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Polynomials  
Polynomial is the sum of one or more terms in the form  $ax^n$  where  $a$  is a real number and  $n$  is a whole number.  
Standard form expresses the polynomial terms in descending order by their degree, or highest exponent value.  
 $2x^3 + 7x - 1$

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A polynomial in standard form will be in the form  
 $a_n x^n + a_{n-1} x^{n-1} + a_{n-2} x^{n-2} + \dots + a_2 x^2 + a_1 x + a_0$   
 $a_n \neq 0$ ,  $a_n$  is the leading coefficient  
 $a_0$  is the constant term

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