

Math 9
Polynomial Vocabulary Sort

Vocabulary	Definition	Example
1. Polynomial	one term or the sum of terms whose variable have whole-number exponents	$2x$, $4x^2+3$, $a + b^2 - c^3 + d^4$
2. Term	a number, variable, or the product of numbers and variables	$2x$, $4x^2$, 3 $-12abc$
3. Coefficient	the numerical factor of a term	$\overbrace{3}^{\uparrow}x$, $\overbrace{-4}^{\uparrow}y^2$
4. Constant Term	the number in an expression or equation that does not change	$2x + \overbrace{7}^{\uparrow}$, $x - \overbrace{7}^{\uparrow}$
5. Variable	a letter or symbol representing a quantity that can vary	\overbrace{x}^{\uparrow} , \overbrace{y}^{\uparrow} , $12\overbrace{a}^{\uparrow}$
6. Degree	the value of the greatest exponent of the term	$x^{\textcircled{2}} + 3x + 4$ \uparrow
7. Monomial	a polynomial with one term	$3x$, $4y$, $-17a$
8. Binomial	a polynomial with two terms	$3x + 4$, $12b^2 - a^2$
9. Trinomial	a polynomial with three terms	$x^2 + 3x + 4$, $3a^4 - 2b^4 + 1$
10. Like Terms	terms that have the same variables (and exponents)	$x \& x$, $y^2 \& y^2$
11. Unlike Term	terms that do not have the same variables (or exponents)	$x \& x^2$, $y \& x$
12. Zero Pair of Algebra Tiles	two opposite numbers whose sum is equal to zero	$\boxed{+} \& \boxed{-}$, $\boxed{\oplus} \& \boxed{\ominus}$