

Text: Algebra and Trigonometry with Analytic Geometry by Swokowski / Cole, Classic Eleventh Edition, Brooks / Cole (2005).

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.

<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
8	2.3	p84: 35, 36, 39, 52, 54, 57, 58, 59, 60, 63, 64, 65, 66, 70, 71, 73
June 22		In –class review for Exam 1
June 23		Exam 1 (during class)
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 7		In-class review for Exam 2
July 10		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, 23, 39, 40
24	9.2	p579: 2, 5, 10, 14, 15, 16, 17, 21, 24, 29, 31, 32, 34
July 21		In-class review for Exam 3
July 24		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>abcdefgi</i> , 45, 47, 48, 51, 57, 63, 64, 66
28	5.5	p328: 1, 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 1		Review for final exam
Final exam either on August 2, 3, or 4 – Date, time, and location to be announced		

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), old exams/answers, etc.