

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

=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									

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=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								

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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