Excel SUMIF function - syntax & usage

The SUMIF function is used to conditionally sum values based on a **single criteria**. We discussed its syntax in detail in the previous article, so let me give you just a quick summary now. SUMIF (range, criteria, [sum range])

range - the range of cells to be evaluated by your criteria, required.

criteria - the condition that must be met, required.

sum range - the cells to sum if the condition is met, optional.

As you see, the syntax of the Excel SUMIF function allows for one condition only. And still, we say that Excel SUMIF can be used to sum values with multiple criteria. How can that be? By adding the results of several SUMIF functions and by using SUMIF formulas with array criteria, as demonstrated in the examples that follow.

Excel SUMIFS function - syntax & usage

You use SUMIFS in Excel to find a conditional sum of values based on **multiple criteria**. The SUMIFS function was introduced in Excel 2007, so you can use it in all modern versions of Excel 2016, 2013, 2010 and 2007.

```
Compared to SUMIF, the SUMIFS syntax is a little bit more complex: SUMIFS(sum_range, criteria_range1, criteria1,[criteria_range2, criteria2],...)
```

The first 3 arguments are mandatory, additional ranges and their associated criteria are optional.

sum_range - one or more cells to sum, required. This can be a single cell, a range of cells or a
named range. Only cells with numbers are summed; blank and text values are ignored.

criteria_range1 - the first range to be evaluated by the associated criteria, required.

criteria1 - the first condition that must be met, required. You can supply the criteria in the form
of a number, logical expression, cell reference, text or another Excel function. For example you
can use criteria such as 10, ">=10", A1, "cherries" or TODAY().

criteria_range2, criteria2, ... - these are additional ranges and criteria associated with them, optional. You can use up to 127 range/criteria pairs in SUMIFS formulas.

Important! The SUMIFS function works with AND logic, meaning that each cell in the sum_range argument is summed only if all of the specified criteria are true for that cell.

And now, let's have a look at the Excel SUMIFS formula with two conditions. Suppose, you have a table listing the consignments of fruit from different suppliers. You have the fruit names in column A, suppliers' names in column B, and quantity in column C. What you want is to find out a sum of amounts relating to a given fruit and supplier, e.g. all apples supplied by Pete.

	Α	В	C	D	E	F
1	Product	Supplier	Qty.		Product:	Apples
2	Cherries	John	200		Supplier:	Pete
3	Bananas	Mike	350		Qty.:	?
4	Apples	Pete	180			
5	Oranges	Mike	400			
6	Bananas	John	250			
7	Apples	Mike	120			
8	Cherries	John	330			
9	Apples	Pete	110			

When you're learning something new, it's always a good idea to start with simple things. So, to begin with, let's define all the arguments for our SUMIFS formula:

sum_range - C2:C9 criteria_range1 - A2:A9 criteria1 - "apples" criteria_range2 - B2:B9 criteria2 - "Pete" Now assemble the above parameters, and you will get the following SUMIFS formula: =SUMIFS (C2:C9, A2:A9, "apples", B2:B9, "Pete")

F	3 ~	: X v	f _x	SUMIFS(C	2:C9, A2:A9,	"apples", B	2:B9, "Pet	te")		
	Α	В	С	D	Е	F	G			
1	Product	Supplier	Qty.		Product:	Apples				
2	Cherries	John	200		Supplier:	Pete				
3	Bananas	Mike	350		Qty.:	290				
4	Apples	Pete	180							
5	Oranges	Mike	400							
6	Bananas	John	250		Apples su 180+110=	ipplied by Pet	te:			
7	Apples	Mike	120		100+110-	-290				
8	Cherries	John	330							
9	Apples	Pete	110,							
10	criteria_range1 criteria_range2 sum_range									

To refine the formula further, you can replace the text criteria "apples" and "Pete" with cell references. In this case, you won't have to change the formula to calculate the quantity of other fruit from a different supplier:

=SUMIFS(C2:C9, A2:A9, F1, B2:B9, F2)

Using SUMIFS and SUMIF in Excel - things to remember

Since the aim of this tutorial is to cover all possible ways to sum values by several conditions, we will discuss formula examples with both functions - Excel SUMIFS and SUMIF with multiple criteria. To use them correctly, you need to clearly understand what these two functions have in common and in what way they are different.

While the common part is clear - similar destination and parameters - the differences are not so obvious, though very essential.

