

# How can I combine the IF and OR functions in Google Sheets?

Authored by  
**stats writer**

May 15, 2024

## RECOMMENDED CITATION

stats writer (2024). *How can I combine the IF and OR functions in Google Sheets?*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=144304>

The combination of IF and OR functions in Google Sheets allows users to create more complex logical statements that can meet multiple conditions. This can be achieved by using the IF function to set a condition and the OR function to specify additional criteria that can be met for the statement to be true. By utilizing these two functions together, users can effectively filter and manipulate data in their spreadsheet based on specific conditions and multiple criteria. This can greatly enhance the efficiency and accuracy of data analysis and decision making in Google Sheets.

## Combine the IF and OR Functions in Google Sheets

You can use the following basic syntax to use the IF and OR functions together in Google Sheets to determine if some cell meets one of multiple criteria:

```
=IF(OR(A2="String",B2>10),"value1","value2")
```

If the value in cell A2 is equal to "String" or if the value in cell B2 is greater than 10, then we return value1, otherwise we return value2.

Note that we can use as many logical comparisons as we'd like within the OR function.

The following examples show how to use this syntax in practice.

### Example 1: Combine IF and OR Functions with String Comparisons

Suppose we have a column that contains the names of

## NBA teams and we'd like to determine if each team is based in Texas:

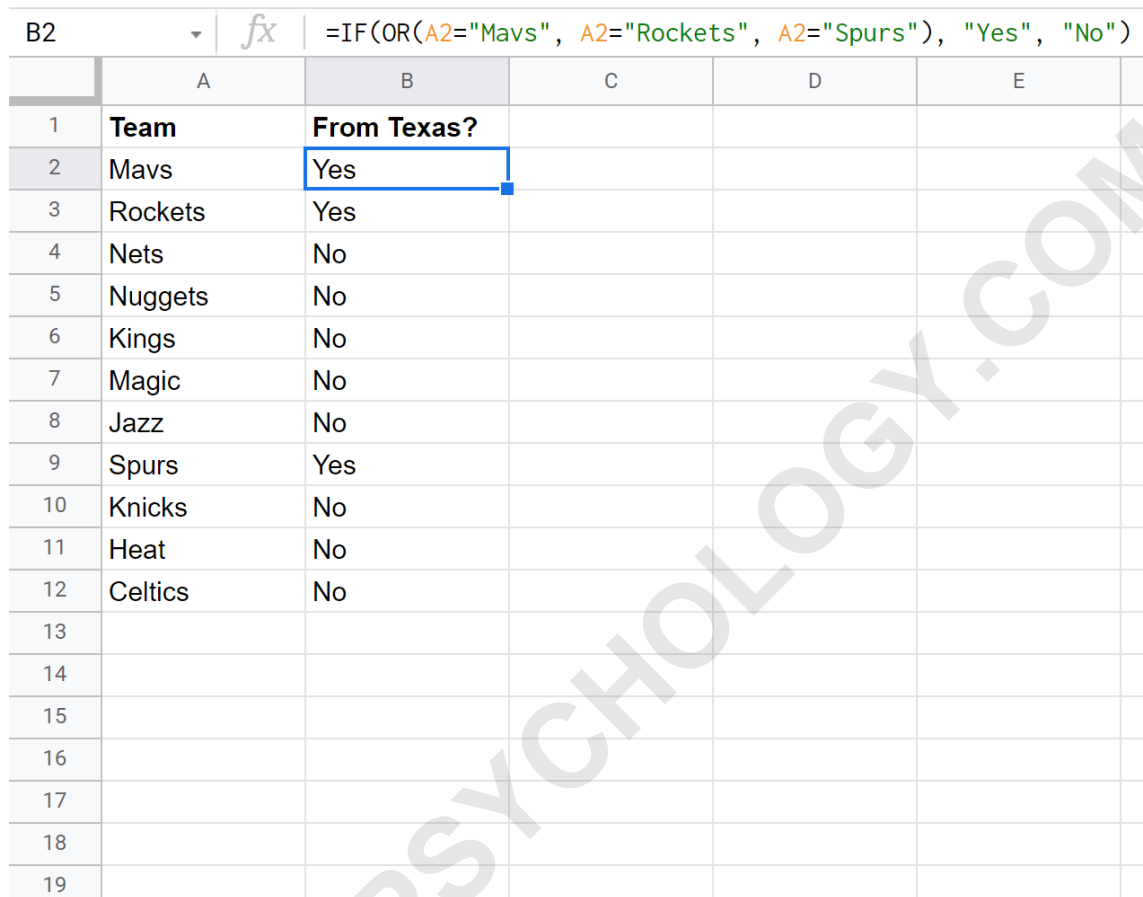
	A	B	C	D
1	<b>Team</b>	<b>From Texas?</b>		
2	Mavs			
3	Rockets			
4	Nets			
5	Nuggets			
6	Kings			
7	Magic			
8	Jazz			
9	Spurs			
10	Knicks			
11	Heat			
12	Celtics			
13				
14				
15				
16				
17				
18				
19				
20				

**Note that the only teams that are based in Texas are the Mavs, Rockets, and Spurs.**

**We can use the following formula with the IF and OR functions to determine if each team is based in Texas:**

**=IF(OR(A2="Mavs",A2="Rockets",A2="Spurs"),"Yes","No")**

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



	A	B	C	D	E
1	<b>Team</b>	<b>From Texas?</b>			
2	Mavs	Yes			
3	Rockets	Yes			
4	Nets	No			
5	Nuggets	No			
6	Kings	No			
7	Magic	No			
8	Jazz	No			
9	Spurs	Yes			
10	Knicks	No			
11	Heat	No			
12	Celtics	No			
13					
14					
15					
16					
17					
18					
19					

If a given team is from Texas, we return a value of "Yes", otherwise we return "No."

**Example 2: Combine IF and OR Functions with Numeric Comparisons**

Suppose we have columns that contain the number of points and assists for various basketball players and we'd like to classify each player as "Good" or "Bad."

	A	B	C	D	
1	<b>Points</b>	<b>Assists</b>	<b>Status</b>		
2	22	6			
3	25	7			
4	27	2			
5	19	5			
6	15	4			
7	26	11			
8	30	4			
9	7	12			
10	13	14			
11	16	3			
12					
13					
14					
15					
16					
17					
18					
19					
20					

**We can use the following formula with the IF and OR functions to determine if each player should be classified as "Good" or "Bad":**

**=IF(OR(A2>20,B2>10),"Good","Bad")**

**The following screenshot shows how to use this syntax in practice:**

C2 fx =IF(OR(A2>20, B2>10), "Good", "Bad")

	A	B	C	D
1	<b>Points</b>	<b>Assists</b>	<b>Status</b>	
2	22	6	Good	
3	25	7	Good	
4	27	2	Good	
5	19	5	Bad	
6	15	4	Bad	
7	26	11	Good	
8	30	4	Good	
9	7	12	Good	
10	13	14	Good	
11	16	3	Bad	
12				
13				
14				
15				
16				
17				
18				
19				

If a given player has more than 20 points *or* more than 10 assists, we classify them as "Good."

Otherwise we classify them as "Bad."