

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 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 (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 22		Review for Exam 1
June 22-24		Exam 1
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 8		Review for Exam 2
July 10-12		Exam 2
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 22 Review for Exam 3

July 24-26 Exam 3

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

August 2 Review for final exam

Final exam either on August 3rd , 4th , or 5th – Date, time, and location to be announced

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

<http://www.math.purdue.edu/MA15300Y>

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.