1. The order of arguments

In Excel SUMIF and SUMIFS functions, the order of arguments is different. In particular, sum_range is the 1st parameter in SUMIFS, but it is 3rd in SUMIF.

At first sight, it may seem that Microsoft deliberately complicates the learning curve for its users. However, upon a closer look, you will see the reasoning behind it. The point is that sum_range is optional in SUMIF. If you omit it, no problem, your SUMIF formula will sum values in the range (first parameter).

In SUMIFS, the sum_range is very important and obligatory, and that is why it comes first. Probably Microsoft guys thought that after adding the 10th or 100th range / criteria pair, someone might forget to specify the range to sum:)

Wrapping up, if you are copying and editing these functions, make sure you put the parameters in the right order.

2. The size of sum_range and criteria_range arguments

In the SUMIF function, the sum_range argument does not necessarily have to be of the same size as the range argument, as long as you have the top left cell right. In Excel SUMIFS, each criteria_range must contain the same number of rows and columns as the sum_range parameter.

For example, =SUMIF (A2:A9,F1,C2:C18) will return the correct result because Excel considers only the **upper leftmost** cell in the sum_range argument (C2 in this example, which is correct), and then includes as many columns and rows as contained in the range argument.

The SUMIFS formula =SUMIFS (C2:C9, A2:A9, "apples", B2:B10, "Pete") will return the #VALUE! error because criteria_range2 (B2:B10) does not match in size criteria_range1 (A2:A9) and

sum_range (C2:C9).

Alright, enough strategy (i.e. theory), let's get into the tactics (i.e. formula examples :)

How to use SUMIFS in Excel - formula examples

A moment ago, we discussed a simple SUMIFS formula with two text criteria. In the same manner, you can use Excel SUMIFS with multiple criteria expressed by numbers, dates, logical expressions, and other Excel functions.

Example 1. Excel SUMIFS with comparison operators

In our fruit suppliers table, suppose, you want to sum all deliveries by Mike with Qty. 200 or more. To do this, you use the comparison operator "greater than or equal to" (>=) in criteria2 and get the following SUMIFS formula:

=SUMIFS(C2:C9,B2:B9,"Mike",C2:C9,">=200")

F4	. •	\star : SUMIFS(C2:C9,B2:B9,"Mike",C2:C9,">=200"							
4	Α	В	С	D	Е	F	G		
1	Product	Supplier	Qty.		Product:	Any			
2	Cherries	John	250		Supplier:	Mike			
3	Bananas	Mike	200		Qty.:	>200			
4	Apples	Pete	180		Total:	600			
5	Oranges	Mike	400						
6	Bananas	John	250	Pro	iducts delivere	d by Mike wit	h		
7	Apples	Mike	120		Products delivered by Mike with Qty. 200 or more:				
8	Cherries	John	330	200	200+400=600				
9	Apples	Pete	110	200	J : 400=000				

Note. Please pay attention that in Excel SUMIFS formulas, logical expressions with comparison

operators should always be enclosed in double quotes ("").

We covered all possible comparison operators in detail when discussing Excel SUMIF function, the same operators can be used in SUMIFS criteria. For example, the following formula with return the sum of all values in cells C2:C9 that are greater than or equal to 200 and less than or equal to 300.

=SUMIFS (C2:C9, C2:C9, ">=200", C2:C9, "<=300")

Example 2. Using Excel SUMIFS with dates

In case you want to sum values with multiple criteria based on the current date, use the TODAY() function in your SUMIFS criteria, as demonstrated below. The following formula sums values in column D if a corresponding date in column C falls within the last 7 days, including today:

=SUMIFS (D2:D10, C2:C10,">="&TODAY()-7, C2:C10,"<="&TODAY())

	f_x =SUMIFS(D2:D10, C2:C10,">="&TODAY()-7, C2:C10,"<="&TODAY())											
	В	С	D		Е		F	G	Н			
F	Product	Delivery date	Qty.				Time:	Last 7 days				
(Cherries	22-Sep		77			Qty.:	160				
E	Bananas	3-Nov		52								
1	Apples	4-Dec		99								
(Oranges	23-Nov		73								
E	Bananas	30-Oct		50		Pro	ducts ship	ped in the last	7 days:			
1	Apples	2-Nov		58		52	+50+58=16	0				
(Cherries	8-Nov		90		Note. Current date is Nov-4.						
1	Apples	11-Feb		69		Note: Current date is Nov-4.						
E	Bananas	23-Mar		89								

Note. When you use another Excel function together with a logical operator in the criteria, you have to

use the ampersand (&) to concatenate a string, for example "<="&TODAY().

