

**Unit 1: Functions**

Lesson	Topic	Homework
1.0	Prerequisite skills (Refer to Prerequisite Skills Appendix p. 478-495)	p. 2 #1-15
1.1	Functions, Domain, and Range	p. 12 #C1, 1, 2*, 3abc, 4bc, 5, 6*, 7a, <b>8</b> , 9ab, 12a <b>bc</b> d, 17, 18 *Use Desmos to sketch graph
1.2	Functions and Function Notation	p. 22 #1ace, 3a, 11 + Handout
1.3A	Maximum or Minimum of a Quadratic Function – Completing the Square	p. 31 #C2, 1ace, 2bcef, 5-9, 11 ( <b>10</b> )
1.3B	Maximum or Minimum of a Quadratic Function – Partial Factoring	p. 31 #3 + Handout
1.4A	Working with Radicals	p. 39 #1-3, 4bdf, 5bdf, 6bcde, 7ab, 8ad, 9acd, 11, 13, 14, 16a
1.4B	Working with Radicals – Extend	p. 39 #7cdef, 8bc, 12, 15, 16, 17, 20 + Handout
1.5A	Factoring	Handout
1.5B	Solve Quadratic Equations	p. 49 #C1, C3, 1cdf, 3bdf, 5c, 6abc, 7, 8, 12, 13a, 15, 16, 17, 2
1.6	Determining a Quadratic Equation given its roots (supplement with word problems)	p. 57 #C3, 3ac, 4ac, 5, 6ab, 7, 8a, 11c, 15, 18, 20
1.7	Solving Linear and Quadratic Systems (add tangent)	p.67 #C1,C2,1ac,3ab,5ab,7,8,10,15, 16,19
	Review	p.70 Review p.72 Practice Test

**Test Date:**