



# Locate Maximum Value in Excel

To find the maximum value in Excel, use the MAX function. To find the cell address of the maximum value in a column, use MAX, MATCH and ADDRESS.

1. First, we use the MAX function to find the maximum value in column A.

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2. Second, we use the MATCH function to find the row number of the maximum value.

C1	:	X	✓	f <sub>x</sub>	=MATCH(MAX(A:A),A:A,0)
	A	B	C	D	E
1			7		
2					
3	6				
4	3				
5	1				
6	5				

0	5
7	12
8	8
9	

Explanation: the MATCH function reduces to =MATCH(12,A:A,0), 7. The MATCH function returns the position of the maximum value in column A. Set the third argument to 0 to return an exact match.

3. Finally, we use the ADDRESS function to return the cell address.

C1	A	B	C	D	E	F	G	H	I
1			\$A\$7						
2									
3	6								
4	3								
5	1								
6	5								
7	12								
8	8								
9									

Explanation: the ADDRESS function in Excel creates a cell reference as text, based on a given row and column number. The ADDRESS function reduces to =ADDRESS(7,1), \$A\$7.

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