MWC '15 #4 P1: Love Guru 2

After a scandal in which **Hypnova**'s clients discovered that his match-making algorithms were dependent on the two individual's names, he is trying to recover.

Hypnova says:

> Love is dependent on the individual

Hypnova demonstrates this by using a love triangle consisting of 3 people, A, B and C. As **Hypnova** is busy dealing with unhappy clients, he has no time to create a program to demonstrate this. Surely, he has called upon your help!

You can read about **Hypnova**'s love match algorithm here. In short, each person's name is applied to a non-random, mathematical function which returns a value $[1, 10]$. The compatibility of two people are the sum of the two results from the function. Thus, the compatibility between two people is $[2, 20]$.

Given 3 integers, three compatibilities between the three people $((A, B), (B, C)$ and $(A, C))$, find the maximum compatibility that A, B and C can have with anyone.

Input Specification

3 space separated integers: the compatibilities explained above. The numbers are in the range $[2, 20]$. It is guaranteed that the 3 compatibilities are possible.

Output Specification

3 space separated integers denoting the maximum compatibility of A, B and C respectively. The numbers should be in the range $[2, 20]$.

Sample Input

```
20
15
15
```

Sample Output

```
20
20
15
```