

# PRODUCT function in Excel, syntax, usage

The PRODUCT function in Excel helps to quickly calculate the product of multiple values, instead of having to enter each number with a multiplication sign. This function is useful in calculating financial, scientific and accounting data.

The PRODUCT function in Excel supports multiplying multiple numbers quickly, helping to save time in data calculation. Let's join TipsMake to understand the syntax, usage and application cases to optimize work performance.

## *Instructions for using the PRODUCT function in Excel*

**Syntax:** = PRODUCT (number 1, number 2, ...)

**Function:** Used to calculate the product of numbers number 1, number 2, ...

In which:

- **number 1, number 2, ..., number n** . n can be up to 255. (For Excel 2003, n can only be up to 30).
- If the numbers are in a data array, only values with numbers are counted, other values with numbers will be ignored.

**Example 1 :** - Calculate the product of numbers 2, 3, 4.

Calculation formula: = **PRODUCT** (2, 3, 4) = 24.

- Calculate the product of the numbers 3, 5, 0.

Calculation formula: = **PRODUCT** (3, 5, 0) = 0.

**Example 2 :** Calculate the product of each column in the following data table:

D6      fx    =PRODUCT(C6:C10)				
	A	B	C	D
1				
2	<b>HÀM PRODUCT TRONG EXCEL</b>			
3	Demo by: Taimienphi.vn - Betdownload.com			
4				
5	<b>Họ và Tên</b>	<b>Giới tính</b>	<b>Demo1</b>	<b>Kết quả</b>
6	Nguyễn Văn Đạt	Nam	8	16128
7	Nguyễn Thị Nga	Nữ	8	
8	Trần Thị Huyền	Nữ	4	
9	Hoàng Văn Thái	Nam	9	
10	Trần Văn Nam	Nam	7	

To calculate the product of the results in column Demo 1, we use the **PRODUCT** function with the formula: **D6=PRODUCT(C6:C10)**

**Example 3 :** Calculate employee's net salary with given daily salary and working day value

Book1      Taimienphi.vn				
	A	B	C	D
1	<b>HÀM PRODUCT TRONG EXCEL</b>			
2	Demo by: Taimienphi.vn - Betdownload.com			
3				
4	<b>Họ và Tên</b>	<b>Giới tính</b>	<b>Lương ngày</b>	<b>Ngày công</b>
5	Nguyễn Văn Đạt	Nam	150	26
6	Nguyễn Thị Nga	Nữ	150	27
7	Trần Thị Huyền	Nữ	150	28
8	Hoàng Văn Thái	Nam	150	26
9	Trần Văn Nam	Nam	150	25

**Method 1:** You can use a simple formula to calculate the actual salary column using the formula **E5=C5\*D5**

E5      fx    =C5*D5      Taimienphi.vn					
	A	B	C	D	E
1	<b>HÀM PRODUCT TRONG EXCEL</b>				
2	Demo by: Taimienphi.vn - Betdownload.com				
3					
4	<b>Họ và Tên</b>	<b>Giới tính</b>	<b>Lương ngày</b>	<b>Ngày công</b>	<b>Thực Lĩnh</b>
5	Nguyễn Văn Đạt	Nam	150	26	3900
6	Nguyễn Thị Nga	Nữ	150	27	
7	Trần Thị Huyền	Nữ	150	28	
8	Hoàng Văn Thái	Nam	150	26	
9	Trần Văn Nam	Nam	150	25	

**Method 2:** We use the **PRODUCT** function , this method is very effective if you have to calculate with many different fields.

With the formula **E5=PRODUCT(C5,D5)**

	A	B	C	D	E
1	<b>HÀM PRODUCT TRONG EXCEL</b>				
2	Demo by: <a href="http://Taimienphi.vn">Taimienphi.vn</a> - <a href="http://Betdownload.com">Betdownload.com</a>				
3					
4	<b>Họ và Tên</b>	<b>Giới tính</b>	<b>Lương ngày</b>	<b>Ngày công</b>	<b>Thực Lĩnh</b>
5	Nguyễn Văn Đạt	Nam	150	26	3900
6	Nguyễn Thị Nga	Nữ	150	27	
7	Trần Thị Huyền	Nữ	150	28	
8	Hoàng Văn Thái	Nam	150	26	
9	Trần Văn Nam	Nam	150	25	

- Double-click on the lower right corner of cell **E5** to copy the formula down to the remaining cells.

The PRODUCT function in Excel helps multiply multiple numbers at once, similar to multiplication using the \* sign. Instead of entering each number and adding the \* sign, you can simply use this function to calculate the product of a series of numbers, saving time.

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