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Site developed by Digital Metric | Privacy Policy Use for work, school or personal calculations. You can make not only simple math calculations and calculation of interest on the loan and bank lending rates, the calculation of the cost of works and utilities. Commands for the online calculator you can enter not only the mouse, but with a digital computer keyboard. Detailed instructions for using the calculator, see below. Instructions for using the online calculator Keys function [0], [1], [2], ... [9] - standard number keys, [00] - key input 2 zeros; [1] - remove the last character on the display; [+/-] - change the mathematical sign of: [XY] - calculation of X to the power of Y; [1] - calculate the square root; [+] - addition, [-] - subtraction, [1] - multiplication, [1] - division; [%] - calculates percentages; [M+] - stored in the memory with the sign [+]; [M-] - stored in the memory with the sign [-]; [MR] - get the contents of memory; [MC] - erases the memory content; [AC] - reset the calculator and reset the memory; [C] - resets the calculator without resetting the memory. Examples of calculations on the online calculator Calculate the square root of 529: 529 [1]. The result is equal to 23. Raise the number 3 to a power 4: 3 [XY] 4 [=]. The result is equal to 81. Calculation of percentage of the number of: 500 [1] 25 [%]. The result is equal to 125. Calculating what percent is one number of another number: 25 [1] 500 [%]. The result is equal to 5%. Adding percentage to the number: 500 [+] 25 [%]. The result is equal to 625. Deduction percentage of the number: 500 [-] 25 [%]. The result is equal to 375. Enter commands from the keyboard PC/Mac To use free online calculator you can use both ordinary numeric buttons at the top of a keyboard and numeric buttons on the right of a keyboard. To enter [=] - key [Enter]. To erase the last character - [Backspace] (arrow keys). To enter [-] - key [+] at the top or [+] key on the numeric keypad on the right. To enter [-] - key [-] at the top or [-] key on the right. To enter [x] (multiplication) - key [*] on the numeric keypad on the right or a combination of keys [x] and [Shift]. Frequently asked questions about the calculator Why do we get 8 when trying to calculate 2+2x2 with a calculator? Calculator performs mathematical operations in accordance with the order they are entered. You can see the current math calculations in a smaller display that is below the main display of the calculator. Calculations order for this given example is the following: 2+2=4, subtotal = 4. Then 4x2=8, the answer is 8. The History of calculators The ancestor of the modern calculator is Abacus, which means "board" in Latin. Abacus was a grooved board with movable counting labels (stones or bones). Presumably, the first Abacus appeared in ancient Babylon about 3 thousand years BC. In Ancient Greece, abacus appeared in the 5th century BC. These are some of the most popular calculators and tools on the site! Our Darts Calculator helps players calculate scores and checkouts quickly and accurately, making the game more enjoyable and competitive! Darts Calculator Our BMI Calculator quickly calculates Body Mass Index to help users understand their weight status and make informed health decisions. BMI Calculator Our Online Abacus is a virtual version of the traditional counting tool, designed to help children learn and practice basic math skills. Online Abacus Our Scientific Calculator is a powerful tool that performs complex mathematical calculations and functions. Scientific Calculator Our weight conversion tools are accurate, easy to use, and offer a wide range of units. Get precise and hassle-free length conversions with our user-friendly and comprehensive length conversion calculators. Our temperature conversion calculators are accurate, simple to use, and covers various temperature units. Loads of other easy to use conversion tools! Online-Calculator.com has been around since 2007! That's a long time!The original calculator was invented in the 17th century by a Frenchman called Blaise Pascal! He was just 18 years old, and wanted to help his father do his tax calculations. Join us on the fascinating history of the calculator! The History of the Calculator! To enter a fraction of the form 3/4. Click a number and then click fraction bar, then click another number. You can use fraction space button to create a number of the form 5 3/4. Enter a number, then click fraction space, click another number and then click on the fraction bar button, lastly enter another number. DEC FRA Decimal format button and Fraction format button work as pair. When you choose the one the other is switched off. Decimal format button is used for all decimal work. Also to change a fraction of the form 3/4 to the decimal 0.75, or a fraction of the form 7/4 or a mixed number of the form 1 3/4 to the decimal 1.75. Click on the decimal format button, enter a fraction or mixed number, then click equals. If the fraction or mixed number is only part of the calculation then omit clicking equals and continue with the calculation per