

# How can I use ISERROR in Google Sheets?

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## RECOMMENDED CITATION

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ISERROR is a function in Google Sheets that allows users to identify and handle any errors that may occur in their spreadsheet. By using this function, users can easily detect errors such as #DIV/0!, #VALUE!, #REF!, and #N/A and replace them with a desired value or formula. This helps to ensure the accuracy and reliability of the data in the spreadsheet. To use ISERROR, simply enter the function followed by the cell or range of cells where the error may occur. This function is especially useful for data validation and error handling in complex spreadsheets.

## Use ISERROR in Google Sheets (With Examples)

The ISERROR function in Google Sheets can be used to check whether a value in a specific cell is an error.

This function uses the following basic syntax:

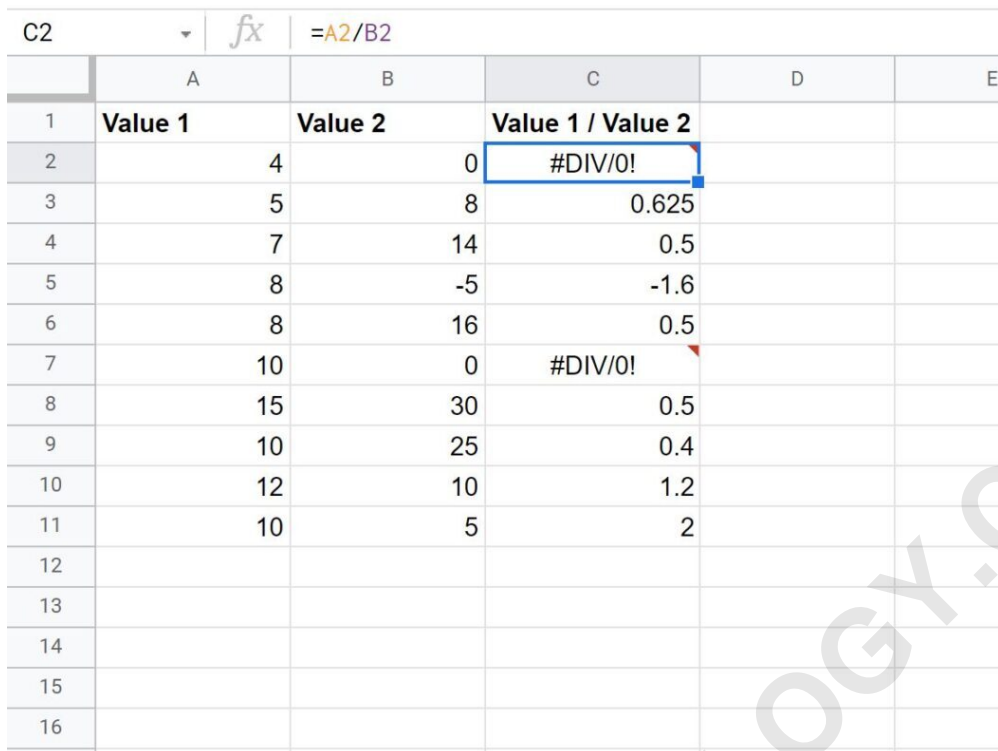
**=ISERROR(A1)**

This function returns TRUE if the value in cell A1 is an error, otherwise it returns FALSE.

The following examples show to use this function in two different scenarios in Google Sheets.

**Example 1: Use ISERROR to Return New Value**

**Suppose we attempt to divide the values in column A by the values in column B in the following Google Sheets spreadsheet:**



The screenshot shows a Google Sheet with the following data:

	A	B	C	D	E
1	<b>Value 1</b>	<b>Value 2</b>	<b>Value 1 / Value 2</b>		
2	4	0	#DIV/0!		
3	5	8	0.625		
4	7	14	0.5		
5	8	-5	-1.6		
6	8	16	0.5		
7	10	0	#DIV/0!		
8	15	30	0.5		
9	10	25	0.4		
10	12	10	1.2		
11	10	5	2		
12					
13					
14					
15					
16					

The formula bar at the top shows the formula `=A2/B2` in cell C2.

When dividing by zero, we get #DIV/0! as a result in column C.

