How to correct a #NUM error in Excel

How to correct a #NUM error in Excel. In this article, Dexterity Software will discuss the #NUM error and how to correct errors in Excel.

In this article, Dexterity Software will discuss the #NUM error and how to correct errors in Excel.

#NUM error and causes

The #NUM error is an error when a formula or function contains invalid numeric values.

Cause of the #NUM error:

- Some functions did not enter valid arguments in order to calculate results.

- The result of the calculation is too large (outside the range of -1x10307 and 1x 10307).

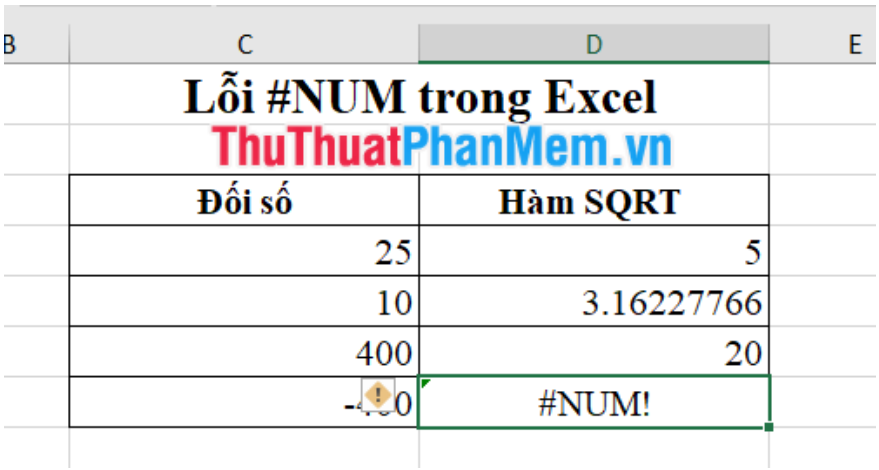
How to fix the #NUM error

Before fixing error # NUM, you must know which of the above causes is the solution to the problem.

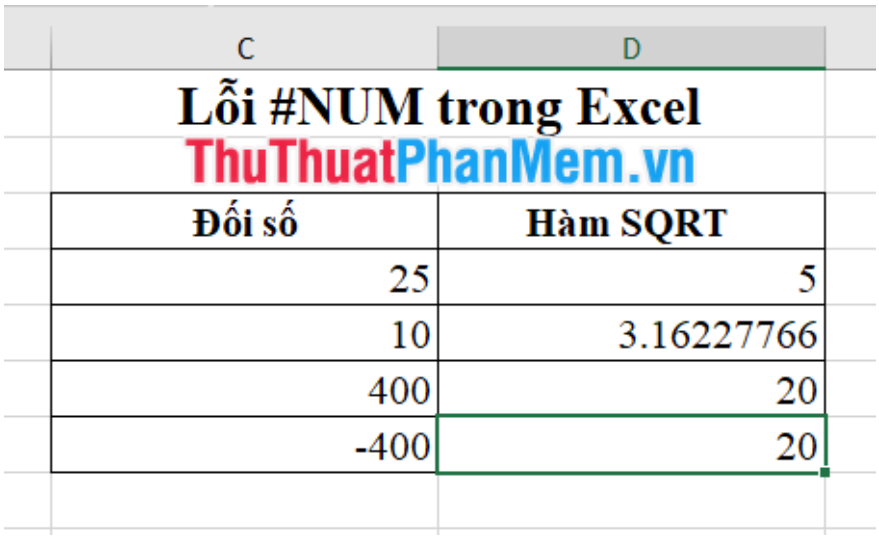
Error #NUM! appears due to unreasonable argument

Example 1: SQRT function

You need to calculate the square root of an argument that is a negative value, the SQRT function will return the #NUM error value:

