Cetiri

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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

```
4 6 8
```

Sample Output 1

```
10
```

Sample Input 2

```
10 1 4
```

Sample Output 2

```
7
```

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