In a similar fashion, you can use the Excel SUMIF function to sum values in a given date range. For example, the following SUMIFS formula adds the values in cells C2:C9 if a date in column B falls between 1-Oct-2014 and 31-Oct-2014, inclusive.

```
=SUMIFS(C2:C9, B2:B9, ">=10/1/2014", B2:B9, "<=10/31/2014")
```

The same result can be achieved by calculating the difference of two SUMIF functions, as demonstrated in this example - How to use SUMIF to sum values in a given date range. However, Excel SUMIFS is much easier and more understandable, isn't it?

Example 3. Excel SUMIFS with blank and non-blank cells

When analyzing reports and other data, you may often need to sum values corresponding either to empty or non-empty cells.

	Criteria	Description	Formula Example
Blank cells	"="	Sum values corresponding to blank cells that contain absolutely nothing - no formula, no zero length string.	=SUMIFS(C2:C10, A2:A10, "=", B2:B10, "=") Sum values in cells C2:C10 if the corresponding cells in columns A and B are absolutely empty.
	.1111	Sum values corresponding to "visually" blank cells including those that contain empty strings returned by some other Excel function (for example, cells with a formula like ="").	=SUMIFS(C2:C10, A2:A10, "", B2:B10, "") Sum values in cells C2:C10 with the same conditions as the above formula, but includes empty strings.
Non- blank	" > "	Sum values corresponding to non-empty cells,	=SUMIFS(C2:C10, A2:A10, "♦", B2:B10, "♦")

cells		including zero length strings.	Sum values in cells C2:C10 if the corresponding cells in columns A and B are not empty, including cells with empty strings.
	SUM- SUMIF or SUM / LEN	Sum values corresponding to non-empty cells, not including zero length strings.	=SUM(C2:C10) - SUMIFS(C2:C10, A2:A10, "", B2:B10, "") =SUM((C2:C10) * (LEN(A2:A10)>0)*(LEN(B2:B10)>0)) Sum values in cells C2:C10 if the corresponding cells in columns A and B are not empty, cells with zero length strings are not included.

And now, let's see how you can use a SUMIFS formula with "blank" and "non-blank" criteria on real data. Suppose, you have an order date in column B, delivery date in column C and Qty. in column D. How do you find the total of products that have not been delivered yet? That is, you want to know the sum of values corresponding to non-empty cells in column B and empty cells in column C.

The solution is to use the SUMIFS formula with 2 criteria:

=SUMIFS(D2:D10, B2:B10,"<>", C2:C10,"=")

G2	G2 \Rightarrow : \times $f_{\mathcal{X}}$ =SUMIFS(D2:D10, B2:B10," \Leftrightarrow ", C2:C10,"=")									
	А	В	С	D	Е	F	G			
1	Product	Order date	Delivery date	Qty.		Status:	Not delivered			
2	Cherries	22-Sep	28-Sep	77		Qty.:	205			
3	Bananas	4-Nov	13-Nov	52						
4	Apples	4-Dec		90						
5	Oranges	23-Oct	26-Oct	73						
6	Bananas	30-Oct		50						
7	Apples			58	Total	of non-deliv	vered products:			
8	Cherries	8-Nov	17-Nov	90	90+5	90+50+65=205				
9	Apples	1-Dec		65	90+30+03=205					
10	Bananas	23-Dec	23-Dec	89						

Using Excel SUMIF with multiple OR criteria

As noted in the beginning of this tutorial, the SUMIFS function is designed with AND logic. But what if you need to sum values with multiple OR criteria, i.e. when at least one of the conditions is met?

Example 1. SUMIF + SUMIF

The simplest solution is to sum the results returned by several SUMIF functions. For example, the following formula demonstrates how to find the total of products delivered by Mike and John:

=SUMIF(C2:C9, "Mike", D2:D9) + SUMIF(C2:C9, "John", D2:D9)

=SUMIF(C2										
В	С	D)	Е	F	G	Н			
Product	Supplier	Qty.			Product:	Any				
Cherries	John		250		Supplier:	Mike				
Bananas	Mike		200		Supplier:	John				
Apples	Pete		180		Total:	1300				
Oranges	Mike		400							
Bananas	Pete		250	Produ	ucts delivered	by Mike & Jo	hn:			
Apples	Mike		120	250+	250+200+400+120+330=1300					
Cherries	John		330	250+200+400+120+330=1300						
Apples	Pete		110							

As you see, the first SUMIF function adds the quantities corresponding to "Mike", the other SUMIF function returns the amounts relating to "John" and then you add these 2 numbers.

