

| <b>Class</b> | <b>Topic</b>  | <b>Suggested HW</b><br>(do <b>odd</b> problems unless otherwise indicated; EOO = every other odd )  | <b>Suggested Reading</b><br>(read before next class) |
|--------------|---|---|--|
| 1            | P.1 Real Numbers  | p 9-11: 1,3,11,13,17,19-47,85-109,117   | p 2-8  |
| 2            | Placement Exam  |   | p 12-20  |
| 3            | P.2 Exponents and Radicals  | p 21-23: 1-39,51,55-73,79-95,101-105  | p 24-28  |
| 4            | P.3 Polynomials   | p 29-32: 1-7all,11,15,25-69 EOO,85,87,93,95   | p 33-37  |
| 5            | P.4 Factoring   | p 38-40: 1-11,19-37,47-101,105,133  | p 41-47  |
| 6            | P.5 Rational Expressions  | p 48-50: 1-25,31,35-41,53-61,65,69,71   | p 51-55, 58-59                                       |
| 7            | P.6 Errors<br>P.7 Graphing  | p 56-57: 1-21,27,31,33,35,39-53<br>p 64-67: 1-27,57,63-67   | p 78-82, 84, 88-92                                   |
| 8, 9         | 1.1 Graphs of Eqns<br>1.2 Linear Eqns in One Var<br>1.3 Modeling with Linear Eqns | p 85-87: 1-35,63,67,75-81<br>p 93-96: 1-41 EOO,49-57,59-87 EOO,95-99,107-111<br>p 104-109: 15,21,23,31,35-45,51,67,69,73,75,81,82,97,101,103                | p 97-103   |
| 10           | Review for Test 1   | p 69-71: 1,5,13-29,35-63,67-69,73-81,85-103; p 72: 1,3,4,5ab,6-17all<br>p 162-165: 1-19,31-49,53,57; p 166: 1-5,7,19  |  |
| 11           | Test 1  |   | p 109-110, 112-117                                   |
| 12           | 1.4 Quadratic Eqns  | p 118-122: 1-29 EOO,59-91 EOO,99,101,107,117,123-129,135,139-149  | p 130-136  |
| 13           | 1.6 Other Eqns  | p 137-140: 1,9,15,19,29-37 EOO,45,49,57-69,91,95,115,119  | p 141-146, 151-157                                   |
| 14           | 1.7 Linear Inequalities<br>1.8 Other Inequalities                                 | p 147-150: 1-17,19-59 EOO,75-79,91,93,95,117-125<br>p 158-160: 1-7,9-29 EOO,45,53,55,57,69,70,83,85   | p 172-180  |
| 15           | 2.1 Linear Eqns in Two Vars   | p 181-186: 1-7,9-41 EOO,43-53,55-77 EOO,87-95 EOO,105-117 EOO,121,125-137   | p 187-194, 201-206                                   |
| 16           | 2.2 Functions<br>2.3 Graphs of Functions  | p 195-200: 1-29,37,43-51,55-69,77-81,93,107,109<br>p 207-210: 1-17,31-37,53-57,61-65,77,89-97   | p 211-213, 219-222                                   |
| 17           | 2.4 Library of Functions<br>2.5 Shifting and Reflecting                           | p 216-218: 1-7,53-61,73<br>p 224-228: 1,5abdef,9-29,39-45,61abc,77-83   |  |
| 18           | Review for Test 2   | p 162-165: 65-73,95-99,103,107,109,113-127,130,131,133,137,139<br>p 166: 8-10,12,13,15<br>p 248-251: 1-39,43-51,55-77,83-89; p 252: 1-7,13,15abcd,16abcd,20 |  |
| 19           | Test 2  |   | p 229-233  |
| 20           | 2.6 Combinations of Functions   | p 234-236: 5-23,35-57,67-73   | p 260-262, 265, 271-277                              |
| 21           | 3.1 Quadratic Functions<br>3.2 Polynomial Functions                               | p 266-270: 1-27,37-53 EOO,77-83,95-103<br>p 280-283: 1-21,27-39 EOO,67-79 EOO,99,101,107-113  | p 390-397, 401-407                                   |
| 22           | 5.1 Exponential Functions<br>5.2 Logarithmic Functions                            | p 398-400: 1-17,43-55,63-67,75<br>p 408-410: 1-49,59,77   | p 411-414  |
| 23           | 5.3 Properties of Logarithms  | p 415-416: 1-81 EOO,99-105  | p 417-423  |
| 24           | 5.4 Exponential and Log Eqns  | p 424-427: 1-65 EOO,77-101 EOO,109-113,129,131,137,139  | p 428-431  |
| 25           | 5.5 Exp Growth and Decay  | p 435-440: 7-21,25-45,73,75,81,83,85,91,93  |  |
| 26           | Review for Test 3   | p 248-251: 99-103; p 252: 15ef,16ef; p 321-322: 1-7,21-41; p 325: 1-5,9<br>p 442-445: 1-13,23,25,31-79,83-99,107-117,123,131-135,143; p 446: 1-22           |  |
| 27           | Test 3  |   |  |
| 28           | Review for Final Exam   | p 253-254: 1-4,6,7,9-11,14-35,36bc,37-40; p 447-448: 1-6,22-34,36,38-40   |  |