

Math 211 Homework Assignments

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| 1.1 | 106 | 19-26, 43-62, 64, 68, 74, 76, 80 |
| 1.2 | 117 | 1-11, 18, 23-25, 27-30, 38, 39, 43, 44, 46, 47, 51, 54, 56, 60, 62, 70 |
| 1.3 | 128 | 17, 18, 25, 26, 28, 30, 32, 40-43, 45, 46, 52, 53, 55, 56 |
| 1.4 | 141 | 1, 4, 7, 10, 13-16, 18, 22, 25-34, 40, 43, 45, 46-49, 53-56 |
| 1.5 | 154 | 2-56 even (simplify answers), 57, 59, 60, 62, 69, 71, 72, 73, 74, 76, 79, 82, 90, 93, 98, 110, 113, 117 |
| 1.6 | 163 | 9-12, 16-20 (Do both ways and simplify the result.), 22-36 even, 43, 46, 48, 98, 101, 105, 107, 108, 110 |
| 1.7 | 173 | 3, 4, 7, 8, 10, 12-16, 18, 20, 22, 24, 25, 27-34, 37, 38, 43, 44, 59, 63, 64, 66, 71, 72, 75, 76, 77, 81, 82, 83, 84 |
| 1.8 | | 9-12, 19-31 odd, 35, 36, 47, 49, 53, 54, 59, 60, 69, 71 |
| 2.1 | 212 | NO DECIMALS 2, 3, 10, 12, 17, 22, 23-26, 27-30 [dont sketch this set], 31, 34, 69, 71, 73, 75, 77, 79, 82, 84, 85, 91-96. Explain how to find the graph of an equation $y = f(x) $ from the graph of $y = f(x)$. Then do 101, 102, 105, 107 WITHOUT a calculator. |
| 2.2 | 231 | NO DECIMALS 4, 8, 11, 12, 20, 24, 27, 35, 38, 39, 41, 44, 46, 47, 50, 52-54, 110, 111, 115-121. |
| 2.3 | 247 | 3, 5, 7, 9, 12-22 evens, 25, 30, 32, 34, 35, 37, 38, 40, 41, 42, 43, 45, 48, 49 50, 51, 53, 55, 56, 57, 60, 62, 63, 64 & 66 skip graphs, 72-79. Beware of Holes |
| 2.4 | 257 | 6, 16, 28, 34, 36, 50, 54, 56, 60, 66, 68, 70, 78, 80, 98, 102, 103, 104, 110 |
| 2.5 | 273 | 2, 6, 10, 14, 18, 20, 22 (decimals okay), 26, 28, 29, 30, 32, 36, 46, 48, 50, 60, 61 |
| 2.6 | 285 | 2, 4, 8, 9, 10, 12, 16, 18, 19, 20, 28, 32, 36, 38, 40 (see Example 4 in the text), 63, 64, 66. |

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| 3.1 | 319 | 2&4 and 6&8 on same graph, 14, 18, 24, 26, 30, 32, 34, 36, 42, 46, 48, 50, 54, 56-64 even (graph these by using transformations!), 78, 84, 90, 92, 94, 95, 96, 103, 104. |
| 3.2 | 334 | 2, 4, 8, 12, 14, 23-34, 41-48, 50-74 even, 80, 84, 92, 93, 94, 96, 97, 99, 100, 101, 102, 103 |
| 3.5 | 368 | 2, 8, 10, 14, 16, 26, 28, 30, 36, 38 |
| 3.3 | 347 | 2, 4, 7, 9, 10, 11, 13, 14, 15, 17, 19, 20, 23, 24, 28, 32, 36-40. |
| 3.4 | 360 | 2, 3, 12, 16, 17, 18, 20, 21, 22, 23, 29, 51. (for supply and demand problems, read pp.63-64) |
| 4.1 | 396 | 2, 4, 6, 10, 12, 16, 18, 20, 22, 26, 28, 40, 42, 44, 46, 48, 54, 56, 62, 64, 65, 69, 71 |
| 4.2 | 407 | 2, 6, 7, 8, 10, 12, 24, 26 |
| 4.3 | 421 | 4, 10, 12, 14, 16, 20, 28, 30, 32, 34, 36, 48, 50, 55, 60, 62, 64, 74, 76, 80, 84, 88, 94, 102. |
| 4.4 | 433 | 2, 8, 14, 16, 18, 19, 20, 24, 33, 36, 38, 41, 50, 52, 54, 57, 60, 64. |
| 4.5 | 443 | 7, 8, 12, 14, 22, 24, 56 |