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| Day | Date | **Math 106 Topics** | **HW exercises due by next class period** | | | |  |
| T | 8/23 | Introductions, 1.1 Real numbers | Sec 1.1 (pp 7-8) #1-40 | | | |  |
| R | 8/25 | 1.2 Fraction operations, order of operations | Sec 1.2 (p 19-20) #1-32 even | | | |  |
| F | 8/26 | 1.2,1.3 Fractions, order of operations | Sec 1.2 (p 19-20) #34-60 even and 73-76 | | | |  |
|  | |  | | | | | |
| M | 8/29 | 1.3,1.4  Signed numbers & basic exponents | Sec 1.3 (pp 23-24) #1-28 even & 40  Sec 1.4 (pp 28-29) #1-54 even & 57,62,64,68 | |  | |  |
| T | 8/30 | 1.5,1.6  Properties of reals, basic abs value, basic inequality | Sec 1.5 (p 34) #19 and 26-50 even | | | | Quiz 1 |
| F | 9/2 | 1.6 Basic abs value, inequality | Sec 1.6 (p 43) #1-22 even and 31-68 even | | | |  |
| M 9/5 NO CLASS – LABOR DAY | | | | | | | |
| T | 9/6 | 8.1,8.2 Integer exponents | Sec 8.1 (p 279) #15-69 every other odd  Sec 8.2 (p 284) #1-71 every other odd | | | | |
| R | 9/8 | 8.3 Rational exponents/radicals | Sec 8.3 (p 291) #1-63 odd | | | |  |
| F | 9/9 | 8.3,8.4 Radicals/exponents: evaluating, simplifying | Sec 8.4 (p 297) #1-67 odd | | | | Quiz 2 |
|  |  |  |  | | | |  |
| M | 9/12 | 8.4 Radicals: evaluating, simplifying | Sec 8.4 (p 291) #1-67 odd | | | |  |
| T | 9/13 | 8.5 Operations on radicals | Sec 8.5 (p 301) #1-43 odd | | | | Quiz 3 |
| R | 9/15 | Review | Study For Exam 1 | | | |  |
| F | 9/16 | Exam 1 |  | | | |  |
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| M | 9/19 | 2.1 Linear equations | Sec 2.1 (p 59) #9-45 odd & 54,58 | | | |  |
| T | 9/20 | 2.3 Formulas | Sec 2.3 (p 71) #1-28 odd | | | |  |
| R | 9/22 | 2.2 Word problems | Sec 2.2 (p 66) # 1,3,5,15,17,24,25,40,42,44 | | | | |
| F | 9/23 | 2.4, 2.5 Linear inequal, abs value eqns | Sec 2.4 (p 76) #1-47 even | | | |  |
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| M/T 9/26-9/2 NO CLASSES ROSH HASHANA | | | | | | | |
| R | 9/29 | 2.5 Abs value equations, inequalities | Sec 2.5 (p 81) #2-48 even | | | | |
| F | 9/30 | 2.5 Abs value equations, inequalities | Sec 2.5 (p 81) #2-48 even | | | | Quiz 4 |
|  |  |  | | | | | |
| M | 10/3 | 7.1, 7.2 Slope of line, equations of lines | Sec 7.1 (p 242) #2-20 even  Sec 7.2 (p 251) #2-58 even | | | |  |
| T | 10/4 | 7.3 Properties of lines (hor/vert/par/perp) | Sec 7.3 (p 259) #2-36 even | | | |  |
| R | 10/6 | 7.4 Linear inequalities of two variables | Sec 7.4 (p 266) #2-34 even | | | |  |
| F | 10/7 | 12.1 Distance & midpoint | Sec 12.1 (p 448) #1-24 even | | | | Quiz 5 |
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| M | 10/10 | Review | Study for Exam 2 | | | |  |
| T | 10/11 | Exam 2 |  | | | |  |
| R | 10/13 | 4.1, 4.2, 4.3 Polynomial basics,  add/sub, multiplication | Sec 4.1 (p 120) #2-50 even  Sec 4.2 (p 123) #2-36 even | | | |  |
