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This example teaches you how to find the cell address of the maximum value in a column.

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

| C1 | fx | =MAX(A:A) |

	A	B	C	D	E	F	G	H	I
1			12						
2									
3	6								
4	3								
5	1								
6	5								
7	12								
8	8								
9									
10									

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

| C1 | fx | =MATCH(MAX(A:A),A:A,0) |

	A	B	C	D	E	F	G	H	I
1			7						
2									
3	6								
4	3								
5	1								
6	5								
7	12								
8	8								
9									
10									

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	▾	*fx*	=ADDRESS(MATCH(MAX(A:A),A:A,0),1)					
	A	B	C	D	E	F	G	H	I
1			A7						
2									
3	6								
4	3								
5	1								
6	5								
7	12								
8	8								
9									
10									

Explanation: the ADDRESS function reduces to =ADDRESS(7,1), A7. The first argument specifies the row number. The second argument specifies the column number.

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