

Polynomials: Unit Schedule

When			Topics/Student Objectives
2/26	Friday	1	Dividing Polynomials Divide a polynomial expression by another polynomial using synthetic division.
3/2	Monday	2	Remainder Theorem Use the Remainder Theorem to find factors of polynomials. Use the Remainder Theorem to determine if a polynomial is a factor of another polynomial. Fundamental Theorem of Algebra Determine the maximum number of roots for a given polynomial
3/3	Tuesday		ACT TESTING
3/4	Wednesday	3	QUIZ – Polynomial Division. Factoring Special Cases Recognize and be able to factor difference of squares and sum/difference of cubes.
3/5	Thursday	4	Solve for all Roots Use the graphing calculator, polynomial division and the quadratic formula to find all roots for a given polynomial. Convert a polynomial function in standard form to factor form by finding all roots.
3/6	Friday	5	Binomial Expansion Use Pascal’s Triangle and the Binomial Expansion Theorem to rewrite binomial expressions raised to a power in expanded form. Use Pascal’s Triangle and the Binomial Expansion Theorem to find specific terms of a binomial expansion.
3/9	Monday	6	QUIZ – Solve for all Roots Modeling with Polynomials Using a graphing calculator, determine the model of best fit for a set of data. Make predictions based on the selected model for given parameters.
3/10	Tuesday	7	Review
3/11	Wednesday	8	UNIT TEST