

How to use the MOD function and QUOTIENT function in Excel

Injury in Excel has many ways of doing it, can be used manually or using the calculation function.

Multiplying addition and subtraction is the most familiar and simple calculation when we process data in Excel. In addition to these simple calculation types, there are more advanced ways to perform, for example, the calculation of the user can calculate the division function for the MOD balance and the integer division function for QUOTIENT in Excel. So, besides manually dividing, users can use more Excel functions to calculate more advanced calculations. The following article will guide readers to use the trade function in Excel.

1. How to use the kernel function (PRODUCT function) in Excel
2. How to use Lookup function in Excel
3. How to combine Sumif and Vlookup functions in Excel
4. Calculate the total value of the filtered list in Excel

1. Characteristics in Excel manually

We have the following table with trade calculation in Excel.

	A	B	C	D	E	F
1	STT	Số chia	Số bị chia	Thương		
2		15	4			
3		20	7			
4		9	3			
5		-10	5			
6		12	6			
7						
8						
9						
10						

In cell D2 enter the calculation result, enter **the formula = B2 / C2** and press Enter to get the result.

	A	B	C	D	E	F
1	STT	Số chia	Số bị chia	Thương		
2		15	4	=B2/C2		
3		20	7			
4		9	3			
5		-10	5			
6		12	6			
7						
8						
9						
10						

As a result, we get the calculation column calculated as shown below. In case the user wants to round the number, they can use the Round function in the article [How to use the Round function in Excel or Excel Rounding Methods](#).

	A	B	C	D	E	F
1	STT	Số chia	Số bị chia	Thương		
2		15	4	3.75		
3		20	7	2.85714286		
4		9	3	3		
5		-10	5	-2		
6		12	6	2		
7						
8						
9						
10						

2. MOD function divides the balance

Syntax for **MOD = (number, divisor) functions** . In that number is the number to be divided to find the balance and divisor is the divisor. All 2 arguments in the MOD function are required.

If the result is the same as the divisor, do not care about the sign of the divisor. If the divisor is 0, the MOD function returns the error value. The MOD function returns 0 meaning that division calculation has no remainder.

For the above data table in the box to enter the first balance, the user enters the formula = MOD (B2, C2) and then press Enter.

The screenshot shows the Excel interface with the formula bar containing `=MOD(B2,C2)`. The spreadsheet has the following data:

	A	B	C	D	E	F
1	STT	Số chia	Số bị chia	MOD		
2		15	4	=MOD(B2,C2)		
3		20	7			
4		9	3			
5		-10	5			
6		12	6			
7						
8						
9						
10						

As a result we will get the balance of the calculation $15/4 = 3$. Drag the results of the first cell to the results for the remaining cells.

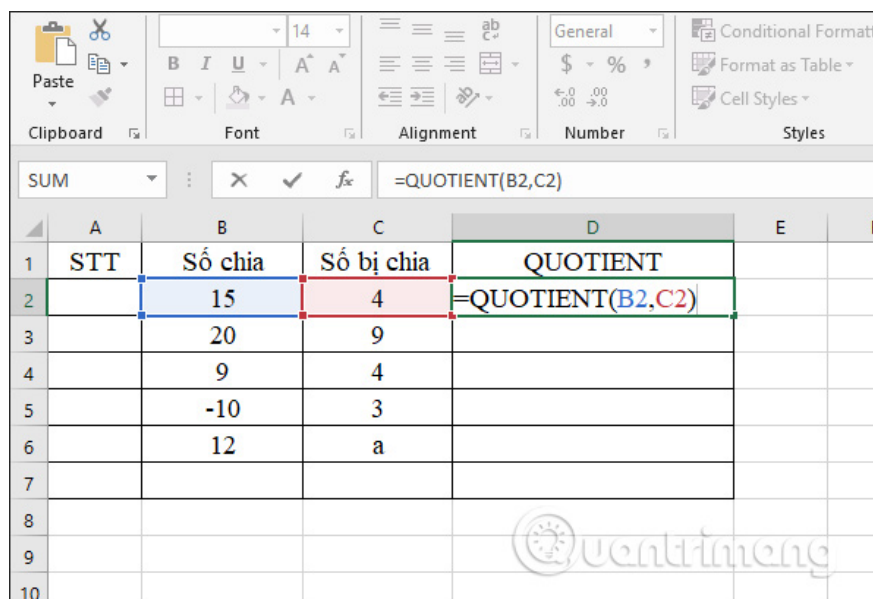
The screenshot shows the Excel interface with the formula bar containing `=MOD(B4,C4)`. The spreadsheet now shows the results of the MOD function for all rows:

	A	B	C	D	E	F
1	STT	Số chia	Số bị chia	MOD		
2		15	4	3		
3		20	7	6		
4		9	3	0		
5		-10	5	0		
6		12	6	0		
7						
8						
9						

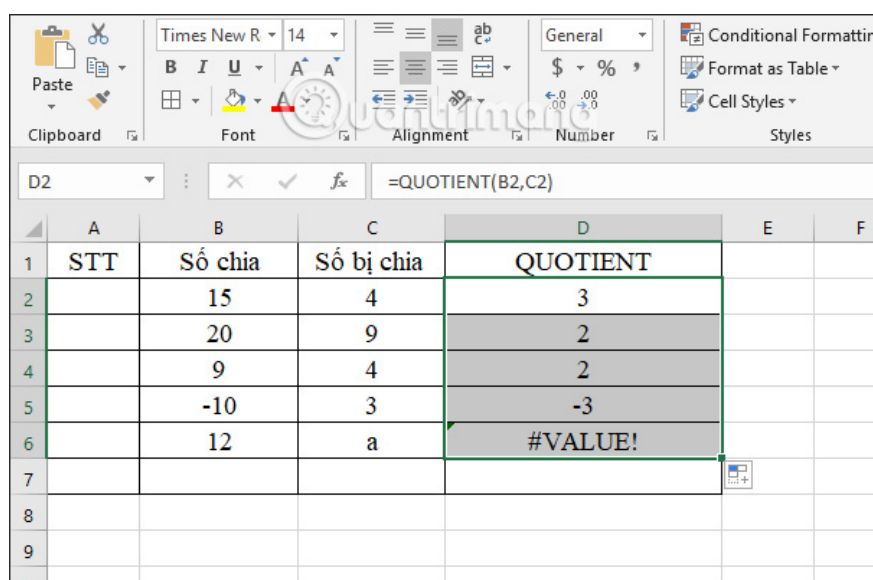
3. QUOTIENT function shares Excel integer

Syntax for **function QUOTIENT = (numerator, denominator)** . In which numerator is a divided number and denominator is a divisor. These two numbers are required in the formula. If one of the two arguments is not a number, the function QUOTIENT will return the error value.

In the first result box for the function QUOTIENT, we enter the formula = QUOTIENT (B2, C2) and press Enter.



When the first result is obtained, the user pulls down the remaining cells to show the results. The function only takes the trade value as an integer.



So, in Excel, there are many different ways of calculation, either manually or based on the above two functions. Depending on the requirements of the Excel exercise, we choose the appropriate calculation method.

I wish you all success!

You finished reading the article "**How to use the MOD function and QUOTIENT function in Excel**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.