

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.

<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, 54, 55, 57, 59, 62, 68, 70, 71, 72, 76, 77, 79, 81, 94, 99, 102
4	1.4	p47: 4, 5, 10, 13, 17, 20, 22, 26, 33, 34, 37, 41, 43, 46, 49, 50, 55
5	2.1	p60: 6, 12, 22, 30, 31, 37, 40, 44, 51, 59, 61, 70, 74
6	2.2	p70: 1, 4, 8, 9, 10, 11, 12, 14, 16, 17, 19, 20, 21
7	2.2-3	p71: 25, 26, 27, 29, 31, 32, 33; p84: 2, 5, 11, 14, 16, 20, 21, 26, 27, 28
June 23		In –class review for Exam 1
June 24		Exam 1 (during class)
8	2.3	p84: 35, 36, 39, 52, 54, 57, 58, 59, 60, 63, 64, 65, 66, 70, 71, 73
9	2.4	p93: 4, 5, 11, 15, 18, 19, 22, 29, 37, 39, 42, 45, 51, 53
10	2.5	p100: 3, 4, 13, 19, 24, 25, 35, 38, 52, 58, 66
11	2.6	p109: 2, 3, 4, 7, 8, 14, 17, 22, 29, 47, 49, 51, 54, 55, 57, 63, 75, 77, 78, 83
12	3.1	p128: 2, 6, 7, 10, 14, 15, 19, 22, 25, 29
13	3.2	p138: 4, 7, 12, 17, 25, 32, 34, 36, 39, 43, 46, 50, 51, 57, 61, 63, 70
14	3.3	p151: 2, 14, 15, 19, 22, 24, 27, 29, 32, 33, 36, 38, 39, 43, 45, 49, 57, 58, 62, 66
15	3.4	p167: 1, 4, 6, 9, 10, 11, 12, 13, 19, 20, 21, 25, 27, 28, 29
16	3.4	p168: 40, 41, 45, 47, 49, 54, 65, 67, 68, 71, 73, 76
July 9		In-class review for Exam 2
July 12		Exam 2 (during class)

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17	3.5	p181: 4, 6, 10, 13, 14, 16, 23, 27, 29, 31, 32, 33, 35, 38, 39, 42 <i>abcdefghij</i> ,
18	3.5	p182: 43, 46, 63 <i>abcdef</i> , 64 <i>abcdef</i> , 47, 50, 52, 65, 66, 67, 68
19	3.6	p192: 7, 10, 14, 16, 21, 24, 26, 29, 32, 33, 41, 45, 46, 47, 51
20	3.7, 4.6	p203: 1, 2, 10, 13, 15, 18, 35, 37, 45, 47, 49; p270: 3, 8, 12, 14, 15, 16, 17, 24; p274: 49
21	2.7	p117: 2, 3, 7, 10, 13, 17, 25, 27, 31, 44, 45
22	4.1	p219: 2, 13, 17, 20, 21, 22, 29, 35, 41
23	9.1	p570: 2, 4, 7, 13, 18, 20, 25, 41, 42
24	9.2	p579: 2, 5, 10, 16, 17, 18, 19, 23, 26, 31, 33, 34, 36
July 23		In-class review for Exam 3
July 26		Exam 3 (during class)
25	5.1	p285: 3, 8, 11, 25, 28, 29, 30, 31, 32, 35, 45, 46
26	5.2-3	p296: 2, 7, 11, 17, 29, 41, 42, 46; p306: 1, 2, 5, 8, 13, 15
27	5.4	p318: 1, 2, 3, 4, 15, 18, 20, 22, 25, 27, 28, 35 <i>abcdefghi</i> , 45, 47, 48, 51, 57, 63, 64, 66
28	5.5	p328: 11, 4, 6, 7, 10, 11, 13, 14, 15, 18, 22, 25, 27, 31, 43, 46, 53
29	5.6	p339: 2, 5, 9, 12, 18, 25, 45, 51, 52, 56

August 3 Review for final exam

Final exam either on August 4th, 5th, or 6th – Date, time, and location to be announced

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 the even answers to homework problems (odd answers are in the back of the textbook), old exams/answers, etc.