How to Calculate a Sum Based on ‘Not Equal To’ Criteria

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November 30, 2025

To calculate the sum of cells that are not equal to a specific value, you can use the SUMIF() function which takes three arguments: the range of cells to be evaluated, the criteria to be used to determine which cells to include in the sum, and the range of cells to sum. For example, if you wanted to sum all of the cells in a column that were not equal to 'X', you would enter "=SUMIF(A:A,"<>X", A:A)" into the formula bar. This would return the sum of all cells in the column that did not equal 'X'.

You can use the following formulas to calculate the sum of values in Excel for cells that are not equal to some value:

Method 1: Calculate Sum If Cells Not Equal to Value

=SUMIF(A1:A100, "<>value", B1:B100)

This formula calculates the sum of values in **B1:B100** where the value in **A1:A100** is not equal to **value**.

Method 2: Calculate Sum If Cells Not Equal to Several Values

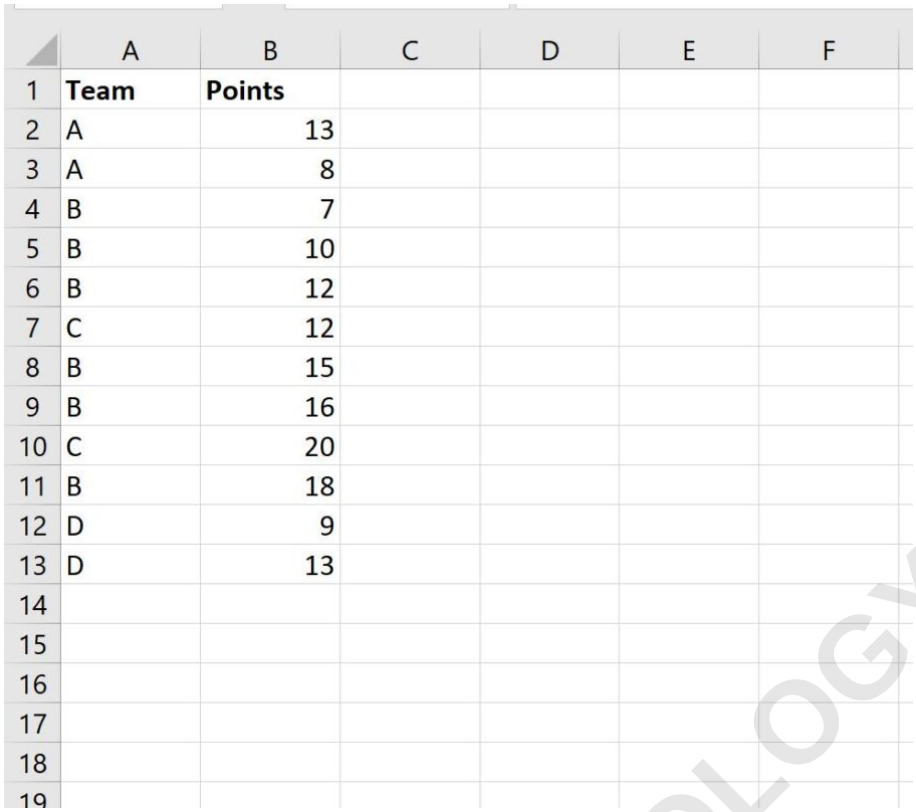
=SUMIFS(B1:B100, A1:A100, "<>val1", A1:A100, "<>val2", A1:A100, "<>val3")

This formula calculates the sum of values in **B1:B100** where the value in **A1:A100** is not equal to **val1** *or* **val2** *or* **val3**.

The following examples show how to use each method in practice.

