

Converting Words to Mathematics

Sum, Greater Than	+ (add)
Difference, Less Than	- (subtract)
Product, of	x (multiply)
Quotient, ratio, per	/ (divide or fraction)
Any form of the verb TO BE (is, will be, was)	=
Results in	=
Variable	a letter such as x or y
Constant	a number
Leading coefficient	the number on the highest exponent in equation
Degree of a Polynomial	the highest exponent value of all the variables in an equation
Square, squared	put an exponent of 2 (x^2)
Cubed	put an exponent of 3 (x^3)
Square root	put the variable or number under the $\sqrt{\quad}$
Cube root	put the variable or number under the $\sqrt[3]{\quad}$
Function	each x value has only one y value (satisfies vertical line test)
One-to-one function	satisfies vertical and horizontal line tests
Abscissa	x value
Ordinate	y value
Origin	(0,0)
Domain	where the x values exist in a function from lowest to highest
Range	where the y values exist in a function from lowest to highest
Monomial	has one term
Binomial	has two terms
Polynomial	has more than two terms ("poly" means "many")