

How can I substitute multiple values in a cell using Excel's Substitute function?

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The Substitute function in Microsoft Excel allows users to replace specific text within a cell with a new value. This can be helpful when trying to make multiple substitutions within a single cell. To do this, the user must specify the original text, the text to be replaced, and the new text to replace it with. This function can save time and effort when dealing with large amounts of data, as it eliminates the need for manually making individual substitutions. It is a useful tool for efficient data management and manipulation in Excel.

Excel: Substitute Multiple Values in Cell

You can use the following formula to substitute multiple values in a cell in Excel:

```
=SUBSTITUTE(SUBSTITUTE(A1,"oldtext1","newtext1"),"oldtext2","newtext2")
```

This particular formula makes the following substitutions in the text in cell A1:

oldtext1 is replaced with **newtext1**
oldtext2 is replaced with **newtext2**

Note that in this example we substitute two values in a cell, but you can create as many nested SUBSTITUTE functions as you'd like to substitute as many values as you'd like.

The following example shows how to use this formula in practice.

Example: Substitute Multiple Values in Cell in Excel

Suppose we have the following dataset in Excel that contains information about various basketball players:

	A	B	C	D	E	F
1	Player	Position				
2	Andy	Guard				
3	Bob	Guard				
4	Chad	Forward				
5	Doug	Guard				
6	Eric	Forward				
7	Frank	Forward				
8	Greg	Guard				
9	Henry	Forward				
10	Isaac	Forward				
11	John	Guard				
12	Kendall	Guard				
13	Luke	Forward				
14						
15						
16						
17						
18						

We can use the following formula to substitute "Guard" with "Gd." and "Forward" with "Fd." for each value in the Position column:

=SUBSTITUTE(SUBSTITUTE(B2,"Guard","Gd."),"Forward","Fd.")

We'll type this formula into cell C2 and then click and drag it down to each remaining cell in column C:

C2	✕	✓	<i>fx</i>	=SUBSTITUTE(SUBSTITUTE(B2,"Guard","Gd."),"Forward","Fd.")				
	A	B	C	D	E	F	G	H
1	Player	Position	Substituted Values					
2	Andy	Guard	Gd.					
3	Bob	Guard	Gd.					
4	Chad	Forward	Fd.					
5	Doug	Guard	Gd.					
6	Eric	Forward	Fd.					
7	Frank	Forward	Fd.					
8	Greg	Guard	Gd.					
9	Henry	Forward	Fd.					
10	Isaac	Forward	Fd.					
11	John	Guard	Gd.					
12	Kendall	Guard	Gd.					
13	Luke	Forward	Fd.					
14								
15								
16								
17								

Notice that the following substitutions were made in each cell in column A:

The string "Guard" was replaced with "Gd."The string "Forward" was replaced with Fd."

Note: If none of the strings in the formula are found in the text that you search, then the formula will simply return the original text without any substitutions.