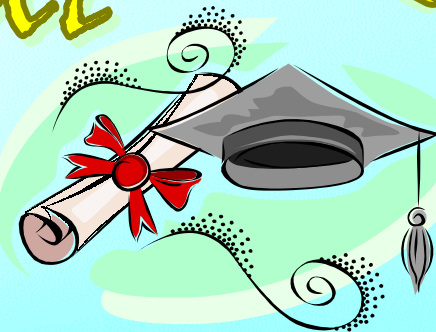


Mr. B's Algebra Connections

Polynomial P.H.D.

Fall 2005



Polynomial in “x.” A finite sum of terms of the form ax^n , where “a” is a real number and “n” is a whole number

Monomial. A polynomial with one term.

Binomial. A polynomial with two terms.

Trinomial. A polynomial with three terms.

Degree of a Term. Exponent on the variable.

Degree of a Polynomial. The greatest degree of any term of the polynomial.

Adding Polynomials. Remove parentheses, then combine like terms.

Subtracting Polynomials. Change signs of terms in second polynomial, then add.

Multiplying Polynomials. Multiply each term of one polynomial by each term of the other polynomial, then combine like terms

Dividing Polynomial by a Monomial. Rewrite each term of the numerator on the common denominator (monomial), then simplify each term.