

Unit 5: Quadratic Equations

Q3/4: Solve quadratic equations and interpret the solutions with respect to the corresponding relations. Solve problems involving quadratic relations.

#	Topic	Check Your Understanding
5.1	Investigate Solutions to Quadratics *Desmos	Complete Investigation Handout
5.2	Solving from Factored Form	Set 1: Handout 5.2 #1, 2, 3abc, 4af, 5ae, 6a, 7a Set 2: Handout 5.2 #2, 3, 5, 6ace, 7abe
5.3	Solving by Factoring	Set 1: p.279 #2cfg, 3def, 4bdf, 5bdf Set 2: p.279 #2cfg, 3def, 5bdf, 6b, 7, 12
5.4	Solving from Vertex Form	Set 1: Handout 5.4 #1, 3, 5, 6, 8, 10 Set 2: Handout 5.4 #7, 8, 9, 10, 11, 12
5.5A	Completing the Square I	Set 1: p.270 #2ace, 3aceg, 4ac, 6a Set 2: p.270 #2ace, 3aceg, 4abcd, 6ab
5.5B	Completing the Square II	Set 1: p.271 #7ace, 8ace, 10ace Set 2: p.271 #7ae, 8de, 10ac, 11ab, 17ab
5.6	Solving by Completing the Square	Set 1: Handout 5.6 #1, 2abc Set 2: Handout 5.6 #1ab, 2def, 3abcd
5.7	The Quadratic Formula	Set 1: p.300 #1abcdef, 2abcdef Set 2: p.300 #2abcdef, 9abcdef
5.8	The Discriminant	Set 1: Handout 5.8 #1ace, 2ace, 3abcd, 4ab, 5abc Set 2: Handout 5.8 #1ace, 3abcd, 5abc, 6, 8
5.9	Solving Quadratic Equations-Mixed	Set 1: Handout 5.9 #1abc, 2abc, 3def, 4abc Set 2: Handout 5.9 #2abc, 3def, 4abc, 5ace
5.10	Applications of Quadratic Functions	Set 1: p.301 #6, 7, 10, 11 Set 2: p.301 #6, 11, 12, 15
5.11	Quadratics Review: Putting it All Together	Set 1: p. 320 #3, 4, 15af, 16ace, 17ace Set 2: p. 320 #3, 4, 15af, 16ace, 17ace
	Review	p. 316 #1, 2, 4, 5, 7, 8, 9, 10, 11 p.318 #1-16

Test Date: _____