

Name: \_\_\_\_\_

Period: \_\_\_\_\_

## Algebra 2

## Chapter 4: Quadratic Functions and Relations

Targets	Learning Targets	Got it	Ok	No way
T 4-1	I can find and interpret maximum and minimum values by graphing a quadratic.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T 4-2	I can determine how many solutions a function has and find the value of those solutions/roots/zeros by graphing a quadratic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T 4-3	I can find the roots/solutions/zeros by factoring a quadratic.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T 4-4	I can perform algebraic operations to complex numbers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T 4-5	I can complete the square and find the roots/solutions/zeros for a quadratic.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
T 4-6	I can find the roots/solutions/zeros using the quadratic formula for a quadratic.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Date	Lesson/Activity	Homework Assignment o = only do odd problems	Turned In?
	Syllabus Day 1 Review Activity	Syllabus Review Worksheet	
<b>T 4-1</b>	4.1 Graphing Quadratic Functions	Graphing Worksheet	
<b>T 4-2</b>	4.2 Solving Quadratic Equations by Graphing	Solve by Graphing Worksheet	
<b>T 4-3</b>	4.3 Solve Quadratics by Factoring when $a = 1$ <b>DAY 1</b>	Factoring Worksheet	
	4.3 Solving Quadratics by Factoring when $a > 1$ <b>DAY 2</b>	Factoring Worksheet	
<b>T 4-4</b>	4.4 Complex Numbers	4.4 Pg. 250 #19-59o, 60	
<b>T 4-5</b>	4.5 Completing the Square	Worksheet & 4.5 Pg. 260 #58,60	
<b>T 4-6</b>	4.6 The Quadratic Formula and the Discriminant	4.6 Pg. 270 #15-31o, 33, 34, 43	
<b>All</b>	Chapter 4 Review	ART	
	Chapter 4 Test	All homework must be turned in before test to be eligible for retakes	