

Name: Reeck		Grading Quarter: 2	Week Beginning: October 28th
School Year: 2024-2025		Subject: Algebra 2	
Monday	Notes:	<p>Objective: Students will understand GCFs and how to factor out the greatest common factors of variables and integers.</p> <p>Bellwork: Multiply $3x \cdot 2x$, Multiply $x \cdot x \cdot x \cdot x$, Multiply $4 \cdot x$, Multiply $4 \cdot 3 \cdot 2$, then $3 \cdot 2 \cdot 4$, Now multiply $x \cdot y \cdot z$</p> <p>Assignment: Worksheet Greatest common factors</p>	Academic Standards: N.CN.7, N.CN.8, F.IF.8A
Tuesday	Notes:	<p>Objective: Students will demonstrate an understanding of how to factor trinomials by completing the worksheet.</p> <p>Bellwork: ACT problems multiply $(x - 2)(x + 3)$, $(2x + 3)(3x - 4)$</p> <p>Assignment: Worksheet on multiplying and factoring binomials</p>	Academic Standards: N.CN.7, N.CN.8, F.IF.8A
Wednesday	Notes:	<p>Objective: Students will understand how to factor trinomials when $a = 1$ by completing the worksheet.</p> <p>Bellwork: Find two numbers whose product is 54 and sum is -15 Find two numbers whose product is -21 and sum is -4 Find two numbers whose product is 12 and sum is 8 Find two numbers whose product is -36 and sum is 0</p> <p>Assignment: Worksheet</p> <p>Quiz? Graph a quadratic</p>	Academic Standards: N.CN.7, N.CN.8, F.IF.8A
Thursday	Notes:	<p>Objective: Students will learn about factoring by grouping by completing a worksheet.</p> <p>Bellwork: Find the vertex of the following quadratic equation: $2x^2 + 8x - 12$</p> <p>Worksheet: Factoring by grouping</p>	Academic Standards: N.CN.7, N.CN.8, F.IF.8A

Friday	Notes:	<p>Objective: Students will review factoring by completing a factoring assignment in Aleks</p> <p>Bellwork: Get out computers</p> <p>Assignment: Aleks - Factoring</p>	<p>Academic Standards: N.CN.7, N.CN.8, F.IF.8A</p>
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