

WEEKNUM function - The function returns the week number of the year in Excel

WEEKNUM function - The function returns the ordinal number of the week of the year of the specified day in that week. There are 2 systems used in the function to determine the ordinal number of the week: - System 1: Week with January 1 is the first week of the year and numbered as 1. - System 2:

The following article introduces you to the **WEEKNUM** function - one of the functions in the date and time group function is very popular in Excel.

Hàm Weeknum

Description: The function returns the ordinal number of the week of the year for the particular day within that week. There are 2 systems used in the function to determine the week number:

- **System 1:** The week with January 1 is the first week of the year and is numbered 1.
- **System 2:** The first Thursday of the year is the first week and is numbered 1. This system is called the methodology defined in ISO 8601 (European numbered week).

Syntax: WEEKNUM (serial_number, [return_type])

Inside:

- **serial_number:** The value of the day of the week to calculate the order of the week, is a required parameter.
- **return_type:** The return value of the function, is an optional parameter including the following values:
 - + **return_type = 1** or skip -> week starting on Sunday and numbered 1.
 - + **return_type = 2** -> week starts on Monday and is numbered 1.
 - + **return_type = 11** -> week starting on Monday and numbered 1.
 - + **return_type = 12** -> week starting on the 3rd and numbered 1.
 - + **return_type = 13** -> week starts on Wednesday and is numbered 1.

- + **return_type = 14** -> week starts on the 5th and is numbered 1.
- + **return_type = 15** -> week starts on Friday and is numbered 1.
- + **return_type = 16** -> week starts on Saturday and is numbered 1.
- + **return_type = 17** -> **The** week starting on Sunday is numbered 1.
- + **return_type = 21** -> week starts on Monday and is numbered 2.

Attention:

- Excel stores dates as sequential serial numbers to facilitate the calculation process.
- If the **Serial_number** value is outside the basic range of the date value -> the function returns the **#NUM!** Error value
- If the **return_type** value is not in its values ??as above -> the function returns the **#NUM!** Error value

For example:

Calculate the ordinal number of the week in the year containing the following dates:

serial_number	return_type	Kết quả
1/1/2016	1	
1/1/2016	2	?
5/5/2015	11	
15/8/2015	14	
12/8/2015	19	

- In the cell to calculate enter the formula: = **WEEKNUM (E7, F7)**.

	D	E	F	G
3		Hàm WEEKNUM trong Excel		
4		<i>Nhóm hàm ngày tháng và thời gian</i>		
6		serial_number	return_type	Kết quả
7		1/1/2016	1	=WEEKNUM(E7,F7)
8		1/1/2016	2	
9		5/5/2015	11	
10		15/8/2015	14	
11		12/8/2015	19	

- Press **Enter** -> 1/1/2016 at the 1st week of the year:

	D	E	F	G
3		Hàm WEEKNUM trong Excel		
4		<i>Nhóm hàm ngày tháng và thời gian</i>		
6		serial_number	return_type	Kết quả
7		1/1/2016	1	1
8		1/1/2016	2	
9		5/5/2015	11	
10		15/8/2015	14	
11		12/8/2015	19	

- Similarly copying the formula for the remaining values ??results:

Formula bar: `=WEEKNUM(E7,F7)`

Hàm WEEKNUM trong Excel		
<i>Nhóm hàm ngày tháng và thời gian</i>		
serial_number	return_type	Kết quả
1/1/2016	1	1
1/1/2016	2	1
5/5/2015	11	19
15/8/2015	14	
12/8/2015	19	

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- Case:

+ The **serial_number** value is an invalid date -> the function returns the error value **#VALUE!**

+ The **return_type** value is outside the range of values ??-> the function returns the **#NUM!** Error value

Formula bar: `=WEEKNUM(E10,F10)`

Hàm WEEKNUM trong Excel		
<i>Nhóm hàm ngày tháng và thời gian</i>		
serial_number	return_type	Kết quả
1/1/2016	1	1
1/1/2016	2	1
5/5/2015	11	19
15/8/2015	14	#VALUE!
12/8/2015	19	#NUM!

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Above are instructions and some specific examples when working with **WEEKNUM** function in Excel.

Good luck!

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