

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

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: 4,6,7,10,12,14,16,18,20,21,23,24,27,28,30,32,34,38, 45,47,50,51,66,67,70,72,78,82,85,88,90,91,93
2	0.2	p24: 1,3,7,8,10,12,14,16,20,21,23,26,30,40,48,52,57,68,76,82,87,88,91, 95,97,100,105,108,112,113,115,118,120,135
3	0.3	p36: 5, 13, 14, 16,21,23, 24,30,33,37,39,45,50,52,53,59,61,68,71,75,77, 81,83,84,86,95,100,109,126,129
4	0.4	p46: 1,2,3,11,14,15,21,23,28,32,37,43,46,47,50,54,56,64,65,79,81,84,88, 119,129,132
5	0.5	p57: 1,2,4,6,11,14,15,17,18,19,20,22,24,27,30,31,33,40,44,46,49,51,54,56,57,59,61, 64,66,67,71,106,128,129,133
6	0.6	p66: 1,2,3,4,6,7,17,22,23,25,31,33,35,38,40,49,51,53,55,57,62,63,75,79, 82,84,85,109,110
7	1.1	p87: 2,4,5,8, 17,18,19,20,21,26,28,29,32,35,38,43,47,50,55,57,60,69,72, 75,77,83,96,98
	1.2	p95: 2,6,9,11,12,13
8	1.2	p96: 16,18,19,20,21,22,25,26,28,29,33,34,39,40,47,51,53,54,56,57,58,65,66,69 Review for Exam 1
<b>EXAM 1 Friday, June 20 IN CLASS (MATH 175)</b>		
9	1.3	p108: 1,3,8,9,10,13,16,23,24,26,28,29,31,39,40,42,48,52,55,57,58,60,61,74,76,78,80, 85,90,93,95,98,112,116
	1.4	p114: 3,6
10	1.4	p115: 9,13,14,15,18,22,23,24,25,29,32,34,42,48,51
	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: 4,5,7,11,15,20,25,26,28,30,32,33,39,61,63,73
	1.8	p152: 23,25,29,31
12	1.7	p144: 13,15,21,24,28,30,31,33,37,81,86,87,90,98,100
	1.8	p153: 45,47,50,52,56,79,80
13	2.1	p176: 2,5,8,10,18,25,32,33,35,38,41,46,51,53,63,69,73,76,80,81,84,92,97,98,114
14	2.2	p189: 1,2,6,7,8,10,14,15,17,18,25,27,34,36,37,38,40,42,44,50,62,66,73,75,83,89
	2.3	p202: 7,10,18,20,30,31,39,42,45,52,59,68,75,81,82,84,88,95,118,122
15	2.4	p220: 1,2,4,5,6,11,15,19,21,23,25,29,31,32,36, 41,43,47,49,51,53,54,55, 91,92,100,102

16 2.5 p229: 1,2,6,7,9,11,13,15,16,18,19,21,22,24,25,26,32,35,36,38,41,53,54  
Review for Exam 2

**EXAM 2 Monday, July 7 IN CLASS (MATH 175)**

17 3.1 p251: 1,3,4,5,9,13,16,18,20,25,28,29,33,35,40,46,55,56,57, 83,84,86,89,99,100

3.3 p272: 1,4,5,7,11,12,15,21,23,27,37,40,43,44,58,63,64

18 3.6 p312: 3,7,12,13,19,20,21,23,24,25,36,37,38,39,40,49,51,52,55,56,64,65,68,  
69,70,75,89

19 3.7 p320: 1,2,3,4,6,8,10,14,16,17,18,22,27,30,31,33,39,51,53,56,63,66

20 4.1 p342: 1,2,3,4,5,6,7,8,9,15,23,25,33,34,35,36,40,75,76,80,82,88,89

4.2 p349: 4,11,15,16,18,19,21,32,33,49,51

21 4.3 p360: 1,2,3,7,12,13,17,19,22,26,27,30,33,38,40,41,44,45,47,49,54,64,65,69,  
72,73,82,85,87,122

4.4 p366: 8,11,15,16,17,19,20,24,26,37,38,40

22 4.5 p375: 1,2,6,7,8,9,11,12,13,15,17,27,29,31,34,39,40,41,45,47, 50,57,66,68,72,  
86,88,111,112

23 4.6 p384: 1,2,5,10,12,33,34,44,45,49,53,54,55,57,70(formula on p339),87,89

24 6.1 p444: 4,6,7,11,12,14,16,22,24,25,27,29,33,36,40,41,68,69,70,74,75,76,92,93,94,95  
Review for Exam 3

**EXAM 3 Monday, July 21 IN CLASS (MATH 175)**

25 2.4 p220: 7,8,9,10,63,66,67,69,73,76,77

append II.1 pA-11: 5,11,14,25,29, 34,47,48,53

26 3.2 p260: 3,9,16,19,23,25,26,29,31,32,37,41,42,43

append II.2 pA-19: 1,2,3,10,13,14,17,23,27,30,39,40

standard equation of vertical parabola:  $y - k = a(x - h)^2$

27 9.1 p654: 21,24,26,28,30,31,34,36,37,38,44,45,48,50,52,56,63,64

28 9.2 p660: 1,2,3,7,8,11,14,16,18,19,20,22, 24,25,26,27,28,29,30,31,32,35,36,37,38

29 9.3 p667: 1,2,6,7,9,10,12,14,15,16,24,25,26

Review for final exam

There is a two-hour final during finals days.

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

<http://www.math.purdue.edu/MA15200>