

Unit 2: Quadratics

MM1	make connections between the numeric, graphical, and algebraic representations of quadratic relations, and use the connections to solve problems
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Lesson	Topic	Practice Work
2.1	Modeling Quadratics Expressions	p. 174 #2-6 Handout #1-6 p. 177 #7,10
2.2	Interpreting Meaningful Values Given Real world Quad Graphs	Handout
2.3	Investigate roles of a, h, k given $y=a(x-h)^2+k$	Handout
2.4A	Graphing in Vertex Form	Handout
2.4B	More Graphing in Vertex Form	p. 212 1, 2a-e (do not graph) Handout 3.4B graphing
2.4C	Finding equations in Vertex form	Handout
	Quest Vertex Form	
	Task 1	
2.5/2.6	Expanding Binomials/ Vertex to Standard form	p. 232 #1bc, 3bc, 4,7,8cd, 10, p. 239 #1d, 2d, 3-7cf, 11, 14 P. 245 #1ac, 2ac, 3ac, 4ac, 6, 7ab, 8
2.7	Factoring Trinomials in the form x^2+bx+c with algebra tiles and Algebra	Handout p. 253 #2ac, 3eg, 5, 6-7ac, 8ace,11
2.8	Factoring Trinomials in the form ax^2+bx+c where a is the common factor	p. 259 #1-6eoo (check using back of book), 7, 8a b ,9a, 15
2.9	Investigate Factors of Quadratics and the x-intercepts of the graph	p. 272 #2, 3-5 bdf
2.10	Real World Problem Solving using Graphing and Factoring	Handout p. 272 graph #3b,4c,5a Do #8ab, 9, 10, 11
	Review	
	Quest 2 Standard form and Factoring	
	Task 2	