

# How can I use XLOOKUP in Google Sheets? Can you provide an example?

Authored by  
**stats writer**

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## RECOMMENDED CITATION

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XLOOKUP is a function in Google Sheets that allows users to search for a specific value in a range of cells and return a corresponding value from another column. To use XLOOKUP, the formula must include the search key, the search range, the return range, and any optional arguments. For example, "`=XLOOKUP(A2,A2:A10,B2:B10)`" would search for the value in cell A2 within the range A2:A10 and return the corresponding value from the range B2:B10. This function is useful for quickly finding data in a large dataset and can be used for various purposes such as data analysis and organizing information.

## Use XLOOKUP in Google Sheets (With Example)

The XLOOKUP function in Google Sheets can be used to look up a value in a range and return some corresponding value.

This function uses the following basic syntax:

`=XLOOKUP(search_key, lookup_range, result_range)`

where:

**search\_key:** The value to search for.  
**lookup\_range:** The range to search in.  
**result\_range:** The range that contains the value to return.

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

**Example: How to Use XLOOKUP in Google Sheets**

**Suppose we have the following dataset in Google Sheets that contains information about various basketball players:**

	A	B	C	D	
1	<b>Team</b>	<b>Rebounds</b>	<b>Points</b>		
2	Mavericks	12	22		
3	Pacers	14	25		
4	Pacers	8	24		
5	Hornets	7	24		
6	Rockets	11	25		
7	Pacers	19	19		
8	Rockets	15	15		
9	Nets	14	24		
10	Rockets	10	30		
11	Hornets	12	34		
12					
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**We can use the following XLOOKUP function in Google Sheets to look up the value in E2 in the range A2:A11 and return the corresponding value in the range C2:C11:**

**=XLOOKUP(E2,A2:A11, C2:C11)**

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

F2    fx    =XLOOKUP(E2, A2:A11, C2:C11)

	A	B	C	D	E	F
1	<b>Team</b>	<b>Rebounds</b>	<b>Points</b>		<b>Team</b>	<b>Points</b>
2	Mavericks	12	22		Rockets	25
3	Pacers	14	25			
4	Pacers	8	24			
5	Hornets	7	24			
6	Rockets	11	25			
7	Pacers	19	19			
8	Rockets	15	15			
9	Nets	14	24			
10	Rockets	10	30			
11	Hornets	12	34			
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The XLOOKUP function looks up the value "Rockets" in column A and returns the corresponding value in the "Points" column.

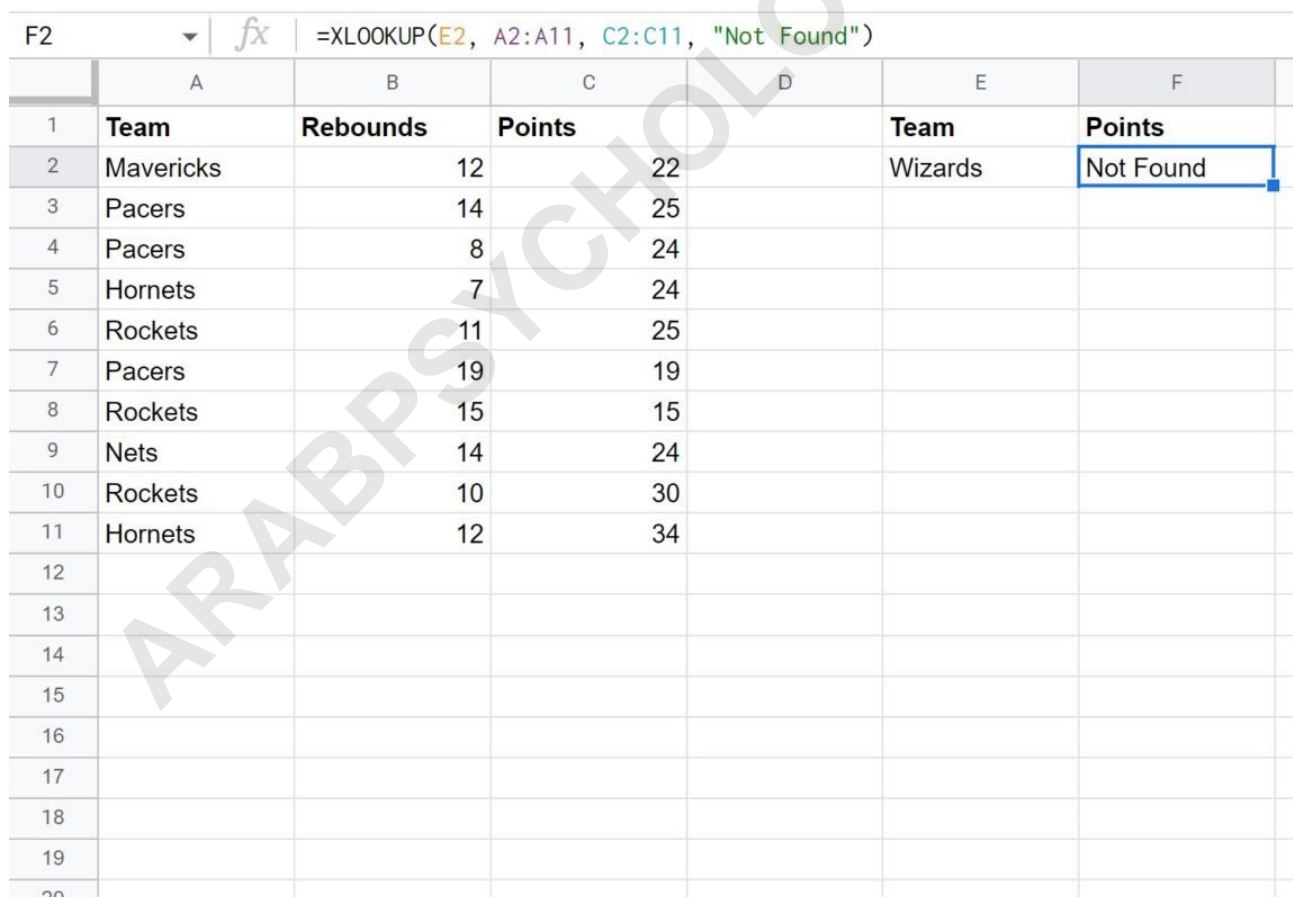
Note that you can also use a fourth argument in the XLOOKUP function to specify what value should be returned if no match is found.

**Note: The default is to return #N/A if no match is found.**

**For example, we can use the following formula to return "Not Found" if no match is found:**

**=XLOOKUP(E2,A2:A11, C2:C11, "Not Found")**

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



	A	B	C	D	E	F
1	<b>Team</b>	<b>Rebounds</b>	<b>Points</b>		<b>Team</b>	<b>Points</b>
2	Mavericks	12	22		Wizards	Not Found
3	Pacers	14	25			
4	Pacers	8	24			
5	Hornets	7	24			
6	Rockets	11	25			
7	Pacers	19	19			
8	Rockets	15	15			
9	Nets	14	24			
10	Rockets	10	30			
11	Hornets	12	34			
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**Since "Wizards" doesn't exist in column A, a value of**

**"Not Found" is returned.**

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

**Additional Resources**

ARABPSYCHOLOGY.COM