

Polynomials: Unit Schedule

When			Topics/Student Objectives
9/22	Monday	1	Dividing Polynomials Write a polynomial expression from its roots. Divide a polynomial expression by another polynomial using long division. Divide a polynomial expression by another polynomial using synthetic division.
9/23	Tuesday	2	Dividing Polynomials, continued Practice both methods of polynomial division.
9/24	Wednesday	3	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.
9/25	Thursday	4	QUIZ – Polynomial Division. 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.
9/26	Friday	5	1st Period - Mid Quarter Review 3rd and 4th Period 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.
9/29	Monday	6	1st Period - Mid Quarter Cumulative Test 3rd Period, Binomial Expansion Continued 4th Period, Binomial Expansion Continued
9/30	Tuesday	7	1st Period 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. 3rd Period, Mid Quarter Review 4th Period, Special Cases and Modeling
10/01	Wednesday	8	1st Period - Binomial Expansion Continued 3rd Period - Mid Quarter Cumulative Exam 4th Period – Mid Quarter Review
10/02	Thursday	9	1st Period – Special Cases and Modeling 3rd Period – Special Cases and Modeling 4th Period - Mid Quarter Cumulative Exam
10/03	Friday	10	QUIZ – Solve for all Roots and Binomial Expansion Finish Special Cases and Modeling Worksheet due for grade