| F | 10/14 | 4.4 Factoring | Sec 4.3 (p 129)  Sec 4.4 (p 137) #2-86 even | | | |  |
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| M | 10/17 | 4.4 Factoring | Sec 4.4 (p 137) # 2-86 even | | | |  |
| T | 10/18 | 4.5,4.6 Special factoring, long division | Sec 4.5 (p 141) #2-32 even | | | | Quiz 6 |
| R/F 10/20-10/21 NO CLASSES FALL BREAK | | | | | | | |
| M | 10/24 | 4.6,10.1 Long /synthetic division | Sec 4.6 (p 144) #2-36 even  Sec 10.1 (p 360) #2-16 even | | | |  |
| T | 10/25 | 5.1,5.2 Rational expressions (simp, M/D) | Sec 5.1 (p 155) #2-50 even  Sec 5.2 (p 159) #23-54 even | | | |  |
| R | 10/27 | 5.3 Rational expressions (A/S) | Sec 5.3 (p 164) #2-54 even | | | |  |
| F | 10/28 | 5.5 Equations & inequalities with fractions | Sec 5.5 (p 173) #2-34 even | | | | Quiz 7 |
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| M | 10/31 | Review | Study for Exam 3 | | | |  |
| T | 11/1 | Exam 3 |  | | | |  |
| R | 11/3 | 6.1 Rectangular coordinate system | Sec 6.1 (p 199) #2,4,10,12,15,17,20,26,28,38,48 | | | |  |
| F | 11/4 | 6.2,6.3 Function basics, basic graphing | Sec 6.2 (p 208) #12-42 even & 46,48,52,54,67 | | | |  |
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| M | 11/7 | 6.3 Function operations | Sec 6.3 (p 218) #2,4,6,12,18,22,25,26,31 | | | |  |
| T | 11/8 | 11.1 Function composition | Sec 11.1 (p 400) #2-34 | | | | |
| R | 11/10 | 9.1 Solving by quadratic factoring, completing the square | Sec 9.1 (p 325) #2-64 even | | | |  |
| F | 11/11 | 9.1 Solving by quadratic factoring, completing the square | Sec 9.1 (p 325) #2-64 even | | | | Quiz 8 |
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| M | 11/14 | 9.2,9.3 Quadratic formula, discriminant | Sec 9.2 (p 330) #2-34 even  Sec 9.3 (p 333) #2-38 even | | | |  |
| T | 11/15 | 9.6 Second degree inequalities | Sec 9.6 (p 348) #20-48 even | | | |  |
| R | 11/17 | 9.6 Second degree inequalities | Sec 9.6 (p 348) #20-48 even | | | | Quiz 9 |
| F | 11/18 | 13.1 Systems by graph, substitution | Sec 13.1 (p 492) #2,12-20 even | | | |  |
|  | | | | | | | |
| M | 11/21 | 13.2 Systems by elimination | Sec 13.2 (p 497) #2-20 even | | | |  |
| T | 11/22 | 13.5 Systems of linear inequalities | Sec 13.5 (p 517) #2-12 even | | | |  |
| R 11/24-F11/25 NO CLASSES THANKSGIVING BREAK | | | | | | | |
| M | 11/28 | 13.5 Systems of linear inequalities | Sec 13.5 (p 517) #2-12 even | | | | Quiz 10 |
| T | 11/29 | Review | Study for Exam 4 | | | |  |
| R | 12/1 | Review | Study for Exam 4 | | | |  |
| F | 12/2 | Exam 4 |  | | | |  |
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| M | 12/5 | Go over Exam 4 |  | | | |  |
| T | 12/6 | Math 108 content, grading, textbook, how to approach studying | | | | |  |
| R | 12/8 | Review | Study for Final | | | |  |
| F | 12/9 | Review | Study for Final –LAST DAY OF CLASSES | | | |  |
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