

MA 15300X Fall 2011 Assignment Sheet

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 Thomson 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	p13: 2, 5, 8, 9, 12
1	1.2	p25: 3, 4, 6, 7, 8, 12, 13, 15, 20, 23, 24, 25, 27, 31, 32, 36, 37, 41, 51, 54, 58, 62, 64, 65, 67, 68, 78, 86, 87, 95
1	1.3	p39: 3, 6, 12, 15, 18, 22, 23, 29, 33, 38, 40, 46
2	1.3	p39: 54, 55, 57, 59, 62, 68, 70, 71, 72, 76, 77, 79, 81, 94, 99, 102
2	1.4	p47: 4, 5, 10, 13, 17, 20, 22, 26, 33, 34, 37, 41, 43, 46, 49, 50, 55
3	2.1	p60: 6, 12, 22, 30, 31, 37, 40, 44, 51, 59, 61, 70, 74
3	2.2	p70: 1, 4, 8, 9, 10, 11, 12, 14, 16, 17, 19, 20, 21, 25, 26, 27, 29, 31, 32, 33
4	2.3	p84: 2, 5, 11, 14, 16, 20, 21, 26, 27, 28, 35, 36, 39, 52, 57, 58
September 20		First hour: Review for Exam 1
		Second hour: Exam 1 (Sections 1.1 – 2.3 Part 1)
		Third hour: New lesson:
5	2.3	p85: 59, 60, 63, 64, 65, 66, 70, 71, 73
6	2.4	p93: 4, 5, 11, 15, 18, 19, 22, 29, 37, 39, 42, 45, 53, 55
6	2.5	p100: 3, 4, 13, 19, 24, 25, 35, 38, 52, 58, 66
6	2.6	p109: 2, 3, 4, 7, 8, 14, 17, 22, 29, 47, 49, 51, 54, 55, 57, 63, 75, 77, 78, 83
7	3.1	p128: 2, 6, 7, 10, 14, 15, 19, 22, 25, 29
7	3.2	p138: 4, 7, 12, 17, 25, 32, 34, 36, 39, 43, 46, 50, 51, 57, 61, 63, 70
7	3.3	p151: 2, 14, 15, 19, 22, 24, 27, 29, 32, 33, 36, 38, 39, 43, 45, 49, 57, 58, 62, 66

Over

October 18**First hour: Review for Exam 2****Second hour: Exam 2 (Sections 2.3 Part II – 3.3)****Third hour: New lesson:**

8	3.4	p167: 1, 4, 6, 9, 10, 11, 12, 13, 19, 20, 21, 25, 27, 28, 29
9	3.4	p168: 40, 41, 45, 47, 49, 54, 65, 67, 68, 71, 73, 76
9	3.5	p181: 4, 6, 10, 13, 14, 16, 23, 27, 29, 31, 32, 33, 35, 38, 39, 42, 43, 46, 63 <i>abcdef</i> , 64 <i>abcdef</i> , 47, 50, 52, 65, 66, 67, 68 (problems out of order on purpose)
9	3.6	p192: 7, 10, 14, 16, 21, 24, 26, 29, 32, 33, 41, 45, 46, 47, 51
10	3.7	p203: 1, 2, 10, 13, 15, 18, 35, 37, 45, 47, 49
10	2.7	p117: 2, 3, 7, 10, 13, 17, 25, 27, 31, 44, 45
10	4.1	p219: 2, 13, 17, 20, 21, 22, 29, 35, 41
11	4.6	p270: 3, 8, 12, 14, 15, 16, 17, 24
11	9.1	p570: 2, 4, 7, 13, 18, 20, 25, 41, 42
11	9.2	p579: 2, 5, 10, 16, 17, 18, 19, 23, 26, 31, 33, 34, 36

November 15**First hour: Review for Exam 3****Second hour: Exam 3 (Sections 2.7, 3.4 – 4.1, 4.6, 9.1, 9.2)****Third hour: New lesson:**

12	5.1	p285: 3, 8, 11, 25, 28, 29, 30, 31, 32, 35, 45, 46
13	5.2	p296: 2, 7, 11, 17, 29, 41, 42, 46
13	5.3	p306: 1, 2, 5, 8, 13, 15
13	5.4	p318: 1, 2, 3, 4, 15, 18, 20, 22, 25, 27, 28
14	5.4	p319: 35, 45, 47, 48, 51, 57, 63, 64, 66
14	5.5	p328: 1, 4, 6, 7, 10, 11, 13, 14, 15, 18, 22, 25, 27, 31, 43, 46, 53
15	5.6	p339: 2, 5, 9, 12, 18, 25, 45, 51, 52, 56
15		Review for final exam

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 WebAssign links, review problems, old exams/answers, and letter grade curves (when available), etc.