

Text: Algebra and Trigonometry with Analytic Geometry by Swokowski / Cole, Classic Tenth Edition, Brooks / Cole (2003).

**Calculators are required, and only scientific, non-programmable, non-graphing ones are allowed for quizzes and exams.** 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.

<u>Lessons</u>	<u>Sections</u>	<u>Assignments (front and back)</u>
1	1.1-2	p13: 2, 5, 8, 9, 12; p25: 3, 4, 6, 12, 13, 15, 20, 23, 24
2	1.2	p25: 7, 8, 25, 27, 31, 32, 36, 37, 41, 51, 54, 58, 61, 62, 64, 65, 67, 68, 78, 86, 87, 95
3	1.3	p38: 3, 6, 12, 15, 18, 22, 23, 29, 33, 38, 40, 46, 54, 55, 57, 59, 62, 68, 70, 71, 72, 76, 77, 79, 81, 92, 97, 100
4	1.4	p47: 4, 5, 10, 13, 17, 20, 22, 26, 33, 34, 37, 41, 43, 46, 49, 50, 55
5	2.1	p60: 6, 12, 22, 30, 31, 37, 40, 44, 51, 55, 63, 66, 67, 70
6	2.2	p71: 1, 4, 6, 7, 8, 9, 10, 12, 14, 15, 17, 18, 19
7	2.2-3	p72: 23, 24, 25, 27, 29, 30, 31; p84: 2, 5, 11, 14, 16, 20, 21, 26, 27, 28
8	2.3	p84: 35, 36, 39, 48, 50, 53, 54, 55, 56, 59, 60, 61, 62, 66, 67, 69
<b>June 23</b>		<b>In-class review for Exam 1</b>
<b>June 24</b>		<b>Exam 1 (during class)</b>
9	2.4	p94: 4, 5, 11, 15, 18, 19, 22, 29, 37, 39, 42, 45, 51, 53
10	2.5	p100: 3, 4, 13, 19, 24, 25, 35, 38, 41, 52, 56, 62, 64
11	2.6	p110: 2, 3, 4, 7, 8, 14, 17, 22, 29, 41, 47, 49, 51, 54, 55, 57, 63, 69, 75, 77, 78, 83
12	3.1	p130: 2, 6, 7, 10, 14, 15, 19, 22, 25, 29
13	3.2	p141: 4, 7, 12, 17, 25, 32, 34, 36, 39, 43, 46, 50, 51, 57, 66
14	3.3	p153: 2, 14, 15, 17, 20, 22, 25, 27, 30, 31, 34, 36, 37, 41, 43, 47, 55, 56, 60, 64
15	3.4	p169: 1, 4, 6, 9, 10, 11, 12, 13, 15, 16, 17, 21, 23, 24, 25
16	3.4	p169: 34, 35, 39, 41, 46, 57, 59, 60, 63, 65, 68
<b>July 8</b>		<b>In-class review for Exam 2</b>
<b>July 11</b>		<b>Exam 2 (during class)</b>

**OVER**

17	3.5	p181: 2, 4, 8, 11, 12, 14, 21, 25, 27, 29, 30, 31, 33, 36, 37, 40 <i>abcdefghij</i>
18	3.5	p182: 41, 44, 45, 48, 50, 61 <i>abcdef</i> , 62 <i>abcdef</i> , 63, 64, 65, 66
19	3.6	p192: 7, 10, 14, 16, 21, 24, 26, 27, 30, 31, 39, 43, 44, 45, 46, 49
20	3.7-8	p202: 1, 2, 10, 13, 15, 18, 35, 37, 39, 45, 47, 49; p213: 6, 9, 19, 22, 23, 24, 25, 26, 29, 39, 40
21	3.9	p219: 3, 8, 12, 14, 15, 16, 17, 24; p226: 92
22	2.7	p118: 2, 3, 7, 10, 13, 17, 25, 27, 31, 44, 45
23	4.1	p237: 2, 3, 11, 15, 18, 19, 20, 27, 33, 39
24	9.1	p570: 2, 4, 7, 13, 18, 20, 23, 31, 35
25	9.2	p579: 2, 5, 10, 14, 15, 16, 17, 21, 24, 29, 31, 32, 34
<b>July 25</b>		<b>In-class review for Exam 3</b>
<b>July 26</b>		<b>Exam 3 (during class)</b>
26	5.1-2	p293: 2, 7, 11, 13, 17, 25, 37, 38, 42; p302: 1, 2, 5, 8, 13, 15
27	5.3	p315: 1, 2, 3, 4, 13, 16, 18, 20, 23, 25, 26, 33 <i>abcdefghij</i> , 41, 43, 44, 47, 53, 59, 60, 62
28	5.4	p326: 1, 4, 6, 7, 10, 11, 13, 14, 15, 18, 22, 25, 27, 31, 43, 46, 53
29	5.5	p336: 2, 5, 9, 12, 18, 25, 43, 49, 50, 54

**The final exam will be on either August 3<sup>rd</sup>, 4<sup>th</sup>, or 5<sup>th</sup>. The date and time to be announced later.**

**The website for this course is available at the following URL:**

**<http://www.math.purdue.edu/MA153>**

**Among the useful information that you will find are the even answers to homework problems, (odd answers are in the back of the textbook), old exams/answers, etc.**