

MA 154X

Assignment Sheet

Spring 2009

Text: Algebra and Trigonometry with Analytic Geometry by Swokowski / Cole, Classic Eleventh Edition, Brooks / Cole (2006).

A **single-line calculator** is allowed on quizzes and exams. No two-line, four-line, or graphing calculators are allowed. A TI-30Xa calculator is preferred; however, any **one-line calculator** is fine.

All 40 lessons have been recorded in PowerPoint, with Mr. Delworth narrating how to work each problem, and are accessible in Blackboard. This is not a substitute for attending class; however, it might be a helpful aid in understanding the material.

The vast majority of the homework will be completed using the Math Department's online homework system, SAGE. The problems in SAGE match up one-for-one with the problems listed below however, the numerical values within each problem are changed. To access the system, go to the course web page, www.math.purdue.edu/courses/MA154, and click on the link, **SAGE: the online homework system**. You will use your career account Username and Password to log into SAGE.

Questions about SAGE should be brought to the attention of your instructor and/or the Course Coordinator, Tim Delworth

Lessons 4, 32, 33 and 34 along with assigned problems that are **bolded** are not programmed into SAGE. They are to be completed on paper and brought to class for review. They are fair game for an exam question.

<u>Lesson</u>	<u>Section</u>	<u>Assignment</u>
1	6.1	p356: 2,3,5,8,10,11,13,14,17,18,22,23,26,27
2	6.1	p356: 29,30,31,32,33,34,35,36,37ad,38,39,50,51
3	6.2	p372: 3,6,7,11,16,19,21,23,25,26,29,32

4	6.2	p372: 49,51,53,54,55,57,58,59,61,63	Lesson 4 is not programmed in SAGE. Do it on paper and bring it to class with your questions.
5	6.2	p372: 64,65,73,76,79,83,85,86,88,90	
6	6.3	p390: 1,4,5,6,9,12,15,16,18,19,21,23,24	

7	6.3	p390: 27,29,32,34,41,50,55,57,63
8	6.4	p399: 2,3,6,7,10,12,13,16,18
9	6.4	p399: 19,22,25,30,33,36,37

Review		
Exam 1	Tuesday, February 3rd, In Class...	
10	6.5	p410: 1,6,7,11,19,27,28
11	6.5	p410: 31,32,36,41,42,43,44,46,53,54

12	6.7	p427: 4,5,6,11,12,15,18,19,25,26,28,31
13	6.7	p427: 33,34,35,36,42, 45,46,48,51
14	6.7	p427: 61,62,63,64,65,66

15	7.2	p455: 1,3,5,7,11,13,17,20,25,27,30
16	7.2	p455: 37,39,42,43,47,48,50,51,53
17	7.3	p464: 2,3,6,7,10,12,14,17,18

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18	7.3	p464: 19,20,21,22, 35,37,40
19	7.4	p473: 1,2,3,4, 11,14,15,22,25
20	7.4	p473: 35,37,39,50

21	7.6	p492: 1,3,4,7,12,13,14
22	7.6	p492: 19,20,23,24,27,32, 33,34
23	7.6	p492: 53,54,55,56,61,62,64,67

Review**Exam 2 Tuesday, March 10th, In Class...**

24	8.1	p509: 5,8,10,12,13,16,17,19
25	8.1	p509: 21,24,25,27,28

26	8.2	p518: 7,9,12,15,17,19
27	8.2	p518: 20,22,24,25,28
28	8.3	p532: 2,5, 8 ,12,13,14,16,30,33,38,39

29	8.3	p532: 41,43,45,46,49,51,53,55
30	8.3	p532: 58, 59 ,61,63, 64 ,65, 66 ,68
31	8.4	p544: 2,3,5, 10,12,14,16 ,18,20,23

Review**Exam 3 Tuesday, April 7th, In Class...**

32	4.5	p262: 7,10,11,12,15,16,18	Lessons 32, 33, and 34 are not programmed in SAGE. Do these on paper and bring them to class with your questions.
33	4.5	p262: 20,22,26,30,32	
34	4.5	p262: 37,40,43,45,46,47,48	

35	11.1	p734: 3,5,6,9,12,13,14
36	11.1	p734: 15,16,19,20,23,24,26,27,29
37	11.2	p746: 2,5,8,10,12,13,15,16,17,18
38	11.2	p746: 19,21,23,25,26,29,30,31,32,47,48,49,50

39	11.3	p758: 1,3,6,8,11,12,14,16,17,20
40	11.3	p758: 22,23,26,27,29,31,34,35,36,40,41,43,44,59
Start review for Final Exam		

Review for Final Exam**Final Exam Tuesday, May 5th, In Class...**

The course page is located at: www.math.purdue.edu/MA154X. There is a lot of information in Blackboard.

At the course web page you will find links to this assignment sheet, the ground rules for the course, the solutions to the even-numbered text homework problems, instructor information, SAGE (the online homework system), and the semester schedule. Before each midterm exam there will be links to the list of review questions, old exams along with their answers, and room assignments. After each midterm exam the solutions and grade cutoffs will be linked.