

CASIO FX 570VN PLUS computer math guide

Casio Fx 570VN Plus computer solution is an optimal solution for high school students, students, engineers specialized in mathematics, excellent math students, students who are good at computer casio. The casio Fx 570VN Plus computer is rated as the product to use in teaching and learning to produce the most accurate and fastest results.

When computers do not appear, complex equations or calculations in mathematics are quite a difficult problem for many people. However, since the generation of computers appeared with the function of solving the equation of level 2, level 3 and the system of birth equations, the study and examination had significant improvements. To date, the introduction of CASIO FX 570VN Plus computer is an optimal solution for high school students, students, engineers specialized in mathematics, excellent math students, students excellent at casio computers. . The casio Fx 570VN Plus computer is rated as the product to use in teaching and learning to produce the most accurate and fastest results.

By pre-installing the calculation programs of some arithmetic problems, the Casio Fx 570VN Plus calculator solves only one and two simple operations.

1. Find quotient and balance

Calculating with the computer casio Fx570VN Plus allows to find the trade and the balance of two natural numbers is not divisible by each other

Where natural numbers a are not divisible by natural numbers b (a no more than 10 digits)

Step 1:

Enter the divided number a

Step 2:

Press the combination of search and balance orders ['ALPHA' ',R']

Step 3:

Enter the divisor number b and press '=' to see the result

Eg: Find the quotient and the balance of number 2572012 when dividing by number 209, we do as shown below

Order to find trade and balance

Where natural numbers a are not divisible by natural numbers b (a more than 10 digits)

In case the divided number has more than 10 digits, then the machine will not perform the program of injury and balance as in the above case but return to normal form. To find the balance in this case, we operate as follows:

Step 1:

Assign the divided numbers a and the divisor b to the letters A and B

[Enter a 'SHIFT' number 'STO' 'A']

[Enter the number 'SHIFT' 'STO' 'B']

Step 2:

Execute the division of number a for the number b

['ALPHA' 'A' 'ALPHA' 'R' 'ALPHA' 'B' '=']

Step 3:

Get the integer part of the split result

['ALPHA' 'Int' 'ANS' '=']

Step 4:

Find balance ['ALPHA' 'A' '-' 'ALPHA' 'B' 'ANS' '=']

Example: Find the balance in division 301989301989: 151989

Casio Fx 570VN Plus computer math solution is as follows:

[301989301989 'SHIFT' 'STO' 'A']

[151989 'SHIFT' 'STO' 'B']

['ALPHA' 'A' 'ALPHA' 'R' 'ALPHA' 'B' '='] 1988915,514

['ALPHA' 'Int' 'ANS' '='] 1988915

['ALPHA' 'A' '-' 'ALPHA' 'B' 'ANS' '='] 78054

2. Find the greatest common divisor (GCD)

Features are pre-programmed on the computer so only 2 operations to solve problems with Casio Fx 570VN Plus computer will produce quick and accurate results.

Step 1:

Declare the GCD order and press: ['ALPHA' 'GCD']

Step 2:

Declare numbers separated by a ',' by pressing the ['SHIFT' ','] key

Step 3:

Press '=' to see results

Eg Find USCLN of 2 numbers 2345432005 and 974509801

3. Find the smallest common multiple (LCM)

Similar to the search for USCLN, Casio Fx 570VN Plus computer problem solving for the problem of finding BCNN also uses LCM search command and enter numbers separated by a ','

Manipulation:

Step 1:

Declaring the LCM command press: ['ALPHA' 'LCM']

Step 2:

Declare numbers separated by a ',' by pressing the ['SHIFT' ','] key

Step 3:

Press '=' to see results

4. Calculate the infinite decimal number

This form of math appears in the 7th grade program. The math form requires converting an infinite decimal number to a fraction. This is one of 36 new features that Casio has improved in Fx 570VN Plus version to suit the Vietnamese math curriculum. By preinstalling the command on the machine, Casio Fx 570VN Plus computer math solution this math form requires only 3 steps:

Step 1:

Enter the front part of the circulation

Step 2:

Select the command ['ALPHA' ''] and enter the recirculation section on the cursor

Step 3:

Press '=' and get results

5. Calculate the polynomial value

This is the math form used in the 8th grade math program. It is also one of 36 improved features in the Casio Fx 570VN Plus computerized math method.

