

## Problem F. Same Integers

**Time limit** 2000 ms

**Mem limit** 262144 kB

### Problem Statement

You are given three integers  $A$ ,  $B$  and  $C$ . Find the minimum number of operations required to make  $A$ ,  $B$  and  $C$  all equal by repeatedly performing the following two kinds of operations in any order:

- Choose two among  $A$ ,  $B$  and  $C$ , then increase both by 1.
- Choose one among  $A$ ,  $B$  and  $C$ , then increase it by 2.

It can be proved that we can always make  $A$ ,  $B$  and  $C$  all equal by repeatedly performing these operations.

### Constraints

- $0 \leq A, B, C \leq 50$
- All values in input are integers.

### Input

Input is given from Standard Input in the following format:

$A$   $B$   $C$

### Output

Print the minimum number of operations required to make  $A$ ,  $B$  and  $C$  all equal.

#### Sample 1

Input	Output
2 5 4	2

We can make  $A$ ,  $B$  and  $C$  all equal by the following operations:

- Increase  $A$  and  $C$  by 1. Now,  $A$ ,  $B$ ,  $C$  are 3, 5, 5, respectively.
- Increase  $A$  by 2. Now,  $A$ ,  $B$ ,  $C$  are 5, 5, 5, respectively.

#### Sample 2

Input	Output
2 6 3	5

**Sample 3**

Input	Output
31 41 5	23