# MA 154        Assignment Sheet        Fall 2008

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

**A one-line, TI-30 calculator** is required for the course and is the **only calculator** allowed on quizzes and exams. The two-line and four-line versions of the TI-30 calculator a **not** allowed. The one you used in your last math class may, or may not, be allowed. Please check with the instructor if you are not sure.

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** |
| 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 |
| 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 |

> **Lesson 4** is not programmed in SAGE. Do it on paper and bring it to class with your questions.

**Exam 1**      **Tuesday, September 23rd, Starting at 8:00 PM, Hall of Music**

| 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 |
| 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,**45(b only), 46(a only)**,50 |
| 21 | 7.6 | p492: | 1,3,4,7,12,13,14 |
| 22 | 7.6 | p492: | 19,20,23,24,27,32,**33,34** |

**Exam 2**      **Thursday, October 23rd, Starting at 6:30 PM, Hall of Music**

| Section | | Assignment |
|---|---|---|
| 23 | 7.6 | p492: 53,54,55,56,61,62,64,67 |
| 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 |
| **32** | **4.5** | **p262: 7,10,11,12,15,16,18** |
| **33** | **4.5** | **p262: 20,22,26,30,32** |

> **Lessons 32, 33, and 34** are not programmed in SAGE. Do these on paper and bring them to class with your questions.
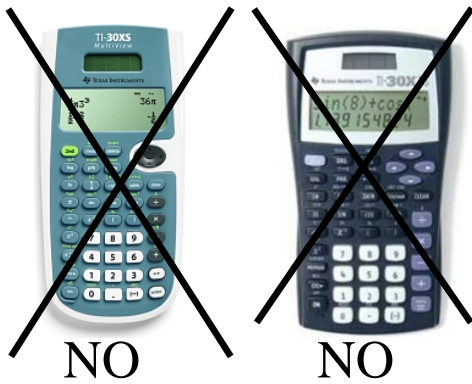
**Exam 3**      **Wednesday, November 19th, Starting at 6:30 PM, Hall of Music**

| | | |
|---|---|---|
| **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 |

There is a two-hour final exam during finals week. The date and time of the final will be announced during the semester. It may be assigned as late as the afternoon of Saturday, December 20th. **You will not be granted an early final to accommodate travel plans.**

The course page is located at: **www.math.purdue.edu/MA154**

At the course web page you will find links to this assignment sheet, the ground rules for the course, 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. Use the link from the course page to check exam scores.
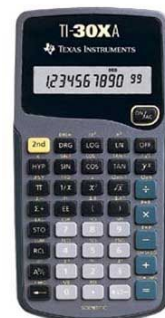


NO      NO

The only calculator allowed for use on exams or quizzes is a **single-line** TI-30.

The two-line and four-line TI-30, along with all other brands and models, are not allowed.

Pictured are the three most common TI-30 calculators. Do not buy the wrong one.

Older models of the **single-line** TI-30 are acceptable.

YES
TI-30
Only!