usual. i.e. 3/4 DEC x 6 = Fraction format button is used to work with all fractions. Also to change a decimal of the form 0.5 to the fraction 1/2, or change a decimal of the form 1.75 to a mixed number of the form 1 3/4 or to the fraction 7/4, or a fraction of the form 7/4 to the mixed number 1 3/4. Click the fraction format button, enter a decimal, click equals and then click on a fraction form and then click equals. If the fraction of decimal is part of a calculation, omit clicking equals and continue with the calculation. b/c a+b/c Proper fraction button and Improper fraction button work as pair. When you choose the one the other is switched off. Proper fraction button is used to change a number of the form of 9/5 to the form of 1 4/5. A proper fraction is a fraction where the numerator (top number) is less than the denominator (bottom number). Improper fraction button is used to change a number of the form of 1 4/5 to the form of 9/5. An improper fraction is a fraction where the numerator (top number) is greater than or equal to the denominator (bottom number). Loading...home / math / percentage calculator Please provide any two values below and click the "Calculate" button to get the third value. Percentage Calculator in Common Phrases Percentage Difference Calculator Percentage Change Calculator Please provide any two values below and click the "Calculate" button to get the third value. In mathematics, a percentage is a number or ratio that represents a fraction of 100. It is one of the ways to represent a dimensionless relationship between two numbers; other methods include ratios, fractions, and decimals. Percentages are often denoted by the symbol "%" written after the number. They can also be denoted by writing "percent" or "pct" after the number. For example, 35% is equivalent to the decimal 0.35, or the fractions . Percentages are computed by multiplying the value of a ratio by 100. For example, if 25 out of 50 students in a classroom are male, . The value of the ratio is therefore 0.5, and multiplying this by 100 yields: 0.5 100 = 50 In other words, the ratio of 25 males to students in the classroom is equivalent to 50% of students in the classroom being male. Percentage formula Although the percentage formula can be written in different forms, it is essentially an algebraic equation involving three values. P V1 = V2 P is the percentage, V1 is the first value that the percentage will modify, and V2 is the result of the percentage operating on V1. The calculator provided automatically converts the input percentage into a decimal to compute the solution. However, if solving for the percentage, the value returned will be the actual percentage, not its decimal representation. EX: P 30 = 1.5 P = = 0.05 100 = 5% If solving manually, the formula requires the percentage in decimal form, so the solution for P needs to be multiplied by 100 in order to convert it to a percent. This is essentially what the calculator above does, except that it accepts inputs in percent rather than decimal form. Percentage difference formula The percentage difference formula The percentage difference between two values is calculated by dividing the absolute value of the difference between two numbers by the average of those two numbers. Multiplying the result by 100 will yield the solution in percent, rather than decimal form. Refer to the equation below for clarification. Percentage Difference = 100 EX: = = 0.5 = 50% Percentage change formula Percentage increase and decrease are calculated by computing the difference between two values and comparing that difference to the initial value. Mathematically, this involves using the absolute value of the difference between two values then dividing the result by the initial value, essentially calculating how much the initial value has changed. The percentage increase calculator above computes an increase or decrease of a specific percentage of the input number. It basically involves converting a percent into its decimal equivalent, and either subtracting (decrease) or adding (increase) the decimal equivalent from and to 1, respectively. Multiplying the original number by this value will result in either an increase or decrease of the number by the given percent. Refer to the example below for clarification. EX: 500 increased by 10% (0.1) 500 (1 + 0.1) = 550 500 decreased by 10% 500 (1 - 0.1) = 450 This is a simple calculator with memory functions similar to a small handheld calculator. Use this basic calculator online for math with addition, subtraction, division and multiplication. The calculator includes functions for square root, percentage, pi, exponents, powers and rounding. How to do repeating operations, higher powers and roots, memory and clear functions for this standard calculator are explained below. Control the calculator using a mouse, keyboard or number pad, or by touch if supported by your device. What Are the Functions on the Calculator? Division Multiplication +Addition Subtraction =Calculate +/-Plus/minus toggles the pos/neg sign of the displayed number mMemory recall mrMemory recall m-Memory minus m+Memory plus CEClear entry ACAll