

Algebra II Unit 4 HW Syllabus*

Day	Date	Description	Homework
1		Exponent Properties Introduction to Polynomial Functions Polynomial Operations – <i>Addition and Subtraction</i>	<ul style="list-style-type: none"> Properties of Exponents WKST (1-3, 14, 19) Polynomials WKST (1-14)
2		Polynomial Operations - <i>Multiplication</i> Factoring Bootcamp 2 - <i>Sum and Difference of Cubes, Grouping, Quadratic Form</i>	<ul style="list-style-type: none"> p. 162 (18, 19, 25, 43, 47, 51) More Factoring Techniques WKST (odds)
3		Polynomial Operations – <i>Division, Synthetic Substitution</i> Review for Quiz	<ul style="list-style-type: none"> Polynomial Division WKST
4		Quiz – <i>Exponent Properties, Introduction to Polynomial Functions, Polynomial Operations, Factoring Polynomials</i> Solving Polynomial Equations By Factoring	<ul style="list-style-type: none"> Solving Polynomial Equations By Factoring WKST (1-10)
5		Solving Polynomial Equations By Factoring Cont. – <i>Writing Polynomial Equations Given Roots</i>	<ul style="list-style-type: none"> Solving Polynomial Equations By Factoring WKST (11-18)
6		Factor Theorem Introduction to the Rational Zero Theorem – <i>Listing Rational Zeros</i> Review for Quiz	<ul style="list-style-type: none"> Finding Zeros of Polynomials WKST 1
7		Quiz – <i>Solving By Factoring, Factor Theorem, Rational Zero Theorem</i> Solving Polynomial Equations - <i>Rational Zero Theorem</i>	<ul style="list-style-type: none"> Finding Zeros of Polynomials WKST 2
8		Solving Polynomial Equations Cont. - <i>Rational Zero Theorem, Complex Conjugate Theorem</i> Review for Quiz	<ul style="list-style-type: none"> Finding Zeros of Polynomials WKST 3
9		Quiz – <i>Solving by Factoring and RZT</i> Review for Test	<ul style="list-style-type: none"> Unit 4 Review WKST
10		Unit 4 Test	<ul style="list-style-type: none"> Midterm Review

