Vocabulary Flash Cards

Addition Property of Zero *Chapter 3*	**algebraic expression** *Chapter 3*
Associative Properties of Addition and Multiplication *Chapter 3*	**coefficient** *Chapter 3*
Commutative Properties of Addition and Multiplication *Chapter 3*	**constant** *Chapter 3*
Distributive Property *Chapter 3*	**equivalent expressions** *Chapter 3*

Vocabulary Flash Cards

An expression that contains numbers, operations, and one or more symbols $8 + x, 6 \times a - b$	The sum of any number and 0 is that number. $5 + 0 = 5$
The numerical factor of a term that contains a variable In the algebraic expression $6k + 8$, 6 is the coefficient of the term $6k$.	Changing the grouping of addends or factors does not change the sum or product. $(3 + 4) + 5 = 3 + (4 + 5)$ $(3 \bullet 4) \bullet 5 = 3 \bullet (4 \bullet 5)$
A term without a variable In the expression $2x + 8$, the term 8 is a constant.	Changing the order of addends or factors does not change the sum or product. $2 + 8 = 8 + 2$ $2 \bullet 8 = 8 \bullet 2$
Expressions with the same value $7 + 4, 4 + 7$	To multiply a sum or difference by a number, multiply each number in the sum or difference by the number outside the parentheses. Then evaluate. $3(12 + 9) = 3(12) + 3(9)$ $3(12 - 9) = 3(12) - 3(9)$

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factoring an expression *Chapter 3*	**like terms** *Chapter 3*
Multiplication Properties of Zero and One *Chapter 3*	**terms (of an algebraic expression)** *Chapter 3*
variable *Chapter 3*	

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Terms of an algebraic expression that have the same variables raised to the same exponents 4 and 8, $2x$ and $7x$	Writing a numerical expression or algebraic expression as a product of factors $5x - 15 = 5(x - 3)$
The parts of an algebraic expression The terms of $4x + 7$ are $4x$ and 7.	The product of any number and 0 is 0. The product of any number and 1 is that number. $5 \bullet 0 = 0$ $6 \bullet 1 = 6$
	A symbol that represents one or more numbers x is a variable in $2x + 1$.