

The COUNT function in Excel: Formulas and the simplest ways to use this counting function.

What is the Count function in Excel? How to use the Count function in Excel? Let's find out together with TipsMake.com!

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Excel includes useful functions that help you present and interpret data. One of the most common Excel functions is the COUNT function. As the name suggests, this function gives you the number of numerical values in a specific array. Below are some things you need to know about the COUNT function in Excel.

In Excel spreadsheets, counting the number of cells or specific data often requires using counting functions, including the COUNT function. Manually counting is impractical and not recommended for Excel spreadsheets, given the large volume of data being processed. Furthermore, manual counting may not be as accurate as using specialized functions.

The COUNT function in Excel has a simple formula and usage, unlike some other functions which are more complicated. This article will guide you on how to use the COUNT function in Excel.

1. How to use the Vlookup function in Excel
2. How to use the Concatenate function in Excel
3. How to use the AVERAGEIF function in Excel

The COUNT function formula in Excel

The COUNT function in Excel has the syntax **=COUNT(Value1, [Value2],..)** .

In there:

1. Value 1 is a required parameter in the formula. It is the first value to reference or select the cell containing the value.
2. Value 2 is an optional parameter; it can only be used to count up to 255 additional parameters, cell references, or selections whose cell values you want to count.

The COUNT function in Excel returns the number of numerical values. Numbers include negative numbers, percentages, dates, times, fractions, and formulas that return numbers. Empty cells and text values are ignored. The COUNT function returns the sum of the numerical values in the provided list of arguments. COUNT accepts multiple arguments in the form value1, value2, value3, etc. Arguments can be individually coded values,

cell references, or ranges, up to a total of 255 arguments.

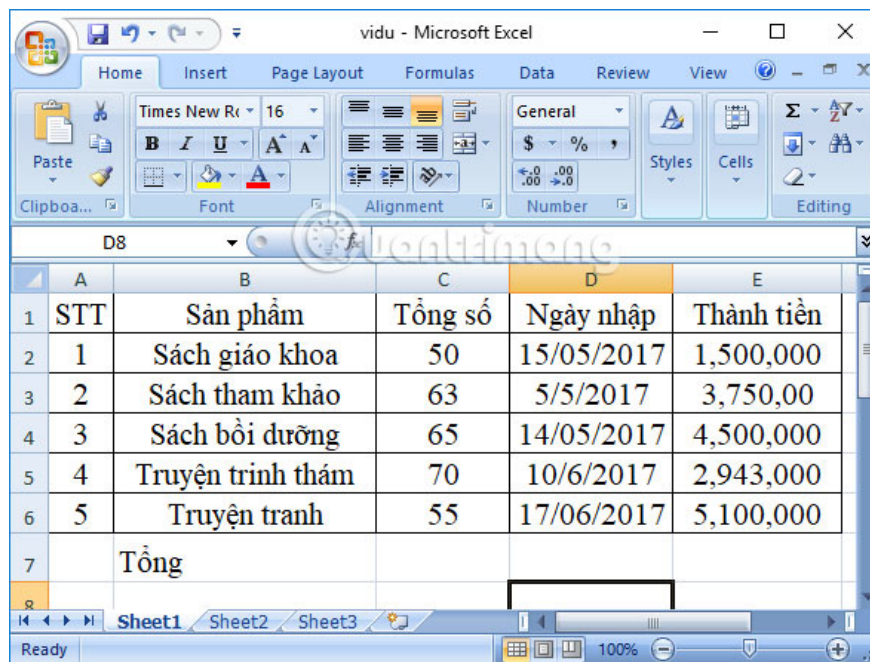
Notes on using the COUNT function

1. The COUNT function can handle up to 255 arguments.
2. COUNT ignores the logical values ??TRUE and FALSE.
3. COUNT ignores text values ??and empty cells.
4. The COUNT function accepts parameters to be counted, such as numbers, dates, or text representations of numbers.
5. Logical values, or numbers entered directly as text into the parameter list of the COUNT function, will be counted.
6. The parameters can contain or reference different data types, but the COUNT function will only count numbers.
7. For exceptions such as logical values, text, or values ??that cannot be in numeric form, COUNTA must be used.
8. If you want to count a number based on a given condition, you need to use the COUNTIFS function.

Examples and usage of the COUNT function in Excel.

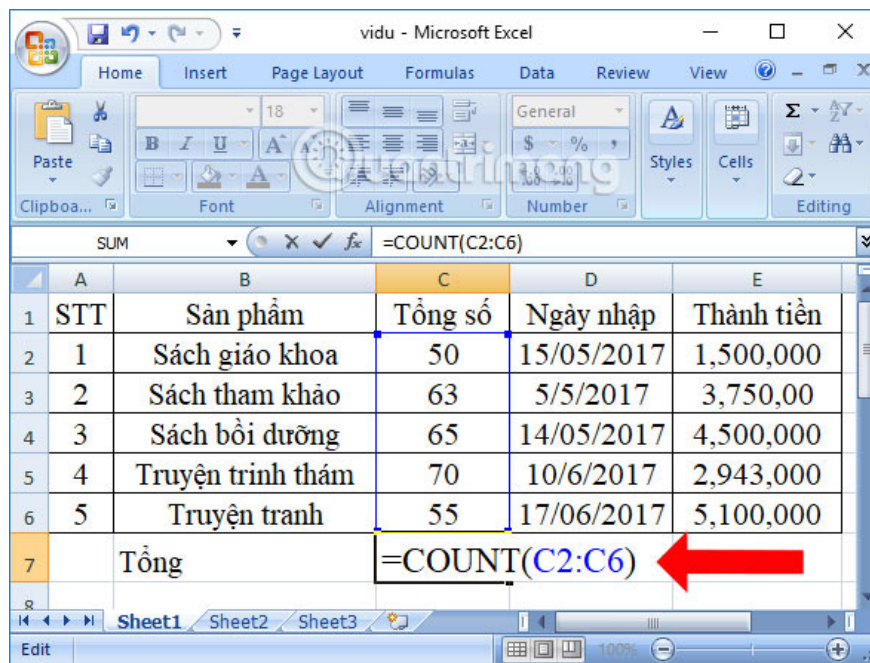
Let's look at the example below to see how to use the COUNT function in Excel.

