

Unit 3: Quadratic Relations

Q1/Q2: Determine the basic properties of quadratics relations. Relate transformations of the graph of $y = x^2$ to the algebraic representation $y = a(x - h)^2 + k$.

#	Topic	Homework
3.1	Investigating Non-Linear Relationships	p. 166 #3,4,7
3.2	Quadratic Relations	p. 172 ##1,2,3 (by hand) p. 172 #5,6 (with technology)
3.3A	Investigating Transformations – Day 1	p. 178 #2,3,6,7,9
3.3B	Investigating Transformations – Day 2	p. 178 #C2,4,8,13,14
3.4	Graphing: Vertex Form	p. 185 #C3,1-7
Work Period	Practice: Graphing	Handout “Graphing Quadratics ...”
3.5	Applications: Vertex Form	p. 186 #10-15
3.6	Graphing: Factored Form	Basic: p.192 #3,5 Regular: p.192 #4,7,8,10,11 Challenge: p. 193 #13
3.7	Negative and Zero Exponents	Basic : p.199 #1,2 Regular: p.199 #3,4,5,11 Challenge: p. 199 #8
	Review	p.202 #1-10 p.204 #1-11
	Test	

Test Date: _____