

Text: College Algebra by Gustafson and Frisk, Purdue Custom (9th) edition, Brooks/Cole (2007).

A calculator which has square roots, exponential and logarithmic functions is required. Calculators may be used for all problems below except 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	p11: 4,6,10,12,14,16,18,20,21,23,24,27,28,30,32,34, 45,50,66,67,70,72,78,82,85,88,90,91,93
2	0.2	p24: 1,3,7,8,10,12,14,16,20,21,23,26,30,40,48,57,68,76,82,87,88, 95,97,100,105,108,112,115,118,120
3	0.3	p36: 5, 13, 14, 16,21,23, 24, 30, 33, 39,50,52,53,59,68,71,81,83,84,86,95,100
4	0.4	p46: 1,2,3,14,15,21,28,32,43,46,47, 50,54,56,64,79, 81,84,88
5	0.5	p57: 1,2,4,6,11,14,18,27,30,31,33,40,44, 46,49, 51, 54, 56,59,61,64,66,67,71,128,129
6	0.6	p66: 1,2,3,4,6,7,17,22,25,31,35,38,53,57,62,63,82,84,85,109,110
7	1.1	p87: 2,4,5,8, 17, 18,19,20, 21, 26,28,29,32,38,43,50,57,60,72,96,98
	1.2	p95: 2,6,9,11,12,13
8	1.2	p96: 16,18,19,20,21,22,25,28,29,34,39,40,51,53,54,57,58,65,66

EXAM 1 Friday, June 22nd IN CLASS

9	1.3	p108: 1,3,8,9,10,16,23,24,26,28,31,40,42,48,52,55,58,60,74,76,78,80,85,90,95,98,112
	1.4	p114: 3,6,9
10	1.4	p115: 13,14,18,23,24,32,34,42,48
	1.5	p126: 1,2,4,5,14, 16, 18,20,22,23,25,33,38,40,45,48,50,74,76,86
11	1.6	p133: 4,5,7,11,15,20,25,26,28,30,32,61,63
12	1.7	p144: 13,15,21,24,28,30,31,86,87
	1.8	p153: 45,47,50,56,79,80
13	2.1	p176: 2,5,8,10,18,25,32,33,35,38,41,46,51,63,69,76,80,81,92,97,98
14	2.2	p189: 1,2,6,7,8,10,14,15,17,18,25,27,34,36,37,38,40,42,44,50,62,66,73,75,83
	2.3	p202: 7,10,18,20,30,31,42,45,52,59,68,82,84,95,110,118
15	2.4	p220: 1,2,4,5,6,11,15, 23,25,29,31,32,43,47,49,51,53,54,91,92,100
16	2.5	p229: 1,2,6,7,9,15,16,18,19,21,22,24,25,26,35,36,38,41,53,54

EXAM 2 Monday, July 9th IN CLASS

17	3.1	p251: 1,3,4,5,9,16,18,20,25,28,29,35,40,46,55,56,57,61,83,84,86,100
	3.3	p272: 1,4,5,7,11,12,15,37,40,43,44,58,63,64
18	3.6	p312: 19,20,21,23,24,25,36,37,38,39,40,51,52,55,56,64,65,68,75
19	3.7	p320: 1,2,3,4,6,8,10,14,16,27,30,31,33,51,53,56,63,66

20	4.1	p342: 23,25,33,34,35,36,75,76,80
	4.2	p349: 11,15,16,18,19,32,33
21	4.3	p360: 1,2,3,7,17,22,26,30,33,38,40,44,45,54,64,69,72,73,82,85
	4.4	p366: 8,15,16,17,19,20,24,26,37,38,40
22	4.5	p375: 1,2,6,11,12,13,15,27,31,34,40,41,66,68,72,86,88
23	4.6	p384: 1,2,5,10,12,34,44,45,49,53,54,55,70(formula on p339)
24	6.1	p444: 4,7,11,12,14,16,22,24,29,33,36,40,41,68,69,70,74,75,76,92,93,94

EXAM 3 Monday, July 23rd IN CLASS

25	2.4	p220: 7,8,9,10,66,67,73,76,77
append II.1		pA-11: 5,11,14,25,31,34,47,48
26	3.2	p260: 3,16,25,26,31,32,37
append II.2		pA-19: 10,13,14,23,27,30,40 standard equation of vertical parabola: $y - k = a(x - h)^2$
27	9.1	p654: 21,24,26,28,30,31,34,36,37,38,44,48,50,56
28	9.2	p660: 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	p667: 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>