

Quadratic Functions (Unit 4) Planner

Name: _____

Period: _____

		Student Objectives:	Assignment:	Date:
Skill Targets "What can I demonstrate?"		I can multiply monomials. (A-APR 1)	Handout	Tues., Feb. 2
		I can multiply monomials and binomials. (A-APR 1)	Handout	Wed., Feb. 3
		I can multiply binomials. (A-APR 1)	Handout	Thur., Feb. 4
		I can multiply special binomials. (A-APR 1)	Handout	Fri., Feb. 5
		I can multiply polynomials. (A-APR 1)	Handout	Mon., Feb. 8
		I can graph quadratic functions in vertex form. (F-IF 7a)	Handout	Tues., Feb. 9
		I can graph quadratic functions in standard form. (F-IF 7a)	Handout	Wed., Feb. 10
		I can find quadratic functions in vertex form and standard form from graphs. (F-IF 4)	Handout	Tues., Feb. 16
		I can find quadratic functions in vertex form and standard form from graphs. (F-IF 4)	Handout	Wed., Feb. 17
		I can graph quadratic functions to find the roots. (F-IF 7a)	Handout	Thur., Feb. 18
		I can factor quadratic functions to find the roots. (A-SSE 3a, A-REI 4b, F-IF.8.a)	Handout	Fri., Feb. 19
		I can factor special quadratic functions to find the roots. (A-SSE 3a, A-REI 4b, F-IF.8.a)	Handout	Mon., Feb. 22
		I can solve word problems by factoring quadratic functions. (A-SSE 3a, A-REI 4b, F-IF.8.a)	Handout	Tues., Feb. 23
		I can factor quadratic functions with the X-Game to find the roots. (A-SSE 3a, A-REI 4b, F-IF.8.a)	Handout	Fri., Feb. 26
		I can solve word problems by using the X-Game to factor quadratic functions. (A-SSE 3a, A-REI 4b, F-IF.8.a)	Handout	Mon., Feb. 29
		I can find the discriminant of a quadratic function.	Handout	Tues., Mar. 1
		I can find the roots of a quadratic function using the quadratic formula. (A-REI 4b)	Handout	Fri., Mar. 4
		I can find the roots of a quadratic function using the quadratic formula. (A-REI 4b)	Handout	Mon., Mar. 7
	I can solve word problems using the quadratic formula. (A-REI 4b)	Handout	Tues., Mar. 8	

Assessments:

Quizzes: Friday, Feb. 12, 2016

Tests: Thursday, Feb. 25, 2016 and Thursday, March 10

$$f(x) = (x + 4)^2 - 5$$

$$f(x) = x^2 - 7x - 60$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

