

MA 15300X Tuesday Only Spring 2012 Assignment Sheet

Text: Algebra and Trigonometry with Analytic Geometry by Swokowski / Cole, Classic Twelfth Edition, Brooks / Cole (2010).

All homework assignments will be completed online using the computerized homework system WebAssign. To get started with WebAssign, visit the course website (www.math.purdue.edu/ma153) and use the WebAssign Intro link under Online Homework. The problems listed below are all from the textbook, but similar problems will make up the WebAssign homework assignments.

Students are discouraged from using anything other than a one-line, non-programmable scientific calculator when completing the homework assignments, since that is the only type of calculator allowed for quizzes and exams. The TI-30XA scientific calculator is strongly recommended; a list of acceptable calculators is available at

<https://www.math.purdue.edu/academic/files/courses/2012spring/MA15300/CalculatorPolicy.pdf>

The recommended web browser when using the WebAssign system is Mozilla Firefox. Technical problems have been reported in the past with Internet Explorer, Google Chrome, and Safari. **It is highly recommended that you use Mozilla Firefox when working on WebAssign.**

| <u>Lessons</u> | <u>Sections</u> | <u>Assignments</u> |
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| 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, 62, 64, 65, 67, 68, 78, 86, 87, 95 |
| 3 | 1.3 | p39: 3, 6, 12, 15, 18, 22, 23, 29, 33, 38, 40 |
| 4 | 1.3 | p39: 46, 54, 55, 57, 59, 62, 68, 70, 71, 72, 76, 77, 79, 81, 94, 99, 102 |
| 5 | 1.4 | p47: 4, 5, 10, 13, 17, 20, 22, 26 |
| 6 | 1.4 | p48: 33, 34, 37, 41, 43, 46, 49, 50, 55 |
| 7 | 2.1 | p60: 6, 12, 22, 30, 31, 37, 40, 44, 51, 59, 61, 70, 74 |
| 8 | 2.2 | p70: 1, 4, 8, 9, 10, 11, 12, 14, 16, 17, 19, 20, 21 |
| 9 | 2.2 | p71: 25, 26, 27, 29, 31, 32, 33 |
| Tuesday, January 31 | | |
| First hour: Review for Exam 1 | | |
| Second hour: Exam 1 (Lesson 1 – 9) | | |
| Third hour: Lesson 10 | | |
| 10 | 2.3 | p84: 2, 5, 11, 14, 16, 20, 21, 26, 27, 28 |
| 11 | 2.3 | p84: 35, 36, 39, 52, 57, 58 |
| 12 | 2.3 | p85: 59, 60, 63, 64, 65, 66, 70, 71, 73 |
| 13 | 2.4 | p93: 4, 5, 11, 15, 18, 19, 22, 29, 37, 39, 42, 45, 55 |

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| 14 | 2.5 | p100: 3, 4, 13, 19, 24, 25, 35, 38, 52, 58, 66 |
| 15 | 2.6 | p109: 2, 3, 4, 7, 8, 14, 17, 22, 29, 47, 49, 51, 54, 55, 57, 63, 75, 77, 78, 83 |
| 16 | 3.1 | p128: 2, 6, 7, 10, 14, 15, 19, 22, 25, 29 |
| 17 | 3.2 | p138: 4, 7, 12, 17, 25, 32, 34, 36, 39, 43, 46, 50, 51, 57, 61, 63, 70 |
| 18 | 3.3 | p151: 2, 14, 15, 19, 22, 24, 27, 29, 32, 33, 36 |
| 19 | 3.3 | p152: 38, 39, 43, 45, 49, 57, 58, 62, 66 |

Tuesday, February 28 **First hour: Review for Exam 2**

Second hour: Exam 2 (Lessons 10 – 19)

Third hour: Lesson 20

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| 20 | 3.4 | p167: 1, 4, 6, 9, 10, 11, 12, 13, 19, 20, 21, 25, 27, 28, 29 |
| 21 | 3.4 | p168: 40, 41, 45, 47, 49, 54, 65, 67, 68, 71, 73, 76 |
| 22 | 3.5 | p181: 4, 6, 10, 13, 14, 16, 23, 27, 29, 31, 32, 33, 35, 38, 39 |
| 23 | 3.5 | p182: 42, 43, 46, 63 <i>abcdef</i> , 64 <i>abcdef</i> |
| 24 | 3.5 | p182: 47, 50, 52, 65, 66, 67, 68 |
| 25 | 3.6 | p192: 7, 10, 14, 16, 21, 24, 26, 29, 32, 33 |
| 26 | 3.6 | p194: 41, 45, 46, 47, 51 |
| 27 | 3.7 | p203: 1, 2, 10, 13, 15, 18, 35, 37, 45, 47, 49 |
| 28 | 2.7 | p117: 2, 3, 7, 10, 13, 17, 25, 27, 31, 44, 45 |
| 29 | 4.1 | p219: 2, 13, 17, 20, 21, 22, 29, 35, 41 |
| 30 | 4.6 | p270: 3, 8, 12, 14, 15, 16, 17, 24 |

Tuesday, April 3 **First hour: Review for Exam 3**

Second hour: Exam 3 (Lessons 20 – 30)

Third hour: Lesson 31

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| 31 | 9.1 | p570: 2, 4, 7, 13, 18, 20, 25, 41, 42 |
| 32 | 9.2 | p579: 2, 5, 10, 16, 17, 18, 19, 23 |
| 33 | 9.2 | p580: 26, 31, 33, 34, 36 |
| 34 | 5.1 | p285: 3, 8, 11, 25, 28, 29, 30, 31, 32, 35, 45, 46 |
| 35 | 5.2-3 | p296: 2, 7, 11, 17, 29, 41, 42, 46 p306: 1, 2, 5, 8, 13, 15 |
| 36 | 5.4 | p318: 1, 2, 3, 4, 15, 18, 20, 22, 25, 27, 28 |
| 37 | 5.4 | p319: 35, 45, 47, 48, 51, 57, 63, 64, 66 |
| 38 | 5.5 | p328: 1, 4, 6, 7, 10, 11, 13, 14, 15 |
| 39 | 5.5 | p328: 18, 22, 25, 27, 31, 43, 46, 53 |
| 40 | 5.6 | p339: 2, 5, 9, 12, 18, 25, 45, 51, 52, 56 |