clear xSquare root %Percentage pi = 3.1415926536 xyExponent R2Round to 2 decimals (cents) R0Round to 0 decimals (dollars) Use your delete/backspace key to delete one character at a time from the right Using a keyboard, backspace with the delete button Using a touchscreen, on a phone or tablet, tap into the display then use the virtual keyboard delete button To copy, highlight the results in the display window and copy to your clipboard How to Use Basic Calculator Operations Browse example calculations using the Basic Calculator. Follow the steps to input numbers and symbols and perform calculations with operator buttons. Examples show you how to do simple math as well as how to do percentages on a calculator. You can also learn how to do present value and future value on a calculator. Addition and Subtraction Calculation Steps 3 + 5 = 8 3 + 5 = 7 - 9 = -2 7 9 = 3 + (-5) = -2 3 + 5 +/- = (-7) - 9 = -16 7 +/9 = 7.3 + 12.25 - 10.75 = 8.8 7.3 + 12.25 10.75 = Multiplication and Division Calculation Steps 13 3 2 = 78 13 3 2 = 25 2 = 12.5 25 2 = 8.35 17.25 10.16 = 814.176919291 8.35 17.25 10.16 = Repeating Operations Calculation Steps 3 + 5 + 5 = 18 3 + 5 = = 3 + 3 + 3 = 9 3 + = = 7 - 3 - 3 - 3 = -5 7 3 = = = 5 2 2 2 = 40 5 2 = = = 26 = 2 2 2 2 2 = 64 2 = = = = 2^2^2^2^2 = (((((22)2)2)2)2 = 65,536 2 xy 2 = = = = For all of the above, if a second operand is not entered the first operand will be repeated. Memory Button Actions mc memory clear mr memory recall m- memory minus m+ memory plus clear memory to 0, will not affect display display current memory value subtract display value from memory value add display value to memory value Memory Functions Calculation Steps 7 + 8 + 9 - 15 = 9 mc 7 m+ 8 m+ 9 m+ 15 m- mr will display 9 15 + 25 = 40 plus 42 = 50.2654824576 plus 12 6 = 72 = 162.26548246 mc 15 + 25 = m+ 4 xy 2 = = m+ 12 6 = m+ mr will display 162.26548246 Roots, Exponents and Power Functions Calculation Steps 36 = 6 36 x 62 = 36 6 xy 2 = or 6 = 65 = 7,776 6 xy 5 = or 6 = = = 57,776 = 7,776115 = 6 mc 1 5 = m+ 7776 xy mr = 6-3 = 1.63 = 0.00462962963 6 xy 3 +/- = or 6 xy 3 = = = Order of Operations Enter your calculation in the order to be executed given parentheses and PEMDAS priority Calculation Steps 3 + 5 2 4 = 4 3 + 5 2 4 = 3 + ((5 2) 4) = 5.5 5 2 4 + 3 = Additional Operations Calculation Steps 1/x reciprocal or multiplicative inverse of x or: x-1 1/5 = 0.2 5 = = A = r2 area of a circle radius r = 8 82 8 8 = V = (4/3)r3 volume of a sphere radius r = 10 V = (4/3)103 = 4,188.7902048 10 xy 3 4 3 = PV = FV / (1+i)n present value (PV) of a future value (FV) at interest rate (i) for a number of years (n) PV = 10,000, i = 7.3%, n = 5 10,000 / (1 + 0.073)5 = 7,030.75 1 + 0.073 = (display is now 1.073) = = = = 10000= R2 or 1 + 0.073 = (display is now 1.073) xy 5 = = = 10000= R2 FV = PV(1+i)n future value (FV) of a present value (PV) at interest rate (i) for a number of years (n) FV = 10,000, i = 7.3%, n = 5 10,000(1 + 0.073)5 = 14,223.24 1 + 0.073 = (display is now 1.073) = = = 10000= R2 or 1 + 0.073 = (display is now 1.073) xy 5 = 10000= R2 Percentage Operations Calculation Steps 12 plus 10% is ? 12 + (12 10%) = 13.2 12 + 10 % (display is 10% of 12 = 1.2) = 10 minus 10% is ? 10 - (10 10%) = 9 10 10 % (display is 10% of 10 = 1) = 10% of 15 is ? 15 10 % = 1.5 15 10 % (display is 10% in decimal = 0.1) = 15 is 10% of ? 15 10 % = 150 15 10 % (display is 10% in decimal = 0.1) = Advanced Percentage Calculations Calculation Steps list price + sales tax = final price sales tax addition list price = 35.25, tax percentage = 7.5% 35.25 + (35.25 0.075) = 37.89 35.25 + 2.64375 = 37.89 35.25 + 7.5 % (display is tax dollar amount 2.64375) = R2 (display is final price 37.89) list price - discount = sale price discount subtraction list price = 40, discount percentage = 25% 40.00 - (40.00 0.25) = 30.00 40.00 - 10.00 = 30.00 now add in tax of 7.5% ??? 40 25 % (display is discount dollar amount 10) = R2 (display is sale price 30.00) + 7.5 % = R2 (display is final price 32.25) Correcting Mistakes Calculation Steps 3 + 5 = 8 3 + 7 CE 5 = 12 2 = 24 11 2 CE AC 12 2 = 7.329 + 4.755 = 12.084 7.329 + 4.756 backspace backspace 55 = 5 6 = 30 5 + 6 = 15 + 10 = 25 15 + 10 +/- += More About Using the Calculator Memory The calculator memory is at 0 until you hit m+ or m-. Each time you hit m+ the number on the display is added to the number in the calculator memory. Each time you hit m- the number on the display is subtracted from the number in the calculator memory. To recall the number in the calculator memory hit mr. To zero out the memory hit mc. Use AC to clear out the current calculation. Use CE to clear out the most recent entry. Note that if the AC key is not visible, hit CE and then AC to clear out your calculation. To view a web page containing only this calculator see The Online Calculator at . If you need to see a running total and tape history of your calculations use our Adding Machine Calculator.

How to calculate surface roughness ra. How to determine surface roughness. How to calculate surface roughness from afm. Surface roughness chart. What is surface roughness. How to measure surface roughness.