

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

A **one-line scientific calculator** is required for the course and is the **only calculator** allowed on quizzes and exams. Do not buy or bring to class a two-line calculator.

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/MA154X](http://www.math.purdue.edu/courses/MA154X), 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 or the Course Coordinator, Tim Delworth, [delworth@math.purdue.edu](mailto:delworth@math.purdue.edu).

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: <b>3,6,7,11,16,19,21,23,25,26,29,32</b>

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

7	6.3	p390: 27,29,32,34,41,50, <b>55,57,63</b>
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: <b>1,6,7,11,19,27,28</b>
11	6.5	p410: 31,32,36,41,42,43,44,46,53,54

<b>Review</b>		
<b>Exam 1 Tuesday, September 18<sup>th</sup></b>		
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, <b>62</b> ,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, <b>35,37,40</b>
19	7.4	p473: 1,2,3,4, <b>11,14,15,22,25</b>

Lesson	Section	Assignment
20	7.4	p473: 35,37,39, <b>45(b only)</b> , <b>46(a only)</b> ,50
21	7.6	p492: 1,3,4,7,12,13,14
22	7.6	p492: 19,20,23,24,27,32, <b>33,34</b>

### Review

#### Exam 2 Tuesday, October 23<sup>rd</sup>

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, <b>8</b> ,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, <b>59</b> ,61,63, <b>64</b> ,65, <b>66</b> ,68
31	8.4	p544: 2,3,5, <b>10,12,14,16</b> ,18,20,23

<b>32</b>	<b>4.5</b>	<b>p262: 7,10,11,12,15,16,18</b>
<b>33</b>	<b>4.5</b>	<b>p262: 20,22,26,30,32</b>
<b>34</b>	<b>4.5</b>	<b>p262: 37,40,43,45,46,47,48</b>

Lessons 32, 33, and 34 are not programmed in SAGE. Do these on paper and bring them to class with your

35	11.1	p734: 3,5,6,9,12,13,14
36	11.1	p734: 15,16,19,20,23,24,26,27,29

### Review

#### Exam 3 Tuesday, November 27<sup>th</sup>

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

### Review for Final Exam

#### Final Exam Tuesday, December 11<sup>th</sup>

The course page is located at: [www.math.purdue.edu/MA154X](http://www.math.purdue.edu/MA154X)

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.