MA 153X   Assignment Sheet   Fall 2010

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.

Lessons	Sections	Assignments (front and back)
1	1.1-2	p13: 2, 5, 8, 9, 12; p25: 3, 4, 6, 12, 13, 15, 20, 23, 24
1	1.2	p25: 7, 8, 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	**September 14**	**First hour: Review for Exam 1**
		Second hour: Exam 1 (Sections 1.1-2.2)
		Third hour: New lesson:
	2.3	p84: **2, 5, 11, 14, 16, 20, 21, 26, 27, 28**
5	2.3	p85: **35, 36, 39, 52, 57, 58, 59, 60, 63, 64, 65, 66, 70, 71, 73**
5	2.4	p93: **4, 5, 11, 15a, 18a, 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**
6	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**

8	**October 19**	**First hour: Review for Exam 2**
		Second hour: Exam 2 (Sections 2.3 – section 3.3)
		Third hour: New lesson:
	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
9	3.5	p182: 42 *abcdefghij,* 43, 46, 63 *abcdef,* 64 *abcdef ,* 47, 50, 52, 65, 66, 67, 68
		(problems out of order on purpose)
10	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**
11	2.7	p117: **2, 3, 7, 10, 13, 17, 25, 27, 31, 44, 45**
11	4.1	p219: 2, 13, 17, 20, 21, 22, 29, 35, 41
11	4.6	p270: **3, 8, 12, 14, 15, 16, 17, 24; p274: 49**
12	9.1	p570: **2, 4, 7, 13, 18, 20, 25, 41, 42**
12	9.2	p579: **2, 5, 10, 16, 17, 18, 19, 23, 26, 31, 33, 34, 36**
12		**Review for Exam 3**
13	**November 23**	**First hour: Exam 3 (Section 3.4 – section 9.2)**
		Second hour and third hour: New lesson:
	5.1	p285: **3, 8, 11, 25, 28, 29, 30, 31, 32, 35, 45, 46**
14	5.2-3	p296: **2, 7, 11, 17, 29, 41, 42, 46; p306: 1, 2, 5, 8, 13, 15**
14	5.4	p318: 1, 2, 3, 4, 15, 18, 20, 22, 25, 27, 28, 35 *abcdefgi*, 45, 47, 48, 51, 57, 63, 64, 66
15	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 Cengage Now links, review problems, old exams/answers, and letter grade curves (when available), etc.