Example 2. SUM & SUMIF with an array argument

The above solution is very simple and may get the job done quickly when there are only a couple of criteria. But a SUMIF + SUMIF formula may grow up enormously if you want to sum values with multiple OR conditions. In this case, a better approach is using an **array criteria** argument in the SUMIF function. Let's examine this approach now.

You can start by listing all of your conditions separated by commas and then enclose the resulting comma-separated list in {curly brackets}, which is technically called an array.

In the previous example, if you want to sum the products delivered by John, Mike and Pete, your array criteria will look like {"John","Mike","Pete"}. And the complete SUMIF function is SUMIF (C2:C9, {"John","Mike","Pete"}, D2:D9).

The array argument consisting of 3 values forces your SUMIF formula to return three separate results, but since we write the formula in a single cell, it would return the first result only - i.e. the total of products delivered by John. To get this array-criteria approach to work, you have to use one more little trick - enclose your SUMIF formula in a SUM function, like this:

=SUM(SUMIF(C2:C9, {"John", "Mike", "Pete"}, D2:D9))

$\checkmark f_x$		C2:C9, {"John",		•	A	
В	С	D	Е	F	G G	
Product	Supplier	Qty.		Product:	Any	
Cherries	John	250		Supplier:	Mike	
Bananas	Sally	200		Supplier:	John	
Apples	Pete	180		Supplier:	Pete	
Oranges	Mike	400		Total:	1060	
Bananas	Sally	250				
Apples	Mike	120	Pr	oducts delivered by Mike,		
Cherries	Sally	330	John and Pete:			
Apples	Pete 110		25	i0+180+400+1	120+110=1060	

As you see, an array criteria makes the formula much more compact compared to SUMIF + SUMIF, and lets you add as many values as you like in the array.

This approach works with numbers as well as with text values. For instance, if instead of the suppliers' names in column C, you had supplier IDs like 1, 2, 3 etc., then your SUMIF formula would look similar to this:

```
=SUM(SUMIF(C2:C9, {1,2,3}, D2:D9))
```

Unlike text values, numbers needn't be enclosed in double quotes in array arguments.

Example 3. SUMPRODUCT & SUMIF

In case, your preferred way is to list the criteria in some cells rather that specify them directly in the formula, you can use SUMIF in conjunction with the SUMPRODUCT function that multiplies components in the given arrays, and returns the sum of those products.

```
=SUMPRODUCT(SUMIF(C2:C9, G2:G4, D2:D9))
```

Where G2:G4 are the cells containing your criteria, the suppliers' names in our case, as illustrated in the screenshot below.

But of course, nothing prevents you from listing the values in an array criteria of your SUMIF function if you want to:

=SUMPRODUCT(SUMIF(C2:C9, {"Mike", "John", "Pete"}, D2:D9))

The result returned by both formulas will be identical to what you see in the screenshot:

$\checkmark f_x$	=SU	JMPRODUC [*]	T(SUMIF(C2:C	D2:D9))				
В		С	D	E	F	G	н	I
Product		Supplier	Qty.		Product:	Any		
Cherries		John	250		Supplier:	Mike	1	
Bananas		Sally	200		Supplier:	John	>-	Criteria
Apples		Pete	180		Supplier:	Pete	J	
Oranges		Mike	400		Total:	1060		
Bananas		Sally	250					
Apples		Mike	120					
Cherries		Sally	330					
Apples		Pete	110					

Excel SUMIFS with multiple OR criteria

If you want to conditionally sum values in Excel not simply with multiple OR conditions, but with several sets of conditions, you will have to use SUMIFS instead of SUMIF. The formulas will be very similar to what we've just discussed.

As usual, an example might help to illustrate the point better. In our table of fruit suppliers, let's add the Delivery Date (column E) and find the total quantity delivered by Mike, John and Pete in October.

