

Michael Granillo		1 st Quarter	Week Beginning: September 11 - 15
School Year: 2023-24		Subject: Algebra 2H	
Monday	Notes:	Objective: Students will solve equations by factoring, and then apply that to solving real-world problems. Lesson Overview: 3.4 - We will review the zero-product property. Students will then solve quadratics with $b=0$, $c=0$ by factoring. Assignment: pg. 171 (2-32 even)	Academic Standards: N.CN.7 N.CN.8 F.IF.8a
Tuesday	Notes:	Objective: Students will be introduced to completing the square and how it applies to quadratic functions. Lesson Overview: 3.5 - Students will learn how to complete the square in two different situations and then apply that to real-world problems	Academic Standards: N.CN.7 F.IF.8a
Wednesday	Notes:	Objective: Students will perform all 4 operations on imaginary and complex numbers. Lesson Overview: 3.6 - Students will be introduced to the Quadratic Formula. We will do many examples where there is one and two unique solutions, but also look at conditions that lead to complex solutions, and infinitely many solutions.	Academic Standards: N.CN.7 A.SSE.1b
Thursday	Notes:	Objective: Students will apply what they have learned about quadratic equations to quadratic inequalities. Lesson Overview: 3.7 - We will do some jigsaw work as groups will be given different types of inequalities to solve or graph, and then take those back to a different group and share what they learned.	Academic Standards: A.CED.1 A.CED.3
Friday	Notes:	Objective: Students will solve systems of equations involving linear and non-linear equations. Lesson Overview: 3.8 - We will look at several different types of systems of equations and determine the best method to solve them, graphing or substitution.	Academic Standards: A.REI.11