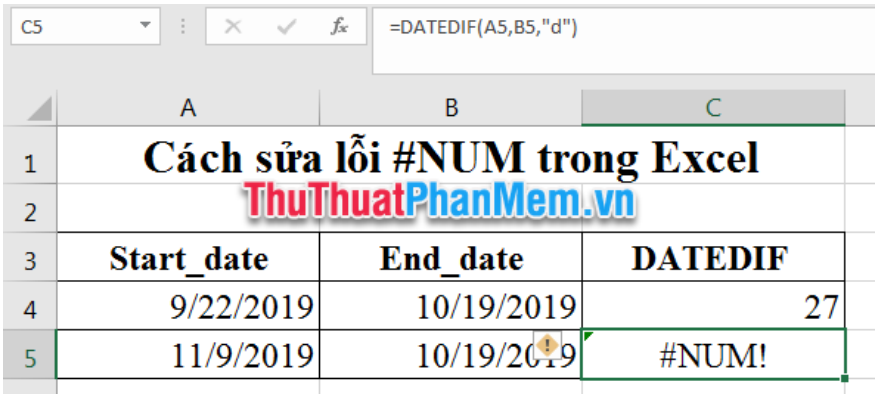


In this case, you just need to convert the argument to a positive number using the **ABS** function before performing the square root function **SQRT** .



Example 2: DATEDIF function

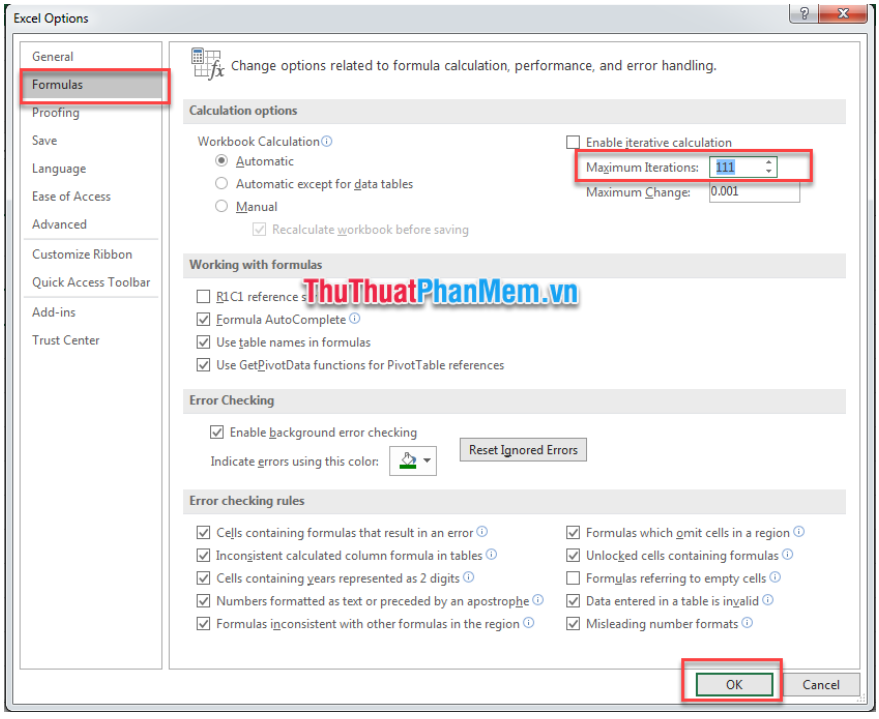
The structure of the DATEDIF function (**start_date, end_date, unit**), requires the **end_date** argument to be greater than the **start_date** argument , if the DATEDIF function fails #NUM, you should check if the argument **end_date is** smaller than **start_date** ?



