



I'm not robot



[Continue](#)

## 6th grade math variables and expressions worksheets

You are here: [Home](#) → [Worksheets](#) → [Expressions](#) [Ecurrencies](#) With this worksheet generator, you can make printable worksheets to evaluate simple variable expressions when the value of variables is given. There are three levels, the first level including only one operation. For example, the student can find the value of the expression  $2(t - 5)$ , when  $t$  has the value  $-6$ . These worksheets match the best classes 6, 7 and 8, including pre-algebra and algebra 1 courses. To customize worksheets, you can control the number of problems, the difficulty level, the range of numbers used (you can include negative numbers and decimal places), the workspace under the problems, the border around the problems, and additional instructions. Basic instructions for worksheets Each worksheet is randomly generated and therefore unique. The response key is automatically generated and placed on the second page of the file. You can use the generator to make worksheets in either HTML or PDF format — both are easy to print. The HTML worksheet has the advantage that you can save it directly from your browser (choose File → Save) and then edit it later in Word or another word processing program. Here are some quick links for ready worksheets. Refresh the worksheet page to get another one of the same kind until you are satisfied with the problems & layout. Ready-made worksheets Additional title & instructions (HTML allowed) The algebra key provides a unique, proven way to introduce students' algebra. The new concepts are explained in simple language, and the examples are easy to follow. Word problems refer to algebra in familiar situations, helping students understand abstract concepts. Students develop understanding by intuitively solving equations and inequalities before introducing formal solutions. Students begin the study of algebra in Books 1-4 using only integers. Books 5-7 introduce rational numbers and phrases. Books 8-10 extend coverage to the real number system. =&gt; Learn more If you see this message, it means that we have problems uploading external resources to our website. If you're behind a web filter, make sure that \*.kastatic.org and \*.kasandbox.org domains are unlocked. Base Level: Positive Integers Evaluate algebraic (basic) expressions FREE Evaluate each algebraic expression. Variable values are given. This level does not include exponents, negative numbers, or parentheses. classes 5 and 6 Evaluate algebraic expressions (basic) Assess each expression; Replace the numbers with the variables to solve. Basic level expressions do not include parentheses or exponents. In this worksheet, each expression has a single variable. classes 5 and 6 Evaluate each expression and write the answers on the answers page. This file contains 30 cards activity that can be used for class treasure hunters, small group training, exit cards and class games. Intermediate Level Grade: Exponents & Parenthesis Task Cards (Intermediate) These Intermediate Level Expressions exponents and parentheses. There are 30 activity cards in the set. Perfect for document rooms, scavenger class hunters, tutoring peer, or training small groups. 6th Grade 6 Algebra Here you will find our other 6th grade worksheets. Our math exercises are based on the Singapore math curriculum. Our sixth-grade math worksheets and math learning materials are free and printable in PDF format. Based on the math class 6 Singaporean math curriculum, these math exercises are done for students in level 6 class. However, students from other grade levels may also benefit from doing these math worksheets. Feel free to print them. Our remedial or additional practical math content covers subjects in Singapore's primary mathematics curriculum and contains mathematical subjects, such as: (pre) algebra worksheets, speed and distance, fractions, bodmas and PEMDAS worksheets and more. Our new materials? Follow us. Looking for the best way to teach sixth graders. Our premium worksheet package contains 10 activities to challenge your students and help them understand each subject required at level 6 math grade. The mathematical worksheets and other resources below are listed by subject. They were classified at the 6th grade level based on common basic standards for mathematics. You can learn more about these standards here. Keep the four main focus areas below in mind when preparing to help children with 6th grade Mathematics: solving problems involving ratio and rates; negative numbers; the use of expressions and equations; development and understanding of statistics. See Detailed 6th Grade Skills Work Chart - Enter Values! Examples/Orientation Algebra Expressions and Equations Inequalities on a numeric line Factors and Multiples Finding the largest common factor Finding Common Multiples Whole Geometry comparing & Ordering What Positive Numbers & Negative Average Percentages Calculate The Ratio and Proportion Percentage Stakes Statistics and Probability Game Game Algebra Verbal Match & Algebraic Expressions Fractions Equivalent Fractions Fractions, Percentages, & Decimals Percentages Decimals & Percentages as Fractions Lesson Division is made long division (mini-animated lesson) Percentages Numerical line Counting and cardinality Fractions Fractions Line of numbers (Negative values from 0 to -1) Ratio and proportion Conversion ounces & grams (0g - 1000g plus blank scaled lines) Click below for more mathematical worksheets at adjacent grade levels. This algebraic expression worksheet evaluation set is designed by experts for 6th, 7th, 8th and high school students. Students need evaluate expressions containing single and multiple variables. Also included are multiple-choice questions about equations and inequalities, table of functions, algebraic expressions in geometric shapes and ordering expressions. Access some of these worksheets for free! Equation-based MCQs | Unique Variable Evaluate how effectively you can evaluate algebraic expressions that contain unique variables with this attractive compilation. Choose the correct answer that satisfies the equation given in Part A. In Part B, select the equation that is valid for the given value. Equation-based MCQs | Multivariable Take learning to the next level with this series of printable worksheets, where you need to identify the correct set of values and choose the correct equation that applies to the set of variables. Algebraic Expressions - Function Table | Easily improve your algebraic skills by working in the problems of this batch of pdf worksheets. Fill in the function table by evaluating simple algebraic expressions for the given set of values. Use the response keys to check your solutions. Algebraic Expressions - Function Table | Moderate With concentration and practice, the evaluation of algebraic expressions becomes easier. Featuring more complicated expressions, this resource tests your understanding. Only, connect the given values of the variables in the equations and record the responses in the table. Inequality-based MCQs | Single Variable Assists students to understand inequality with this large set of printable worksheets. In Part A, choose the correct value that satisfies the given inequality. Identification of inequality that applies to the given value of variable(s) in B. MCQs based on inequalities | Zoom multivariablely through these pdfs to conquer the concept of inequality with multiple variables. Identify the choice that satisfies the given inequality in Part A. In Part B, select the inequality that applies to the values of the variables specified in the question. Geometric shapes: Finding dimensions | Unique Variable This set of pdf worksheets in high school contains problems based on the dimensions of geometric shapes that are represented with algebraic expressions involving unique variables. Evaluate the algebraic expression for the given value to determine the attributes. Geometric shapes: Finding dimensions | Multivariablely illustrated with 2D shapes and 3D shapes, these worksheets show the dimensions of geometric figures as multivariable algebraic expressions. Replace variables with given values and figure out dimensions. The evaluation of the use of algebraic identities Involved this set of evaluation expressions using algebraic identity worksheets includes topics related to the evaluation of numeric expressions using an appropriate algebraic identity. (18 Worksheets) Worksheets