Example 1. SUMIFS + SUMIFS

The formula produced by this approach includes a lot of repetition and looks cumbersome, but it is easy to understand and, most importantly, it works:)

```
=SUMIFS(D2:D9,C2:C9, "Mike", E2:E9,">=10/1/2014", E2:E9, "<=10/31/2014") + SUMIFS(D2:D9, C2:C9, "John", E2:E9, ">=10/1/2014", E2:E9, "<=10/31/2014") + SUMIFS(D2:D9, C2:C9, "Pete", E2:E9, ">=10/1/2014", E2:E9, "<=10/31/2014")
```

As you see, you write a separate SUMIFS function for each of the suppliers and include two conditions equal to or greater than Oct-1 (">=10/1/2014",) and less than or equal to Oct 31 ("<=10/31/2014"), and then you sum the results.

=SUMIFS(D2:D9,C2:C9, "Mike", E2:E9,">=10/1/2014", E2:E9, "<=10/31/2014") + SUMIFS(D2:D9, C2:C9, "John", E2:E9, ">=10/1/2014", E2:E9, "<=10/31/2014") + SUMIFS(D2:D9, C2:C9, "Pete", E2:E9, ">=10/1/2014", E2:E9, "<=10/31/2014") н В C D E F G Supplier **Delivery Date** Product Qty. Month: October 250 Supplier 1: Mike Cherries John 29-Oct Sally 200 Supplier 2: John 12-Nov Bananas Apples Pete 180 29-Oct Supplier 3: Pete Mike Total: 660 400 5-Nov Oranges Bananas Sally 4-Oct 250 Apples Mike 120 5-Oct Products delivered by Mike, John and Pete in October: Cherries Sally 330 24-Sep Apples Pete 110 30-Oct 250+180+120+110=660

Example 2. SUM & SUMIFS with an array argument

I've tried to explain the essence of this approach in the SUMIF example, so now we can simply copy that formula, change the order of arguments (as you remember it is different in SUMIF and SUMIFS) and add additional criteria. The resulting formula is more compact than SUMIFS + SUMIFS:

```
=SUM(SUMIFS(D2:D9,C2:C9, {"Mike", "John", "Pete"}, E2:E9,">=10/1/2014", E2:E9, "<=10/31/2014"))
```

The result returned by this formula is exactly the same as you see in the screenshot above.

Example 3. SUMPRODUCT & SUMIFS

As you remember, the SUMPRODUCT approach differs from the previous two in the way that you enter

each of your criteria in a separate cell rather that specify them directly in the formula. In case of several criteria sets, the SUMPRODUCT function won't suffice and you will have to employ ISNUMBER and MATCH as well.

So, assuming that the Supplies Names are in cells H1:H3, Start Date is in cell H4 and End Date in cell H5, our SUMPRODUCT formula takes the following shape:

=SUMPRODUCT(--(E2:E9>=H4), --(E2:E9<=H5), --(ISNUMBER(MATCH(C2:C9, H1:H3,0))), D2:D9)

U	=SUMPRODU (ISNUMBE		_				
В	С	D	Е	F	G	Н	
Product	Supplier	Qty.	Delivery Date		Supplier 1:	Mike	1
Cherries	John	250	29-Oct		Supplier 2:	John	Condi
Bananas	Sally	200	12-Nov		Supplier 3:	Pete	J
Apples	Pete	180	29-Oct		Start date:	1-Oct	Conditi
Oranges	Mike	400	5-Nov		End date:	31-Oct	Conditi
Bananas	Sally	250	4-Oct		Total:	660	
Apples	Mike	120	5-Oct				
Cherries	Sally	330	24-Sep				
Apples	Pete	110	30-Oct				

Many people wonder why use double dash (--) in SUMPRODUCT formulas. The point is that Excel SUMPRODUCT ignores all but numeric values, while the comparison operators in our formula return Boolean values (TRUE / FALSE), which are non-numeric. To convert these Boolean values to 1's and 0's, you use the double minus sign, which is technically called the double unary operator. The first unary coerces TRUE/FALSE to -1/0, respectively. The second unary negates the values, i.e. reverses the sign,

turning them into +1 and 0, which the SUMPRODUCT function can understand.

I hope the above explanation makes sense. And even if it doesn't, just remember this rule of thumb - use the double unary operator (--) when you are using comparison operators in your SUMPRODUCT formulas.

Using Excel SUM in array formulas

As you remember, Microsoft implemented the SUMIFS function in Excel 2007. If someone still uses Excel 2003, 2000 or earlier, you will have to use a SUM array formula to add values with multiple AND criteria. Naturally, this approach works in modern versions of Excel 2013 - 2007 too, and can be deemed an old-fashioned counterpart of the SUMIFS function.

