

Name: Reeck		Grading Quarter: 3	Week Beginning: January 13th
School Year: 2024-2025		Subject: Algebra 2	
Monday	Notes:	<p>Objective: Students will be introduced to strategies for dividing polynomials by reviewing fraction principles.</p> <p>Bellwork: Describe the difference in the two expressions using written words:</p> $\frac{9x - 6}{3} \quad \text{And} \quad \frac{9x \cdot 6}{3}$ <p>Assignment: Handout from last week 35-44</p>	Academic Standards:
	Notes:	<p>Objective: Students will begin to understand the ability to factor and cancel when they see a division problem with rational expressions.</p> <p>Bellwork: Factor the following:</p> $x^2 + 4x - 12$ $3x^2 - 3x$ <p>Assignment: Handout rational polynomials</p>	Academic Standards: N.CN.7, N.CN.8, F.IF.8A
	Notes:	<p>Objective: Students will do sample ACT questions to work on problem solving strategies.</p> <p>Bellwork: Plug in numbers for the graph. $f(x) = 4x - 1$</p> <p>Assignment: ACT problems</p>	Academic Standards: N.CN.7, N.CN.8, F.IF.8A

Thursday	Notes:	<p>Objective: Students will try long division for polynomials.</p> <p>Bellwork: divide 36729 by 5 using long division... yes, the long division you learned in elementary school! Then, write a step-by-step process for how you did it.</p> <p>Assignment: Long dividing polynomials</p>	<p>Academic Standards: N.CN.7, N.CN.8, F.IF.8A</p>
Friday	Notes:	<p>Objective: Students will review different ideas behind dividing polynomials: cancelling, factor and cancel, long divide.</p> <p>Bellwork: Start on the handout.</p> <p>Assignment: Work on knowing when to use each strategy of division.</p>	<p>Academic Standards: N.CN.7, N.CN.8, F.IF.8A</p>