Cetiri

Mirko has chosen four integers which form an arithmetic progression. In other words, when the four numbers are sorted, then the difference between each pair of **adjacent** elements is **constant**.

As has become usual, Mirko **lost** one of the numbers and also is not sure whether the remaining three are in the correct (sorted) order.

Write a program that, given the three remaining numbers, finds the fourth number.

Input

The input contains 3 integers between -100 and 100 on a single line, separated by single spaces.

Note: the input data will guarantee that a solution, although not necessarily unique, will always exist.

Output

Output any number which could have been the fourth number in the sequence.

Sample Input 1	Sample Output 1
4 6 8	10

Sample Input 2	Sample Output 2
10 1 4	7