To calculate the polynomial value on Casio Fx 570VN Plus use the command 'CALC'

Example: For polynomial $P(x) = x^5 + ax^4 + bx^3 + cx^2 + dx + e$

Know $P(1) = 1$, $P(2) = 4$, $P(3) = 9$, $P(4) = 16$, $P(5) = 25$

Calculate $P(6)$, $P(7)$

The answer:

Under the assumption we have $P(x) = (x-1)(x-2)(x-3)(x-4)(x-5) + x^2$

Solve the problem with Casio Fx 570VN Plus computer

Step 1:

Enter the expression into the calculator screen

Step 2:

Execute the command to calculate the polynomial value

['CALC' 6] = 156

['CALC' 7] = 6496

6. Calculate the matrix with the Casio Fx 570VN Plus computerized math method

Matrix calculation is a form of mathematics in the general education program and College, University in Vietnam.

In addition to matrix calculation programs such as previous generation computers like Fx 500 MS, Fx 570 MS, .., Fx 570 VN Plus also installed calculation program with level four matrix. This is one of the outstanding features improved on Casio Fx 570VN Plus. It is an essential form of mathematical knowledge in solving the first equation system 1 - 4 of the universal and indispensable learning program for each student and engineer related to mathematics, chemistry and physics.

Calculate the matrix with the method of solving math on the Casio fx-570VN PLUS computer

Calculating with the manual method matrix, even the simplest matrices takes quite a long time to multiply and add and is easy to confuse. Meanwhile, solving math on Casio Fx 570VN Plus pocket calculator can solve quickly and give accurate results thanks to this feature programmed on the machine.

Step 1:

Declare matrix on Casio Fx 570VN Plus

['MODE' 6]

Step 2:

Select the matrix to calculate and the size of the matrix. Need to declare matrix with any size, click on the corresponding number displayed on the screen.

Select the corresponding matrix size

Step 3:

Declare the coefficients of the matrix.

Declare coefficients from left to right, from top to bottom, each number separated by the '=' key

Example: To declare matrix A = we press the following: [1 = (-2) = 3 = 4 = 2 = (-1) = 0 = 5 = 4]

Step 4:

Press the ['SHIFT' 4 2 (DATA)] key to continue declaring matrix B

Step 5:

Like the A matrix declaration, select the matrix type and the corresponding size according to the sequence number on the display screen.

Step 6:

Declare matrix coefficient B

Step 7:

Give the command to the matrix calculation screen ['AC' 'SHIFT' 4]

Step 8:

Calculate according to the requirements of the lesson

Eg Calculating AB: [3 'x' 'SHIFT' '4' '4' =] we get the result

Inside:

3 is the matrix A (MatA)

SHIFT 4: return to the calculation with the matrix,

4 is matrix B (MatB)

B9: Operation ['AC' 'SHIFT' '4'] to return to the matrix calculation table and continue to perform calculations

7. Solve the first-order equation 2 by hiding the Casio Fx 570VN Plus computerized math method

Before solving this math problem on Casio Fx 570VN Plus computer, it is necessary to bring the system of equations to the formal form

Manipulate inequalities on Casio Fx 570VN Plus computer

Step 1:

Select the command to solve the first order equation 2 hidden ['MODE' '5' '1']

Select the command to solve the first order equation 2 hidden, the display

Step 2:

Declaring the coefficients of the equation, the coefficients separated by a '='

Step 3:

Click '=' to see the result. There are 4 cases:

Equation 1 equation (x)

Equation 2 equation (x and y)

No-Solution (No-Solution)

Infinite Solution.

Above is the introduction of some outstanding features improved in Casio Fx570VN computer math solution method. In addition, there are a number of features to be included, such as calculating the retrieval sequence, calculating the limit, solving the second order equation for the result in the form of roots, DIST distribution calculation, 10, calculating the ratio RATIO, real solution quadratic equation with extra parabolic points, conversion of measurement, .

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