

Text: Algebra and Trigonometry with Analytic Geometry by Swokowski / Cole, Classic Tenth Edition, Brooks / Cole (2003).

Calculators are required, and only scientific, non-programmable, non-graphing ones are allowed for quizzes and exams. 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.

The bolded problems (after exam 1) will be done online using the computerized homework system iLrn (I-learn). The non-bolded problems should be done hand-written on paper. You are responsible for completing all problems.

<u>Lessons</u>	<u>Sections</u>	<u>Assignments (front and back)</u>
1	1.1-2	p13: 2, 5, 8, 9, 12; p25: 3, 4, 6, 12, 13, 15, 20, 23, 24
2	1.2	p25: 7, 8, 25, 27, 31, 32, 36, 37, 41, 51, 54, 58, 61, 62, 64, 65, 67, 68, 78, 86, 87, 95
3	1.3	p38: 3, 6, 12, 15, 18, 22, 23, 29, 33, 38, 40, 46
4	1.3	p39: 54, 55, 57, 59, 62, 68, 70, 71, 72, 76, 77, 79, 81, 92, 97, 100
5	1.4	p47: 4, 5, 10, 13, 17, 20, 22, 26
6	1.4	p48: 33, 34, 37, 41, 43, 46, 49, 50, 55
7	2.1	p60: 6, 12, 22, 30, 31, 37, 40, 44, 51, 55, 63, 66, 67, 70
8	2.2	p71: 1, 4, 6, 7, 8, 9, 10, 12, 14, 15, 17, 18, 19
January 31		Optional attendance in-class review session
February 1		Exam 1 – 8:30 p.m.—Hall of Music
9	2.2	p72: 23, 24, 25, 27, 29, 30, 31
10	2.3	p84: 2, 5, 11 , 14, 16, 20, 21, 26 , 27, 28
11	2.3	p84: 35, 36, 39, 48 , 50, 53, 54
12	2.3	p85: 55, 56, 59, 60, 61 , 62, 66, 67, 69
13	2.4	p94: 4, 5, 11, 15, 18, 19 , 22, 29, 37 , 39, 42, 45, 51, 53
14	2.5	p100: 3, 4, 13, 19 , 24, 25, 35, 38, 41, 52 , 56, 62, 64
15	2.6	p110: 2, 3, 4 , 7, 8, 14, 17, 22 , 29, 41 , 47, 49, 51, 54, 55 , 57, 63 , 69, 75, 77 , 78, 83
16	3.1	p130: 2, 6 , 7, 10 , 14, 15, 19 , 22, 25, 29
17	3.2	p141: 4, 7, 12, 17, 25, 32, 34, 36 , 39, 43 , 46, 50 , 51, 57, 66
18	3.3	p153: 2, 14, 15, 17, 20, 22, 25 , 27, 30, 31, 34
19	3.3	p154: 36 , 37, 41, 43, 47 , 55, 56, 60 , 64
20	3.4	p169: 1, 4 , 6, 9 , 10, 11, 12, 13 , 15, 16, 17 , 21, 23, 24, 25

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21	3.4	p169: 34 , 35, 39, 41 , 46 , 57, 59 , 60, 63, 65 , 68
22	3.5	p181: 2, 4, 8, 11, 12, 14, 21, 25 , 27 , 29, 30, 31, 33, 36, 37
March 7		Optional attendance in-class review session
		Exam 2 – 6:30 p.m. – Hall of Music
23	3.5	p182: 40 <i>abcdefghij</i> , 41 , 44, 61 abcdef , 62 <i>abcdef</i>
24	3.5	p182: 45, 48, 50, 63 , 64, 65, 66
25	3.6	p192: 7 , 10, 14 , 16, 21, 24 , 26, 27, 30 , 31
26	3.6	p194: 39 , 43, 44 , 45 , 46, 49
27	3.7	p202: 1, 2, 10 , 13, 15, 18, 35 , 37 , 39, 45, 47 , 49
28	3.8	p213: 6, 9, 19 , 22 , 23 , 24, 25 , 26, 29, 39 , 40
29	3.9	p219: 3 , 8, 12 , 14 , 15, 16 , 17 , 24 ; p226: 92
30	2.7	p118: 2 , 3, 7 , 10, 13 , 17, 25 , 27, 31, 44, 45
April 4		Optional attendance in-class review session
April 5		Exam 3 – 6:30 p.m. – Hall of Music
31	4.1	p237: 2, 3, 11, 15 , 18 , 19, 20 , 27, 33 , 39
32	9.1	p570: 2 , 4, 7, 13, 18, 20 , 23 , 31 , 35
33	9.2	p579: 2, 5 , 10, 14, 15, 16, 17, 21
34	9.2	p580: 24 , 29 , 31, 32 , 34
35	5.1-2	p293: 2 , 7, 11, 13, 17, 25 , 37 , 38 , 42; p302: 1, 2, 5 , 8, 13, 15
36	5.3	p315: 1, 2 , 3, 4 , 13, 16, 18, 20, 23 , 25, 26
37	5.3	p316: 33 <i>abcdefghij</i> , 41, 43, 44, 47, 53, 59, 60 , 62
38	5.4	p326: 1, 4 , 6, 7, 10, 11, 13 , 14, 15
39	5.4	p326: 18, 22, 25, 27, 31, 43, 46, 53
40	5.5	p336: 2, 5, 9, 12, 18, 25, 43, 49, 50, 54

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

<http://www.math.purdue.edu/MA153>

Among the useful information that you will find are the even answers to homework problems, (odd answers are in the back of the textbook), exam times/locations, review problems, old exams/answers, exam answers and letter grade curves (when available), etc.