Example 3: IRR function

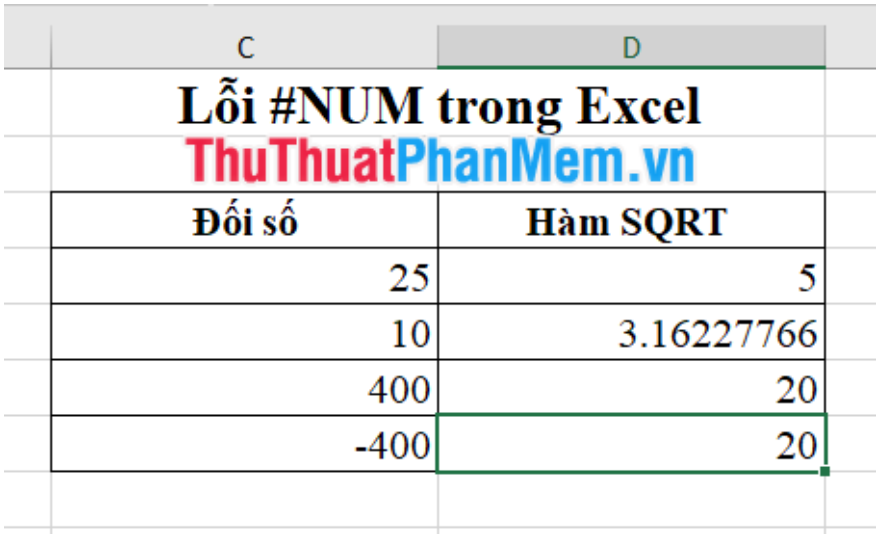
The IRR function is also one of the most prone to #NUM errors, because of its efficiency, Excel limits the number of iterations. If no results are found before this limit is reached, the formula will return the #NUM error.

To adjust the repeat behavior, you can access **File** => select **Options** => **Formulas** => **Calculation options** => in the **Maximum Iterations** box , enter the number of times you want Excel to recalculate. The higher the number of iterations, the more times Excel needs to calculate a worksheet.



The #NUM error as a result of the calculation is too large

In some calculations, because the result of the calculation is outside the range outside -1x10307 and 1x 10307, ?? Excel returns the **#NUM** error value .

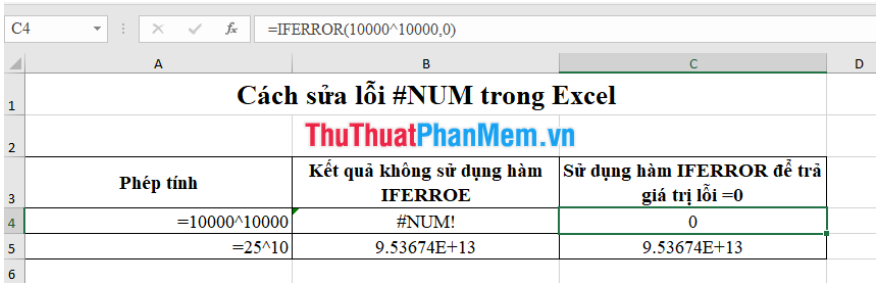


C	D
Lỗi #NUM trong Excel	
ThuThuatPhanMem.vn	
Đối số	**Hàm SQRT**
25	5
10	3.16227766
400	20
-400	20

In the above case, you need to reduce the value of the calculation.

To fix the error # **NUM** , you need to know the cause from which to have the appropriate solution. To ignore the **#NUM** error , that is, the cells with the #NUM error result will return 0, you combine the **IFERROR** function with the formula = **IFERROR (value, value_if_error)** . Inside:

1. **Value** : Required value. Arguments to check for errors.
2. **Value_if_error** : Value to return if the formula evaluates to an error. Example 0.



C4 =IFERROR(10000^10000,0)

	A	B	C	D
1	**Cách sửa lỗi #NUM trong Excel**			
2	ThuThuatPhanMem.vn			
3	**Phép tính**	**Kết quả không sử dụng hàm IFERROE**	**Sử dụng hàm IFERROR để trả giá trị lỗi =0**	
4	=10000^10000	#NUM!	0	
5	=25^10	9.53674E+13	9.53674E+13	
6				

Good luck!

You finished reading the article "**How to correct a #NUM error 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.