In the SUMIF formulas discussed above, you have already used array arguments, but an array formula is something different.

Example 1. Sum with multiple AND criteria in Excel 2003 and earlier

Let's get back to the very first example where we found out a sum of amounts relating to a given fruit and supplier:

	Α	В	С	D	E	F
1	Product	Supplier	Qty.		Product:	Apples
2	Cherries	John	200		Supplier:	Pete
3	Bananas	Mike	350		Qty.:	?
4	Apples	Pete	180			
5	Oranges	Mike	400			
6	Bananas	John	250			
7	Apples	Mike	120			
8	Cherries	John	330			
9	Apples	Pete	110			

As you already know, this task is easily accomplished using an ordinary SUMIFS formula:

=SUMIFS(C2:C9, A2:A9, "apples", B2:B9, "Pete")

And now, let's see how the same task can be fulfilled in early "SUMIFS-free" versions of Excel. First off, you write down all the conditions that should be met in the form of range="condition". In this example, we have two range/condition pairs:

Condition 1: A2:A9="apples"

Condition 2: B2:B9="Pete"

Then, you write a SUM formulas that "multiplies" all of your range/condition pairs, each enclosed in brackets. The last multiplier is the sum range, C2:C9 in our case:

=SUM((A2:A9="apples") * (B2:B9="Pete") * (C2:C9))

As illustrated in the screenshot below, the formula perfectly works in the latest Excel 2013 version.

F3 *		$\times \checkmark j$	SUM(pples")*(B2	ples")*(B2:B9="Pete")*(C2:C9))}			
4	Α	В	С		D	Е	F	G
1	Product	Supplier	Qty.			Product:	Apples	
2	Cherries	John		200		Supplier:	Pete	
3	Bananas	Mike		350		Qty.:	290	
4	Apples	Pete		180				
5	Oranges	Mike		400				
6	Bananas	John		250		Using SUM array formula to		
7	Apples	Mike	120			sum with mu	a	
8	Cherries	John		330				
9	Apples	Pete		110				

Note. When entering any array formula, you must press Ctrl + Shift + Enter. Once you do this, your formula gets enclosed in {curly braces}, which is a visual indication that an array formula is entered

correctly. If you try typing the braces manually, your formula will be converted to a text string, and it won't work.

Example 2. SUM array formulas in modern Excel versions

Even in modern versions of Excel 2016, 2013, 2010 or 2007, the power of the SUM function should not be underestimated. The SUM array formula is not simply gymnastics of the mind, but has a practical value, as demonstrated in the following example.

Suppose, you have two columns, B and C, and you need to count how many times column C is greater than column B, when a value in column C is greater or equal to 10. An immediate solution that comes to mind is using the SUM array formula:

=SUM((C1:C10>=10) * (C1:C10>B1:B10)) {=SUM((C1:C10>=10)*(C1:C10>B1:B10))} C D E 24 C>=10 and C>B 6 45 44 12 20 7 18 12 12 How many times values in column C are greater than 36 5 in column B when C >= 10. 13 47 16 11 8 45 23

Don't see any practical application to the above formula? Think about it in another way:) Suppose, you have the orders list like shown in the screenshot below and you want to know how many

products have not been delivered in full by a given date. Translated into Excel's language, we have the following conditions:

Condition 1: A value in column B (Ordered items) is greater than 0

Condition 2: A value in column C (Delivered) in less than in column B

Condition 3: A date in column D (Due date) is less than 11/1/2014.

Putting the three range/condition pairs together, you get the following formula:

=SUM((B2:B10>=0) * (B2:B10>C2:C10) * (D2:D10<G2))

G1	1 *	: ×	$\checkmark f_x$	{=SUM((B2:B10>=0)*(B2:B10>C2:C10)*(D2:D10 <g2))}< th=""></g2))}<>				
	Α	В	С	D	Е	F	G	
1	Product	Ordered	Delivered	Due date		Not delivered in full:	3	
2	Cherries	44	44	29-Oct		Due date:	1-Nov	
3	Bananas	20	12	12-Oct				
4	Apples	18	7	29-Oct				
5	Oranges	12	12	5-Oct				
6	Lemons	0	0			The formula counts	how	
7	Kiwis	47	13	3-Dec		many products had		
8	Mangos	0	0			delivered in full by Nov-1.		
9	Peaches	11	8	30-Oct				
10	Grapefruit	45	45	4-Oct				