

# ALGEBRA 1 PREVIEW OPPORTUNITY

## Unit 10 – Quadratic Expressions

Lesson Day	Date to Complete	Support Videos	DeltaMath Practice Sets
Day 1: Classifying Polynomials  <a href="#">Class Notes</a>	Monday 4/13	<a href="#">What is a Polynomial?</a> (4:24)	none
		<a href="#">Rewriting in Standard Form</a> (4:16)	○ Rewrite Polynomials in Standard Form
	Wednesday 4/15	<a href="#">Classifying Polynomials</a> (3:55) <a href="#">Classifying Examples</a> (5:00)	○ Polynomial Vocabulary
Day 2: Adding and Subtracting Polynomials  <a href="#">Class Notes</a>	Monday 4/20	<a href="#">Adding Polynomials</a> (4:29) <a href="#">Subtracting Polynomials</a> (7:11)	○ Adding and Subtracting Polynomials
Day 3: Multiplying Polynomials  <a href="#">Class Notes</a>	Wednesday 4/22 & Monday 4/27	<a href="#">Multiplying Polynomials</a> (3:58) (Distributive Method)  <a href="#">Multiplying Polynomials</a> (5:35) (Area Model)  <a href="#">Extra Multiplying Example Problems</a> (4:50)  *You do not need to know both methods above. <b>Pick the one</b> that makes more sense to you*	○ The Distributive Property (Level 2) ○ Multiply Binomials ( $a = 1$ ) ○ Multiply Binomials ○ Multiply Polynomials (Level 1)
Day 4: Intro to Factoring  <a href="#">Class Notes</a>	Wednesday 4/29 & Monday 5/4	<a href="#">Intro to Factoring</a> (3:25)  <a href="#">Understanding Parts of a Trinomial</a> (6:00)	○ Distribute for the Middle Term
		<a href="#">Completing X Boxes</a> (7:13)	○ The X Game (Level 1) ○ The X Game (Level 2) ○ The X Game (Level 3)
Day 5: Factoring ++ Trinomials  <a href="#">Class Notes</a>	Wednesday 5/6	<a href="#">Factoring ++</a> (7:52)  <a href="#">Factoring ++ Extra Examples</a> (4:26)	○ Factoring Trinomials ( $a > 1$ ) Level 1

<p>Day 6 Factoring -+ Trinomials</p> <p><a href="#">Class Notes</a></p> <p>Day 7 Factoring -- &amp; +- Trinomials</p> <p><a href="#">Class Notes</a></p>	<p>Monday 5/11 Wednesday 5/13 Monday 5/18</p>	<p><a href="#">Understanding Factoring -+</a> (6:02)</p> <p><a href="#">Factoring -+ Examples</a> (5:54)</p> <p><a href="#">Understanding Factoring -- &amp; +-</a> (7:16)</p> <p><a href="#">Factoring -- &amp; +- Examples</a> (8:41)</p>	<ul style="list-style-type: none"> <li>○ Factor Trinomials (<math>a = 1</math>)</li> <li>○ Factor Trinomials (<math>a &gt; 1</math>) Level 2</li> <li>○ Factor Trinomials (<math>a &gt; 1</math>) Level 3</li> </ul>
<p>Day 8 Special Types of Factoring</p> <p>Class Notes</p>	<p>Wednesday 5/20 Wednesday 5/27</p>		<ul style="list-style-type: none"> <li>○ Greatest Common Factor</li> <li>○ Difference of Perfect Squares</li> </ul>