

Grade 5 Math Vocabulary Words **Please note that there** are no vocabulary words for: **Topics 5, 6, 7, 13,**



expanded form	expanded form A way to write a number that shows the place value of each digit. <i>Example:</i> 3,000 + 500 + 60 + 2
Fold here	word form A way to write a number using words. example: The number 569 in word form is: <i>five hundred sixty nine</i>
equivalent decimals	equivalent decimals Decimals that name the same amount <i>Example:</i> 0.7 = 0.70

Commutative Property of Addition	Computative property of AdditionThe order of addends can be changed and the sum remains the same.Example: $3 + 7 = 7 + 3$
Associative Property of Addition	Associative Property of Addition Addends can be regrouped and the sum remains the same. Example: 1 + (3 + 5) = (1 + 3) + 5
compatible numbers	compatible numbers Numbers that are easy to compute mentally <i>Example:</i> 21 and 3 are compatible numbers in division because 21÷3=7



Commutative Property of Multiplication	Commutative Property of Multiplication	
	The order of factors can be changed and the product remains the same. <i>Example:</i> $3 \times 5 = 5 \times 3$	0
Associative Property of Multiplication	Associative Property of Multiplication	0
	Factors can be regrouped and the product remains the same. <i>Example:</i> $2 \times (4 \times 10) = (2 \times 4) \times 10$	
Identity Property of Multiplication	Identity Property of Multiplication The product of any number and 1 is that number. Examples: 567x1=567	
	56,986 x 1=56,986	

	Zero Property of Multiplication
Zero Property of Multiplication	The product of any number and 0 is 0.
	Examples: 567x0=0
	56,986 x 0=0
	factors
factors Page Page Page Page Page Page Page Page	Numbers that are multiplied to get a product (answer for multiplication) $3x^2 = 6$
	These are This is the the factors product. of 6.
	product
product	The number that is the result (answer) of multiplying two or more factors
	$3 \times 2 = 6$ 1×2 These are the factors product. of 6.



exponential notation	exponential notation A way to write a number using a base and an exponent $2 \times 2 = 2^2 = 4$ $2 \times 2 \times 2 = 2^3 = 8$ $2 \times 2 \times 2 \times 2 = 2^4 = 16$ $2 \times 2 \times 2 \times 2 \times 2 = 2^5 = 32$ $2 \times 2 \times 2 \times 2 \times 2 \times 2 = 2^5 = 32$ $2 \times 2 \times 2 \times 2 \times 2 \times 2 = 2^5 = 128$
expanded form (exponents)	expanded form (exponents) A way to write a number involving exponents that show the base as a factor $3^5 \div 9^2 =$ $(3 \times 3 \times 3 \times 3 \times 3) \div (9 \times 9)$ $= 243 \div 81$ = 3
standard form	standard form A common way of writing a number with commas separating groups of three digits starting from the right <i>Example:</i> 3,458



partial products	partial products Products found by breaking one of two factors into ones, tens, hundreds, and so on, and then multiplying each of these by the other factor $400 \times 3 = 1,200$ $30 \times 3 = 90$ $+ 2 \times 3 = 6$ $432 \times 3 = 1,296$
base (in arithmetic)	base (in arithmetic) The number that is multiplied by itself when raised to a power <i>Example:</i> In 5 ³ , the 5 is the base.
exponent	exponent A number that tellshow many times the base isused as a factor <i>Example:</i> $10^3 = 10 \times 10 \times 10;$ the exponent is 3 andthe base is 10.

Topic 4 Name _____ Vocabulary Cards The number to be dividend divided Quotient dividend 56 Dividend Divisor $56 \div 14 = 4$ **divisor** The number used to divide another number Quotient Fold here divisor 56 Dividend Divisor $56 \div 14 = 4$ The answer to a quotient division problem Quotient quotient 56 Dividend Divisor $56 \div 14 = 4$

Topic **8** Vocabulary Cards

variable	<pre>variable A letter, such as n (or any other letter) that represents a number in an expression or an equation A number p increased by 22 p + 22 12 more points than a number p times 8 8p + 12</pre>
term Pog	term A number in a sequence or a variable, such as x or y in an algebraic expression
sequence	Sequence: A set of numbers that follows a pattern Sequence: 3, 5, 7, 9, 1st term 3rd term three dots means goes on forever (infinite) ("term", "element" or "member" mean the same thing)

	algebraic expression
algebraic expression	A mathematical phrase involving a variable or variables, numbers, and operations <i>Example: x - 3</i>
order of operations	order of operations The order in which operations are done in calculations: parentheses exponents × and ÷ + and –
	$(2+3) \times 5 - 8 \div 4 = 23$ $5 \times 5 - 8 \div 4$ 1. Parentheses 25 - 2 2. Multiplication/division 23 3. Addition/subtraction
corresponding	Corresponding Matching, as in related terms in two sequences
	**See pages 208-209 in the text book for an example.



























Topic **15** Vocabulary Cards



Topic 15 1 of 7

















