Alice and Bob each created one problem for HackerRank. A reviewer rates the two challenges, awarding points on a scale from to for three categories: *problem clarity*, *originality*, and *difficulty*.

We define the rating for Alice's challenge to be the triplet , and the rating for Bob's challenge to be the triplet .

Your task is to find their *comparison points* by comparing with , with , and with .

* If , then Alice is awarded point.
* If , then Bob is awarded point.
* If , then neither person receives a point.

Comparison points is the total points a person earned.

Given and , can you compare the two challenges and print their respective comparison points?

**Input Format**

The first line contains space-separated integers, , , and , describing the respective values in triplet .   
The second line contains space-separated integers, , , and , describing the respective values in triplet .

**Constraints**

**Output Format**

Print two space-separated integers denoting the respective comparison points earned by Alice and Bob.

**Sample Input**

5 6 7

3 6 10

**Sample Output**

1 1

**Explanation**

In this example:

Now, let's compare each individual score:

* , so Alice receives point.
* , so nobody receives a point.
* , so Bob receives point.

Alice's comparison score is , and Bob's comparison score is . Thus, we print 1 1 (Alice's comparison score followed by Bob's comparison score) on a single line.