1. 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 test data

input	**input**
4 6 8	10 1 4
output	**output**
10	7