

Text: College Algebra, Custom Edition for Purdue University, Thomson.

A scientific one-line calculator which has square roots, exponential and logarithmic functions is required. You calculator may be used for all homework problems below except those where you are asked to find an exact value or where calculators are explicitly forbidden. (However, calculators will not be allowed on quizzes or exams until after exam 2.) All homework should be **written clearly with sufficient work shown to justify your answer**.

The homework problems in **bold print** are done online using Cengage (iLrn/ThomsonNOW).

<u>Lessons</u>	<u>Sections</u>	<u>Assignments (2 pages)</u>
1	0.1	p11: 4,6,10,12,14,16,18,20, 21,23,24,27,28,30,32,34
2	0.1	p12: 45,50,66,67,70,72,78,82,85,88,90,91,93
3	0.2	p24: 1,3,7,8,10,12,14,16,20,21,23,26,30,40,48,57,68,76,82,87,88
4	0.2	p25: 95, 97,100,105 ,108,112, 115,118,120
	0.3	p36: 5, 13, 14, 16,21,23, 24, 30, 33
5	0.3	p36: 39,50,52,53,59,68,71,81,83,84,86,95,100
6	0.4	p46: 1,2,3,14,15,21,28,32,43,46,47, 50, 54,56,64,79
7	0.4	p48: 81, 84,88
	0.5	p57: 1,2,4,6,11,14,18,27,30,31,33,40,44
8	0.5	p57: 46, 49, 51, 54, 56,59,61,64,66,67,71,128,129
9	0.6	p66: 1,2,3,4,6,7,17,22,25, 31,35,38 ,53,57,62, 63 ,82,84,85,109,110
10	1.1	p87: 2,4,5,8, 17, 18 ,19,20, 21 , 26,28,29,32,38, 43 ,50,57,60,72,96,98
11	1.2	p95: 2,6,9,11, 12 ,13,16, 18 ,19,20, 21,22,25
12	1.2	p96: 28, 29 ,34,39,40, 51,53,54 ,57, 58 ,65,66
13	1.3	p108: 1,3,8,9, 10,16 ,23, 24,26 ,28,31,40,42, 48
14	1.3	p109: 52, 55,58,60 ,74,76,78,80, 85 ,90,95,98,112
	1.4	p114: 3, 6
15	1.4	p115: 9 ,13,14,18,23, 24,32,34,42 ,48
16	1.5	p126: 1,2,4,5,14, 16, 18,20,22,23,25,33 ,38,40,45,48,50,74,76,86
17	1.6	p133: 4, 5 ,7,11, 15 ,20, 25,26,28,30 ,32,61,63
18	1.7	p144: 13, 15 , 21, 24 ,28,30,31,86,87
	1.8	p153: 45, 47, 50 ,56,79,80
19	2.1	p176: 2,5,8,10,18, 25 ,32,33, 35 ,38,41,46,51,63, 69 ,76,80,81,92, 97,98
20	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
21	2.3	p202: 18, 20,30 ,31, 42 ,45,52, 59 ,68,82, 84 ,95,110,118
22	2.4	p220: 1, 2, 4, 5, 6, 11 , 15, 23,25, 29 ,31,32,43, 47 ,49, 51 ,53, 54 ,91,92,100
23	2.5	p229: 1,2,6,7,9,15,16, 18,19,21,22,24,25,26 ,35,36,38,41,53,54
24	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
25	3.3	p272: 1,4,5,7,11, 12,15,37,39 ,40, 43 ,44,51, 52 ,58,63,64
26	3.6	p312: 19 ,20,21,23,24,25,36,37, 38,39 ,40, 51,52 ,55,56,64,65,68,75

27	3.7	p320: 1,2,3,4,6,8,10,14,16,27,30,31,33,51,53,56(2 parts),63,66
28	4.1	p342: 23, 25, 33, 34, 35, 36, 75, 76, 80
	4.2	p349: 8, 11,15,16,18,19,32,33
29	4.3	p360: 1, 2, 3, 7, 17, 22, 26, 30, 33, 38, 40, 44, 45, 54, 64, 69, 72, 73, 82, 85
30	4.4	p366: 8,15,16,17,19,20,24,26,37,38,40
31	4.5	p375: 1,2,6,11,12,13,15,27,31,34,40,41,66,68,72,86,88
32	4.6	p384: 1,2,5,10,12,34,44,45,49,53,54,55,70(formula on p339)
33	6.1	p444: 4,7,11,12,16,22,24,29,33,36,40,41,43
34	6.1	p444: 14,25,27,(review)68,69,70,74,75,76,92,93,94
35	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
36	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: $y - k = a(x - h)^2$
37	9.1	p654: 21,24,26,28,30,31,34,36,37,38,44,48,50,56
38	9.2	p660: 1,2,3,7,8,11,14,16,18,19,20,22,35,36
39	9.2	p661: 24,25,26,28,29,30,31,32,37,38
40	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/MA15200>

The website for the online homework is <http://www.ilrn.com>