Example 1: Calculate Sum If Cells Not Equal to Value

Suppose we have the following data in Excel:

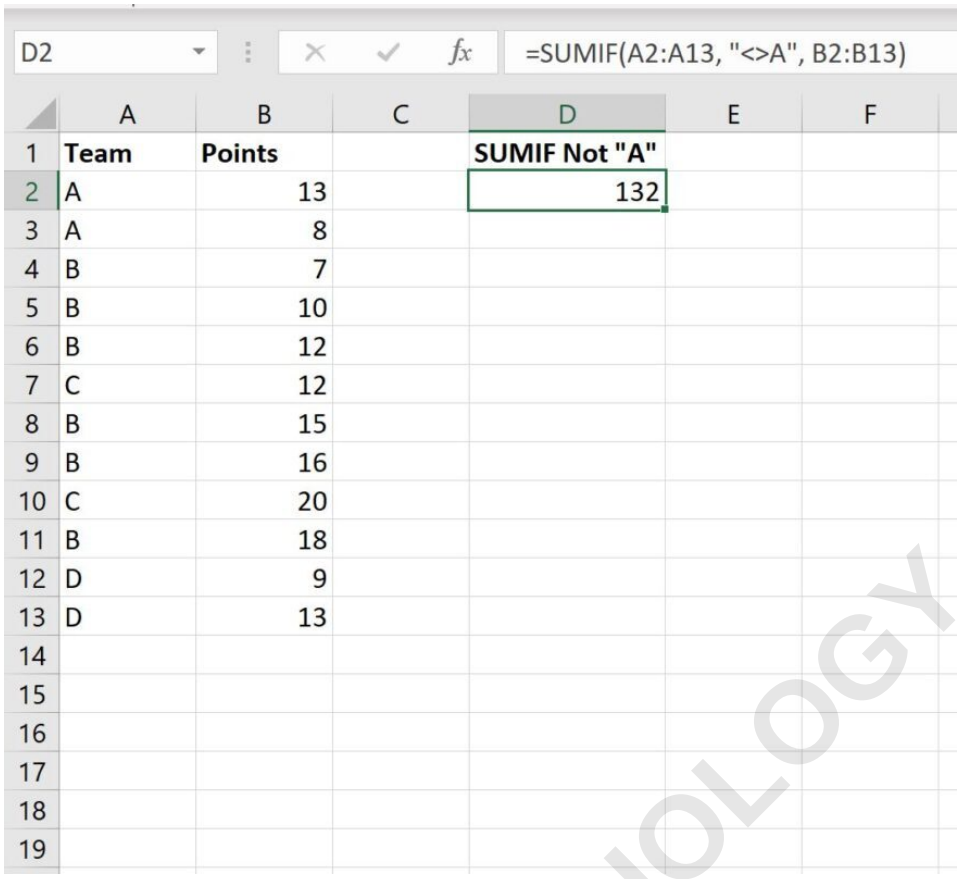


	A	B	C	D	E	F
1	**Team**	**Points**				
2	A	13				
3	A	8				
4	B	7				
5	B	10				
6	B	12				
7	C	12				
8	B	15				
9	B	16				
10	C	20				
11	B	18				
12	D	9				
13	D	13				
14						
15						
16						
17						
18						
19						

We can use the following formula to calculate the sum of values in the **Points** column where the **Team** column is not equal to A:

=SUMIF(A1:A100, "<>value", B1:B100)

The following screenshot shows how to use this formula in practice:



	A	B	C	D	E	F
1	**Team**	**Points**		**SUMIF Not "A"**		
2	A	13		132		
3	A	8				
4	B	7				
5	B	10				
6	B	12				
7	C	12				
8	B	15				
9	B	16				
10	C	20				
11	B	18				
12	D	9				
13	D	13				
14						
15						
16						
17						
18						
19						

The sum of the cells in the **Points** column where the cell in the **Team** column is not equal to "A" is **132**.