We could use the following formula to instead return a value of "Invalid Division" as a result:

**`=IF(ISERROR(A2/B2), "Invalid Division", A2/B2)`**

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

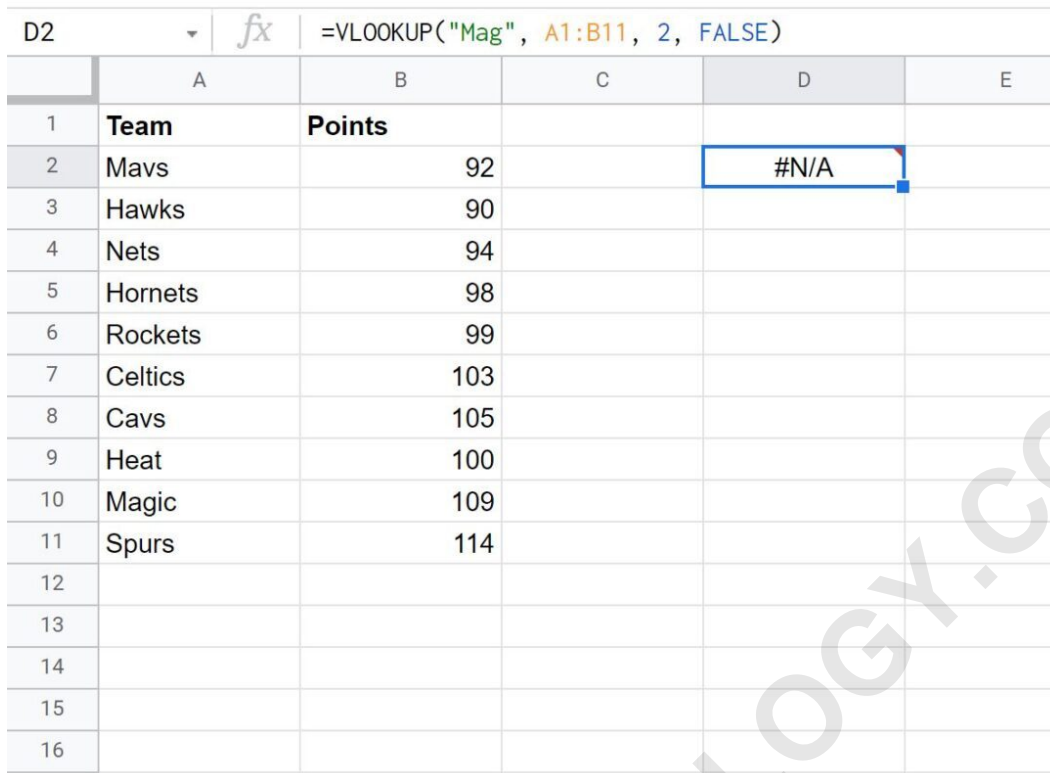
	A	B	C	D	E
C2			=IF(ISERROR(A2/B2), "Invalid Division", A2/B2)		
1	Value 1	Value 2	Value 1 / Value 2		
2	4	0	Invalid Division		
3	5	8	0.625		
4	7	14	0.5		
5	8	-5	-1.6		
6	8	16	0.5		
7	10	0	Invalid Division		
8	15	30	0.5		
9	10	25	0.4		
10	12	10	1.2		
11	10	5	2		
12					
13					
14					
15					

If the function `ISERROR(A2/B2)` is TRUE, then "Invalid Division" is returned.

Otherwise, if the function `ISERROR(A2/B2)` is FALSE, then the result of `A2/B2` is returned.

**Example 2: Use ISERROR with VLOOKUP**

Suppose we attempt to perform a `VLOOKUP` in the following spreadsheet to find the value in the Points column that corresponds to a name of "Mag" in the Team column:



	A	B	C	D	E
1	<b>Team</b>	<b>Points</b>			
2	Mavs	92		#N/A	
3	Hawks	90			
4	Nets	94			
5	Hornets	98			
6	Rockets	99			
7	Celtics	103			
8	Cavs	105			
9	Heat	100			
10	Magic	109			
11	Spurs	114			
12					
13					
14					
15					
16					

Since the name "Mag" does not exist in the Team column, we receive #N/A as a result.

We could instead use the following formula to return a value of "Team Does Not Exist" if the VLOOKUP formula is unable to find the team name:

```
=IF(ISERROR(VLOOKUP("Mag",A1:B11,2,FALSE)),"Team Does Not Exist",VLOOKUP("Mag",A1:B11,2,FALSE))
```

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

	A	B	C	D	E	F
D2						
1	<b>Team</b>	<b>Points</b>				
2	Mavs	92		Team Does Not Exist		
3	Hawks	90				
4	Nets	94				
5	Hornets	98				
6	Rockets	99				
7	Celtics	103				
8	Cavs	105				
9	Heat	100				
10	Magic	109				
11	Spurs	114				
12						
13						
14						
15						
16						
17						

Since the name "Mag" does not exist in the Team column, the formula returns "Team Does Not Exist" as a result instead of #N/A.

**Note:** You can find the complete online documentation for the ISERROR function .

#### Additional Resources

The following tutorials explain how to perform other common tasks in Google Sheets: