Polynomial: an expression or an equation formed by the sum of "same-base" powers.

$$y = 7x^3 - 3x^2 + 6x + 1$$

Terms of a polynomial: the individual powers that are being added or subtracted.

Example Polynomial equation: $0 = 3x^4 - 2x^3 + x^2 - 5x + 1$

Example Polynomial expression: $7x^3 - 3x^2 + 6x + 1$

Degree of a Polynomial: the largest exponent of the polynomial.

Standard form Polynomial: is written so the powers become smaller from left to right. $4x^5 - 2x^3 + 3x - 5$