Below is a table showing the number of books sold and the revenue generated. We need to count how many different types of books were sold.

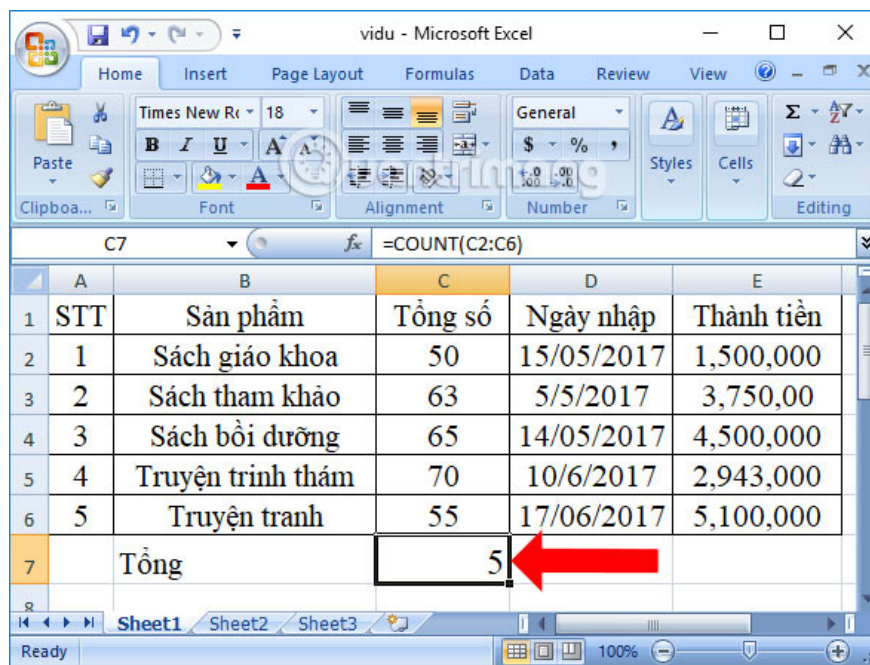


STT	Sản phẩm	Tổng số	Ngày nhập	Thành tiền
1	Sách giáo khoa	50	15/05/2017	1,500,000
2	Sách tham khảo	63	5/5/2017	3,750,00
3	Sách bồi dưỡng	65	14/05/2017	4,500,000
4	Truyện trinh thám	70	10/6/2017	2,943,000
5	Truyện tranh	55	17/06/2017	5,100,000
Tổng				

In any result cell, enter the formula `=COUNT(C2:C6)` and press Enter to execute the function.



The final result will be 5, which is the total number of book types sold.



Alternatively, you can perform the same operation with a different data range and get the same result: `=COUNT(E2:E6)`.

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4	Truyện trinh thám	70	10/6/2017	2,943,000
5	Truyện tranh	55	17/06/2017	5,100,000
Tổng				5

However, if you enter a formula to count the number of cells in column B, you won't get a result because the column data is not numerical. To count cells containing non-numeric data, you will have to use the COUNTA function .

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5	Truyện tranh	55	17/06/2017	5,100,000
Tổng				0

When should you use the COUNT function?

1. To count only numbers, use the COUNT function.
2. To count numbers and text, use the COUNTA function .
3. To count with a condition, use the COUNTIF function.
4. To count with multiple conditions, use the COUNTIFS function .
5. To count empty cells, use the COUNTBLANK function .

The difference between the COUNT and COUNTA functions in Excel

1. The COUNT function counts cells that contain only numbers, while COUNTA counts non-empty cells, including numbers. When Date and Time values are stored as serial numbers in Excel, these values are counted using both functions.
2. The COUNT function does not count logical values (TRUE and FALSE), but the COUNTA function counts these values.
3. Logical values (TRUE & FALSE) and textual representations of numbers, such as 5, are only counted if those values are entered directly into the COUNT function. However, those values are counted regardless of whether they are entered directly or as cell references in the COUNTA function.
4. The formula returns an empty string of text ("") and text values are not counted in the COUNT function, but they are counted by the COUNTA function.

Above is how to use the COUNT function in Excel. Using the COUNT function is very simple; you just need to select the correct range of numerical data to count the cells in the table. If you also need text data and want to filter the data, you will need the COUNTIF function to count the cells that meet the criteria.

See more:

1. How to merge two columns (First Name and Last Name) in Excel without losing content.
2. How to use the SUMPRODUCT function in Excel
3. How to combine the Sumif and Vlookup functions in Excel

Good luck with your project!

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