

Text: Algebra and Trigonometry with Analytic Geometry by Swokowski / Cole, Classic Twelfth Edition, Brooks / Cole (2010).

Calculators are required, and only a one or two line, scientific calculator is allowed for quizzes and exams. Recommended is the TI-30Xa or TI-36. 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 will be done online using the computerized homework system Cengage Now. 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, 62, 64, 65, 67, 68, 78, 86, 87, 95
3	1.3	p39: 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, 94, 99, 102
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, 59, 61, 70, 74
8	2.2	p70: 1, 4, 8, 9, 10, 11, 12, 14, 16, 17, 19, 20, 21
9	2.2	p71: 25, 26, 27, 29, 31, 32, 33
September 16		Optional attendance in-class review session and Exam 1 – 8:00 pm – Hall of Music
10	2.3	p84: 2, 5, 11, 14, 16, 20, 21, 26, 27, 28
11	2.3	p84: 35, 36, 39, 52, 57, 58
12	2.3	p85: 59, 60, 63, 64, 65, 66, 70, 71, 73
13	2.4	p93: 4, 5, 11, 15a, 18a, 19, 22, 29, 37, 39, 42, 45, 53, 55
14	2.5	p100: 3, 4, 13, 19, 24, 25, 35, 38, 52, 58, 66
15	2.6	p109: 2, 3, 4, 7, 8, 14, 17, 22, 29, 47, 49, 51, 54, 55, 57, 63, 75, 77, 78, 83
16	3.1	p128: 2, 6, 7, 10, 14, 15, 19, 22, 25, 29
17	3.2	p138: 4, 7, 12, 17, 25, 32, 34, 36, 39, 43, 46, 50, 51, 57, 61, 63, 70
18	3.3	p151: 2, 14, 15, 19, 22, 24, 27, 29, 32, 33, 36

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19	3.3	p152: 38, 39, 43, 45, 49, 57, 58, 62, 66
October 14		Optional attendance in-class review session
October 15		Exam 2 – 6:30 pm – Hall of Music
20	3.4	p167: 1, 4, 6, 9, 10, 11, 12, 13, 19, 20, 21, 25, 27, 28, 29
21	3.4	p168: 40, 41, 45, 47, 49, 54, 65, 67, 68, 71, 73, 76
22	3.5	p181: 4, 6, 10, 13, 14, 16, 23, 27, 29, 31, 32, 33, 35, 38, 39
23	3.5	p182: 42 <i>abcdefghij</i> , 43, 46, 63 <i>abcdef</i> , 64 <i>abcdef</i>
24	3.5	p182: 47, 50, 52, 65, 66, 67, 68
25	3.6	p192: 7, 10, 14, 16, 21, 24, 26, 29, 32, 33
26	3.6	p194: 41, 45, 46, 47, 51
27	3.7	p203: 1, 2, 10, 13, 15, 18, 35, 37, 45, 47, 49
28	2.7	p117: 2, 3, 7, 10, 13, 17, 25, 27, 31, 44, 45
29	4.1	p219: 2, 13, 17, 20, 21, 22, 29, 35, 41
30	4.6	p270: 3, 8, 12, 14, 15, 16, 17, 24; p274: 49
31	9.1	p570: 2, 4, 7, 13, 18, 20, 25, 41, 42
32	9.2	p579: 2, 5, 10, 16, 17, 18, 19, 23
33	9.2	p580: 26, 31, 33, 34, 36
November 18		Optional attendance in-class review session and
		Exam 3 – 8:00 pm – Hall of Music
34	5.1	p285: 3, 8, 11, 25, 28, 29, 30, 31, 32, 35, 45, 46
35	5.2-3	p296: 2, 7, 11, 17, 29, 41, 42, 46; p306: 1, 2, 5, 8, 13, 15
36	5.4	p318: 1, 2, 3, 4, 15, 18, 20, 22, 25, 27, 28
37	5.4	p319: 35 <i>abcdefghi</i> , 45, 47, 48, 51, 57, 63, 64, 66
38	5.5	p328: 1, 4, 6, 7, 10, 11, 13, 14, 15
39	5.5	p328: 18, 22, 25, 27, 31, 43, 46, 53
40	5.6	p339: 2, 5, 9, 12, 18, 25, 45, 51, 52, 56

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

<http://www.math.purdue.edu/MA15300>

Among the useful information that you will find are Cengage Now links, exam times/locations, review problems, old exams/answers, exam answers and letter grade curves (when available), etc.