

Math U121 Fall-06 - Homework Problems

Sec.

1.1: Fraction/Number	pg 10: 21-26, 41-45 odd, 64, 69c, 70a, 71, 75
1.2: Exponenets/Radicals	pg 21: 1-5, 19-21, 27, 29, 38, 39, 41, 45-57 odd, 52, 65, 67, 70, 83, 85, 94
1.3: Alg Exprns-Factrng	pg 31: 1-9 odd, 14, 21, 27, 29, 31, 32, 35, 39, 43-63 odd, 50, 52, 56, 62, 83, 84, 113
1.4: Rational Exprns	pg 41: 7-21 odd, 22, 25-39 odd, 30, 51, 53, 55, 61, 73, 75, 77, 93
1.5: Slve Eqs Quadr frml	pg 55: 5-19 odd, 22, 23, 27, 29, 30, 37-47 odd, 48, 53-59 odd, 69-83 odd, 86, 95-101 odd, 107
1.6: Modeling/Word Prbl	pg 68: 17-22, 24, 52- 58
1.8: Coordinate Geom	pg 97: 3-9 odd, 13, 43, 46, 47, 49, 53, 57, 61, 71, 73, 77, 79
1.10 Lines	pg 120: 11-14, 17-21 odd, 41-49 odd, 61, 65, 68, 70, 72
1.11 Modeling Variation	pg 127: 1- 4, 8, 25, 27, 29, 38, 42
2.1: Functions	pg 155: 1-5, 7, 11, 13, 15, 21, 23, 29, 31, 35, 66, 69, 70, 71
2.2: Graphs	pg 167: 1, 3, 11, 13, 17, 23, 25, 26, 39, 41, 49, 53, 54, 83-86
2.3: Avg Rate of Change	pg 179: 1, 3, 13-21 odd, 16, 31-34
2.4: Transfrms of Funct.	pg 190: 11-20, 27, 29, 32, 53, 54
2.5: Quadr/Optimization	pg 201: 7, 9, 11, 19, 21, 23, 60- 63
2.6: Modeling w/ Qudrts	pg 212: 24, 27, 28
3.4: Complex Numbers	pg 289: 1-7 odd, 11, 13, 17, 19, 25, 27, 28, 31-35 odd, 41- 69 odd
3.5: Cmplx Zeros of Pol	pg 298: 1-13 odd, 19, 23-39 odd, 28, 67a
3.1: Graphs of Polynmls	pg 262: 1, 3, 11-19 odd, 23 25, 33, 35, 43, 45
4.1: Exponential Functns	pg 336: 1, 3, 5, 9, 15, 17, 39, 65, 66, 77-81
4.2: Logarithmic Functns	pg 349: 1, 2, 15, 19, 22, 33, 35
4.3: Laws of Log. Fcnctns	pg 356: 1, 3, 5, 13, 15, 39, 41
4.4: Solving Equations	List Formulas needed from sec 4.3      pg 366: 1-9 odd, 20, 23, 35-43 odd, 67-74
4.5: Exponential growth	pg 379: 1, 2, 7, 8, 14, 15, 17, 19, 21
6.1: Angle Measure	pg 474: 1, 3, 5, 8, 12, 13, 15, 19, 23, 49, 50, 51, 69, 70, 71, 72
6.2: Trig.Func./Rt Trngl.	pg 484: 1, 5, 9, 11, 15, 29, 31, 33, 45, 46, 53
7.4: Inverse Trig. Fnts	pg 557: 1ab, 2ab, 7a, 4a, 9, 11, 53, 54, 55
5.1: Unit Circle – Trig.	pg 406: 1, 3, 7, 9
5.3: Graphs of Trig. Fnc.	pg 429: 3, 5, 17, 19, 23, 29, 31, 39, 28, 32, 41, 44, 47, 48
9.1: Two equations –	pg 642: 1, 3, 5, 4, 9, 11, 12, 13, 17, 19, 21
9.2: Two linear eqtns	pg 649: 1, 2, 3, 5, 7, 9, 11, 21, 23, 22, 25, 50-55
9.3: Three lnr equations	pg 657: 5, 9, 10, 15- 20, 25, 27
9.4: Matrices (time ?)	pg 673: 15, 17, 19