

Secondary Math 2: Quarter 3 Syllabus

Section	Assignment	Learning Targets	Confidence
Unit 6 – Polynomials			
Essential Standard: I can multiply polynomials.			
6-1 Adding & Subtracting Polynomials	HW 6-1	6-1a: I can add polynomials. 6-1b: I can subtract polynomials.	1 2 3 4 1 2 3 4
6-2 Multiplying Monomials	HW 6-2	6-2a: I can distribute a monomial to a polynomial. 6-2b: I can multiply monomials.	1 2 3 4
6-3 Multiplying Binomials	HW 6-3	6-3: I can multiply two binomials. 6-3b: I can square a binomial.	1 2 3 4 1 2 3 4
6-4 Multiplying Trinomials	HW 6-4	6-4a: I can multiply trinomials. 6-4b: I can classify polynomials.	1 2 3 4 1 2 3 4
Review and Test			
Unit 7 – Factoring			
Essential Standard: I can factor polynomials.			
7-1 Greatest Common Factor	HW 7-1	7-1a: I can factor a greatest common monomial factor out of a polynomial. 7-1b: I can factor a greatest common binomial factor out of a polynomial.	1 2 3 4 1 2 3 4
7-2 Factoring by Grouping	HW 7-2	7-2: I can factor a polynomial by grouping.	1 2 3 4
7-3 Factoring Quadratics	HW 7-3	7-3: I can factor a quadratic trinomial into a product of two binomials.	1 2 3 4
7-4 More Factoring Quadratics	HW 7-4	7-4: I can factor a quadratic trinomial into a product of two binomials.	1 2 3 4
7-5 Factoring Polynomials	HW 7-5	7-5: I can determine the best method to factor a polynomial and do it.	1 2 3 4
Review and Test			
Unit 8 – Solving Quadratics			
Essential Standard: I can solve quadratic equations.			
8-1 Solving Quadratic Equations by Factoring	HW 8-1	8-1: I can solve quadratic equations by factoring and using the Zero Product Property.	1 2 3 4
8-2 Solving Quadratic Equations with the Quadratic Formula	HW 8-2	8-2: I can solve quadratic equations using the Quadratic Formula.	1 2 3 4
8-3 Simplifying Radicals & Complex Numbers	HW 8-3	8-3a: I can solve simple quadratic equations by taking the square root of both sides. 8-3b: I can simplify square roots of negative numbers.	1 2 3 4
8-4 Quadratic Formula with Complex Solutions	HW 8-4	8-4: I can solve quadratic equations using the Quadratic Formula when the solutions are complex numbers.	1 2 3 4
8-5 Building Equations from Zeros	HW 8-5	8-5: I can write a quadratic function given the zeros of the function.	1 2 3 4
8-6 Quadratic Equations in Context	HW 8-6	8-6: I can solve real life problems with quadratic equations	1 2 3 4
Review and Test			