

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

Calculators are required, and only a one-line, scientific calculator is allowed for quizzes and exams. Recommended is the TI-30Xa. 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</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 21

In-class review for Exam 1

June 22

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 6

In-class review for Exam 2

July 9

Exam 2 (during class)

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 20 **In-class review for Exam 3**

July 23 **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: 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

July 31 **Review for final exam**

Final exam either on August 1st, 2nd, or 3rd – 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.