.2	p24: 1,2,3,7,8,10,12,14,16,20,21,23,26,28,30,35,40,48,57,68,76,82,88,94 95,98,101,103,104,108,112,115,118,119,122
3	0.3	p36: 5,10,12,14,16,23, 24, 30, 33,39,50,52,59,64,68,71,73,80,81,83,84,86,95,100,111,114
4	0.4	p47: 1,2,3,6,14,15,21,28,32,43,46,47, 50, 54,56,64,79,80, 81,84,88
5	0.5	p56: 1,2,4,6,11,14,15,18,27,30,31,33,38,40,44,46,49,51,54,56,59,60,61,64,66,67,71,126,128
6	0.6	p66: 1,2,3,4,5,6,7,17,22,25,31,34,39,52,53,57,62,64,82,85,97,98,109,110
7	1.1	p86: 2,4,5,7,8,17,18,19,20,21,26,28,29,32,38,43,47,50,57,60,72,96,98,100
8	1.2	p94: 2,6,9,11,12,13,15,16,18,20,21,22,24,25,28,29,30,32,34,35,36,38, 43,45,46,49,50,57,58
9	1.3	p106: 1,3,8,9,10,16,23,24,26,28,31,36,40,42,48,52,55,58,60,74,76,78, 80,85,90,95,96,98,100,110
	1.4	p112: 3,6,11,12,16,19,20,28,30,36,38,42
10	1.5	p123: 1,2,3,4,5,9,12,14,16,18,20,22,23,25,33,38,40,45,48,50,52,74,75,76,86
11	1.6	p130: 4,6,7,11,18,20,25,26,28,30,32,61,63
12	1.7	p140: 14,16,21,24,28,30,31,32,81,86,87
	1.8	p148: 45,46,50,56,79,80
13	2.1	p173: 2,4,5,6,8,10,18,24,32,33,38,41,42,46,51,63,70,76,80,81,92,93,97,98
14	2.2	p185: 1,2,6,7,8,10,12,13,16,20,23,32,34,35,36,38,40,42,48,60,64,66,71,73,76,81
	2.3	p197: 8,10,18,20,30,31,42,45,52,60,68,82,84,93,95,98,109,110,116
15	2.4	p213: 1,2,3,4,5,6,15, 23, 25, 31,32,43,44,49,50,51,53,54,55,91,92,100,104
16	2.5	p223: 1,2,6,7,9,10,15,16,18,19,21,22,24,25,26,31,32,34,37,38,47,48
17	3.1	p245: 1,3,4,5,6,7,8,9,16,18,20,25,28,29,35,40,46,55,56,57,58,61,62,83,84,86,98
	3.3	p265: 1,4,5,7,11,15,35,38,39,40,47,48,54,59,60
18	3.6	p303: 19,20,21,22,23,24,25,26,36,37,39,40,48,51,55,56,58,64, 65, 68, 75
19	3.7	p311: 1,2,3,4,6,8,10,12,14,16,27,30,31,33,51,56,63,66
20	4.1	p333: 23,25,33,34,35,36,74,75,78
	4.2	p340: 4,8,11,15,16,18,19,21,30,31,35
21	4.3	p350: 1,2,3,4,5,6,7,8,17,22,26,30,33,38,40,44,45,54,62,64,69,72,73,74,82,85,87
	4.4	p356: 4,8,13,14,15,17,18, 22,24,26,27,35,36,38

22   4.5   p365: 1,2,4,6,11,12,13,15,27,31,34,40,41,44,66,68,70,72,86,88
23   4.6   p373: 1,2,5,10,12,30,40,41,45,49,50,51,66 (formula on p 330)
24   6.1   p432: 4,7,11,12,16,22,24,31,34,38,39,40, 64,65,66,68,70,71,72,88,89,90,91
25   2.4   p214: 7,8,9,10,66,67,73,76,77,80
        7.1   p523: 11,14,15,18,19,20,51,52
26   3.2   p254: 3,25,26,29,30,33
        7.1   p523: 30,31,35,37,40,43, 55   standard equation of vertical parabola: $y - k = a(x - h)^2$
27   9.1   p635: 15,18,20,22,24,25,26,28,30,31,32,34,36,40,42,48
28   9.2   p640: 1,2,3,7,8,11,14,16,18,19,20,22,24,25,26,28,29,30,31,32,35,36,37,38
29   9.3   p646:   1,2,5,6,7,9,10,12,15,16,24,25,26
                        Review for final exam

There is a two-hour final during finals week.

The website for this course is available at the following address:

   http://www.math.purdue.edu/MA152