We can verify this by manually calculating the sum of the **Points** column for all cells where the **Team** column is not equal to "A":

Example 2: Calculate Sum If Cells Not Equal to Several Values

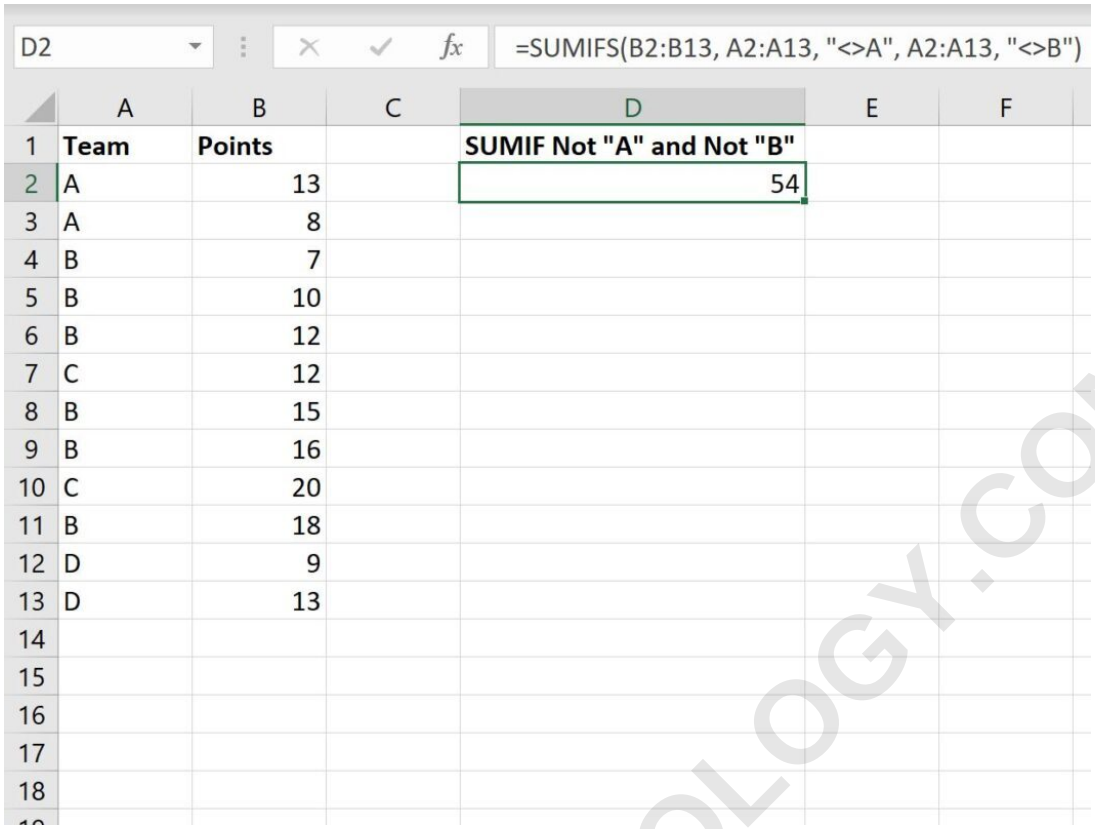
Once again suppose we have the following data in Excel:

	A	B	C	D	E	F
1	**Team**	**Points**				
2	A	13				
3	A	8				
4	B	7				
5	B	10				
6	B	12				
7	C	12				
8	B	15				
9	B	16				
10	C	20				
11	B	18				
12	D	9				
13	D	13				
14						
15						
16						
17						
18						
19						

We can use the following formula to calculate the sum of values in the **Points** column where the **Team** column is not equal to A *or* B:

=SUMIFS(B2:B13, A2:A13, "<>A", A2:A13, "<>B")

The following screenshot shows how to use this formula in practice:



	A	B	C	D	E	F
1	**Team**	**Points**		**SUMIF Not "A" and Not "B"**		
2	A	13		54		
3	A	8				
4	B	7				
5	B	10				
6	B	12				
7	C	12				
8	B	15				
9	B	16				
10	C	20				
11	B	18				
12	D	9				
13	D	13				
14						
15						
16						
17						
18						

The sum of the cells in the **Points** column where the cell in the **Team** column is not equal to "A" *or* "B" is **54**.

We can verify this by manually calculating the sum of the **Points** column for all cells where the **Team** column is not equal to "A" or "B":

Sum of Points: 12 + 20 + 9 + 13 = **54**.