

# The square root formula in Excel - The square root function in Excel

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Excel is a spreadsheet to help you with tasks such as calculations or statistics. Excel has a variety of functions that make it easier to calculate, including the square root function **SQRT** and **SQRTPI** . Let **thuthutaphanmem.vn** learn about these two types of square root functions.

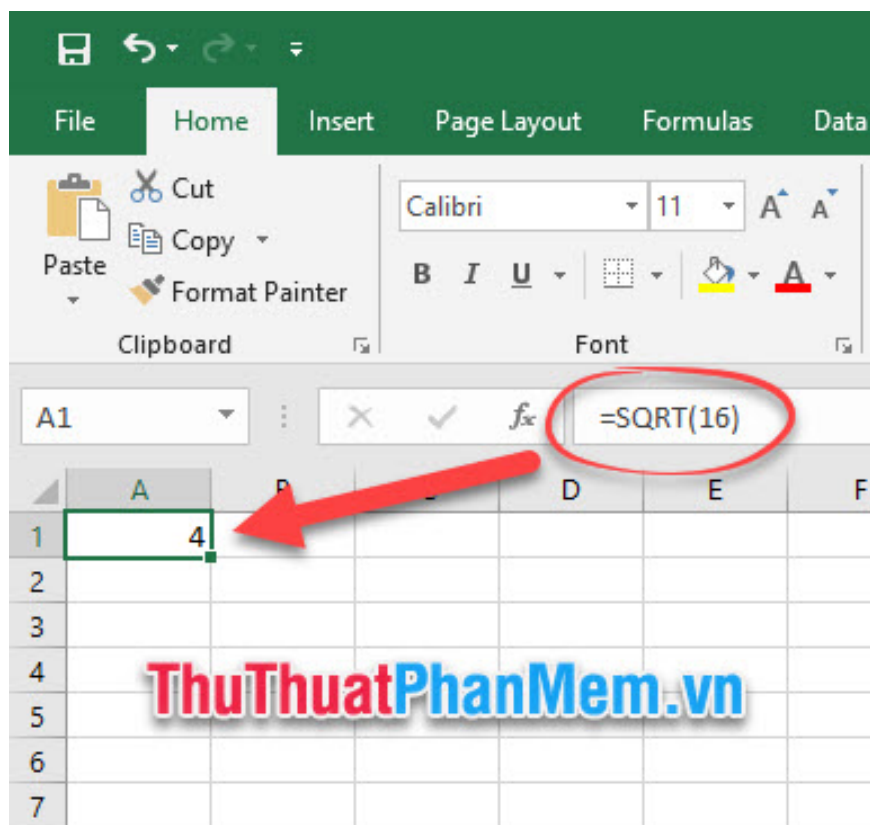
## 1. The square root function SQRT

*The square root of a number is a number  $x$  such that  $x^2 = a$ , or in other words, the number  $x$  whose square is  $a$ .*

*(Quote the concept of square root)*

In Excel, the basic square root function has the formula = SQRT (number to base)

Let's follow the example below to get a better idea of how to use this radical function.

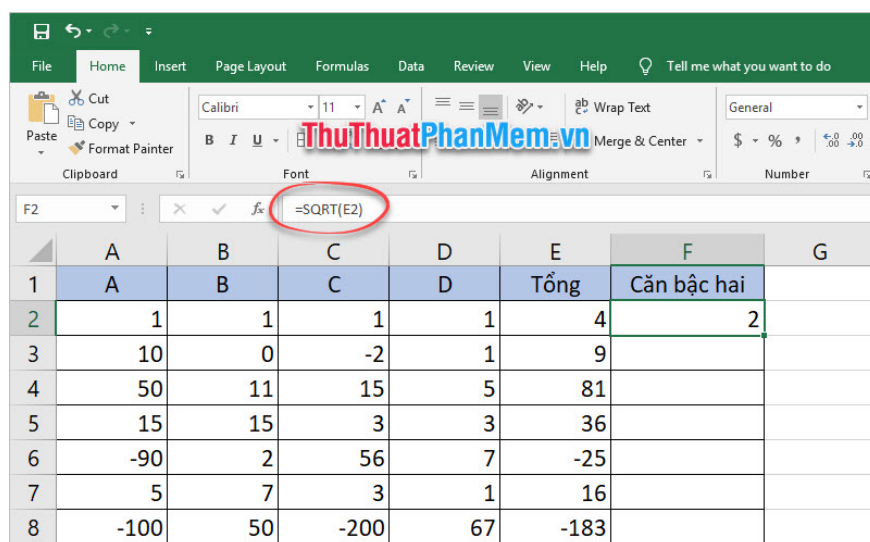


When we want to calculate the square root of 16, we use the following formula:

= SQRT (16)

The result is '4' and 4 is the square root of 16.

Of course, in spreadsheets with multiple columns and values ??that are related to each other, we won't simply calculate a specific number like 16. This function also allows you to calculate reference cells.



To calculate the square root of the value in cell E2, simply enter the formula:

= SQRT (E2)

You will see the result is 1, copy the formula down the line below by leaving the mouse in the lower right corner of the cell containing the formula (with blue square dots), clicking and dragging the mouse down or double-clicking the mark. dot.

	A	B	C	D	E	F	G
1	A	B	C	D	Tổng	Căn bậc hai	
2	1	1	1	1	4	2	
3	10	0	-2	1	9	3	
4	50	11	15	5	81	9	
5	15	15	3	3	36	6	
6	-90	2	56	7	-25	#NUM!	
7	5	7	3	1	16	4	
8	-100	50	-200	67	-183	#NUM!	
9							

If you get the result is #NUM! then the calculation has no result. Because the condition in the root of a number must always be greater than or equal to 0.

## 2. The square root function both ? SQRTPI

The difference between SQRTPI function and SQRT function is that the square root will multiply with ? before bringing the square root.

Meaning:  $SQRT(x) = SQRTPI(x?)$

	A	B	C	D	E	F	G
1	A	B	C	D	Tổng	Căn bậc hai	
2	1	1	1	1	4	3.544907702	
3	10	0	-2	1	9	5.317361553	
4	50	11	15	5	81	15.95208466	
5	15	15	3	3	36	10.63472311	
6	-90	2	56	7	-25	#NUM!	
7	5	7	3	1	16	7.089815404	
8	-100	50	-200	67	-183	#NUM!	

Thank you for following up on the article about square root functions in Excel.

I wish you successful implementation!

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