

## Vocabulary

### Background

Term	Definition	Spanish
Absolute Value	The distance of a number from zero on the number line. It is always positive.	el valor absoluto
Additive Inverse	The amount to be added to a number to get to zero (the additive identity).	el Inverso Aditivo
Algebraic Expression	A group of numbers, symbols, and variables that express an operation or a series of operations.	expresión algebraica
Associative Property	The total (sum or product) stays the same when the grouping of numbers or variables is changed.	propiedad asociativa
Commutative	The total (sum or product) stays the same when the order of the numbers is changed.	conmutativo
Difference	Answer to a subtraction problem.	la diferencia
Distributive Law	$a \cdot (b + c) = (a \cdot b) + (a \cdot c)$ and $a \cdot (b - c) = (a \cdot b) - (a \cdot c)$ where $a$ , $b$ , and $c$ stand for real numbers	la Ley Distributiva
Equation	A statement that two mathematical expressions are equal.	la ecuación
Expression	A variable or combination of variables, numbers, and symbols that represents a mathematical relationship.	la expresión
Formula	A general mathematical statement or rule.	la fórmula
Greater than	An operational symbol that indicates the left side of the relation is a greater amount than the right side.	más que
Inequality	A mathematical sentence that compares two unequal expressions using one of the symbols $>$ , $<$ , $\geq$ , $\leq$ , or $\neq$ .	la desigualdad
Integers	The set of whole numbers and their opposites. $\{ \dots, -3, -2, -1, 0, 1, 2, 3, \dots \}$	entero
Inverse Operations	An operation that is opposite of another operation, such as addition and subtraction or multiplication and division.	operaciones de inverso
Less than	An operational symbol that indicates the left side of the relation is a smaller amount than the right side.	menos que
Multiplicative Inverse	Reciprocal of a number. When a number is multiplied by its multiplicative inverse, the product is always one. Zero is the only number with no multiplicative inverse.	el Inverso Multiplicativo
Operation	Addition, subtraction, multiplication, division, raising to a power, and taking a root are mathematical operations.	Operación

## Vocabulary

### Background Continued

Term	Definition	Spanish
Order of Operations	Rules describing what sequence to use in evaluating expressions: (1) Evaluate within grouping symbols (2) Do powers or roots (3) Multiply or divide from left to right (4) Add or subtract from left to right	La orden de Operaciones
Product	The answer to a multiplication problem.	el producto
Quotient	The answer to a division problem.	el cociente
Sum	The answer to an addition problem.	la suma
Variable	(1) A quantity that changes or that can have different values. (2) A symbol, usually a letter, than can stand for a variable quantity.	la variable
Zero Property	The product of any number and zero is zero.	Ponga al Producto de cero

### Current

Term	Definition	Spanish
Boundary <i>Section 6.6</i>	Defining the beginning or end of a solution set for an inequality.	Frontera
Coefficient <i>Section 1.5</i>	Numerical factor of a term.	coeficiente
Compound Inequality <i>Section 6.4</i>	When multiple inequalities are compared.	Desigualdad compuesta
Equivalent Equation <i>Section 3.2</i>	When the same operation, with the same quantity, is performed to both sides of an equation. Equivalent equations have the same solution.	Ecuación equivalente
Formula <i>Section 3.1</i>	A general mathematical statement or rule.	la fórmula
Identity <i>Section 1.6</i>	The number that, when combined with an operation, gives what you started with: Additive identity is 0, multiplicative identity is 1.	la identidad
Like Terms <i>Section 1.5</i>	Terms that contain the same variables, with corresponding having the same power.	como términos
Literal Equation	When solving for one particular variable in an equation.	Ecuación literal
Simplest Form <i>Section 1.5</i>	An expression with no like terms or parentheses.	forma más sencilla
Term <i>Section 1.5</i>	A number, a variable, or a product or quotient of numbers and variables.	término