

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, 27, 31, 36, 37, 41, 51, 54, 58, 61, 64, 65, 67, 68, 78, 86, 87, 95
3	1.3	p38: 3, 6, 12, 18, 22, 23, 33, 38, 46
4	1.3	p39: 54, 55, 57, 59, 62, 68, 71, 72, 76, 92, 97, 100
5	1.4	p47: 4, 5, 10, 13, 17, 22, 26
6	1.4	p48: 33, 34, 37, 46, 50, 55
7	2.1	p60: 6, 12, 22, 30, 31, 37, 40, 44, 51, 55, 63, 66, 67, 70
8	2.2	p71: 1, 4, 6, 7, 8, 9, 10, 12, 14, 15
February 5		Optional attendance in-class review session
February 6		Exam 1 -- 7:00 p.m.
9	2.2	p72: 17, 18, 19, 23, 24, 25, 27, 29, 30, 31
10	2.3	p84: 2, 5, 11, 14, 16, 20, 26, 28
11	2.3	p84: 35, 36, 39, 48, 50, 53, 54
12	2.3	p85: 55, 56, 59, 60, 61, 62, 66, 67, 69
13	2.4	p94: 4, 11, 15, 18, 19, 22, 29, 37, 39, 42, 45, 51, 53
14	2.5	p100: 3, 4, 13, 19, 24, 25, 35, 38, 41, 52, 56, 62, 64
15	2.6	p110: 2, 4, 7, 14, 17, 22, 29, 41, 51, 54, 63, 69, 75, 78, 83
16	3.1	p130: 2, 6, 7, 10, 14, 15, 19, 22, 25, 29
17	3.2	p141: 4, 7, 12, 17, 25, 32, 36, 39, 43, 46, 50, 51, 57, 66
18	3.3	p153: 2, 14, 15, 17, 20, 22, 27, 30, 31, 34
19	3.3	p154: 36, 37, 41, 43, 47, 55, 56, 60, 64
20	3.4	p169: 1, 6, 9, 10, 11, 12, 13, 15, 16, 17, 21, 23, 24, 25
21	3.4	p169: 34, 35, 39, 41, 46, 57, 59, 60, 63, 65, 68
22	3.5	p181: 2, 4, 8, 11, 12, 14, 21, 25, 27, 29, 30, 31, 33, 36, 37
March 12		Optional attendance in-class review session
March 13		Exam 2 -- 7:00 p.m.

23	3.5	p182: 40 <i>abcdefghij</i> , 41, 44, 62 <i>abcdef</i>
24	3.5	p182: 45, 48, 50, 63, 64, 65
25	3.6	p192: 7, 10, 16, 21, 24, 26, 27, 30, 39, 43, 45, 49
26	3.7	p202: 1, 2, 10, 13, 18, 35, 37, 39, 45, 49
27	3.8	p213: 6, 9, 19, 22, 25, 29, 39, 40
28	3.9	p219: 3, 8, 12, 15, 16, 17, 24; p226: 80, 92
29	2.7	p118: 2, 3, 7, 10, 13, 17, 25, 31, 44, 45
30	4.1	p237: 2, 3, 11, 15, 18, 19, 27, 33, 39
31	9.1	p570: 2, 4, 7, 13, 18, 20, 23, 31, 35
32	9.2	p579: 2, 5, 10, 14, 15, 16, 17, 21, 23

April 14

Optional attendance in-class review session

April 15

Exam 3 -- 7:00 p.m.

33	9.2	p580: 24, 29, 31, 32, 34
34	5.1-2	p293: 2, 11, 13, 17, 37, 38, 42; p302: 1, 2, 5, 8, 13, 15
35	5.3	p315: 1, 4, 13, 16, 18, 25, 26
36	5.3	p316: 33 <i>abcdefghij</i> , 41, 43, 44, 47, 53, 59, 62
37	5.4	p326: 1, 4, 6, 10, 11, 14, 15
38	5.4	p326: 18, 22, 25, 27, 31, 43, 46, 53
39	5.5	p336: 2, 5, 9, 12, 18, 25, 43, 49, 50, 54

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

**<http://www.math.purdue.edu/>
then click on course pages, then Math 153**

Among the useful information that you will find are the even answers to homework problems, (odd answers are in the back of the textbook), exam times/locations, review problems, old exams/answers, exam answers and letter grade curves (when available), etc.