

Secondary 3 Honors Quarter 3 Syllabus

Section	Assignment	Objectives	Confidence
Unit 7			
7-1 Polynomial Operations	HW 7-1	7-1a: I can perform operations including addition, subtraction, and multiplication	1 2 3 4
7-2 Binomial Theorem	HW 7-2	7-2a: I can use the binomial theorem to expand binomials	1 2 3 4
		7-2b: I can use the binomial theorem to find the specified term of a given binomial	1 2 3 4
7-3 Factoring Polynomials	HW 7-3	7-3a: I can factor a polynomial by GCF, special factoring, and grouping	1 2 3 4
7-4 Dividing Polynomials	HW 7-4	7-4a: I can divide using synthetic division	1 2 3 4
		7-4b: I can divide using long division	1 2 3 4
Unit Assessment 7			
Unit 8			
8-1 Zeros of a Polynomials	HW 8-1	8-1a: I can find the zeros of a polynomial using the factor theorem, remainder theorem, or rational root theorem	1 2 3 4
8-2 Graphing Polynomials	HW 8-2	8-2a: I can graph a polynomial function by hand and using technology	1 2 3 4
		8-2b: I can determine end behavior	1 2 3 4
		8-2c: I can identify zeros, x-intercepts, and factors	1 2 3 4
		8-2d: I can find the multiplicity from a graph and equation	1 2 3 4
8-3 Graphing from Standard Form	HW 8-3	8-3a: I can find the zeros, degree, and multiplicity	1 2 3 4
		8-3b: I can use the above attributes to graph a polynomial by hand	1 2 3 4
		8-3c: I can analyze a polynomial function	1 2 3 4
Unit Assessment 8			
Unit 9			
9-1 Solving Inequalities	HW 9-1	9-1a: I can find the zeros of a polynomial inequality	1 2 3 4
		9-1b: I can use a sign chart and technology to solve a polynomial inequality	1 2 3 4
9-2 Complex Numbers	HW 9-2	9-2a: I can identify the parts of a complex number	1 2 3 4
		9-2b: I can add, subtract, and multiply complex numbers	1 2 3 4
		9-2c: I can find the conjugate of a complex number	1 2 3 4
9-3 Complex Zeros	HW 9-3	9-3a: I can find all the zeros of a polynomial including real and non-real zeros	1 2 3 4
Unit Assessment 9			
Review			
Final Assessment			