

Name: Reeck		Grading Quarter: 3	February 3rd
School Year: 2024-2025		Subject: Algebra 2	
Monday	Notes:	Objective: Students will understand the shape of square root functions by graphing them... Bellwork: Graph $f(x) = \sqrt{x}$ Assignment: Graphing square root functions	Academic Standards: N.CN.7, N.CN.8, F.IF.8A
Tuesday	Notes:	Objective: Students will be introduced to imaginary numbers by completing a worksheet that addresses breaking down square roots. Bellwork: What is the solution to $\sqrt{2x - 4}$ Lesson: Review the operations with functions. Multiplying, adding, subtracting. What happens when square roots are negative. Assignment: Square roots with negative numbers. Simplifying square roots.	Academic Standards: N.CN.7, N.CN.8, F.IF.8A
Wednesday	Notes:	Objective: Students will do sample ACT questions to work on problem solving strategies. Bellwork: Get out ACT sheets from last week. Discuss: ACT problems from before. Review. Assignment: New ACT problems	Academic Standards: N.CN.7, N.CN.8, F.IF.8A
Thursday	Notes:	Objective: Students will do multiplication with complex numbers. Bellwork: Multiply $(3x + 2)(3x - 2)$ Assignment: Complex number multiplication.	Academic Standards: N.CN.7, N.CN.8, F.IF.8A

Friday	Notes:	<p>Objective: Students will do multiplication with complex numbers.</p> <p>Bellwork: Multiply $(3x + 2)(3x - 2)$</p> <p>Assignment: Complex number multiplication.</p>	<p>Academic Standards:</p> <p>N.CN.7, N.CN.8, F.IF.8A</p>
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