WOSS Dual Olympiad 2023 J2: 3 Numbers

Time limit: 2.0s   **Memory limit:** 1G

Pororo the penguin is playing with numbers! He is given 3 integers: A, B, and C. He can multiply or add the three numbers in any order, but he wants to get the largest possible result using **all** three numbers. For example, valid results are $A \times (C + B)$, $(C \times A) + B$, or $A + B + C$. Help him figure out the largest possible result!

Constraints

$-100 \leq A, B, C \leq 100$

Input Specification

The first line contains 3 space-separated integers, A, B, and C.

Output Specification

Output a single integer, the largest result obtainable by multiplying and/or adding all 3 numbers in any order.

Sample Input 1

```
-1 3 5
```

Sample Output 1

```
14
```

Explanation of Sample 1

$(3 \times 5) + (-1) = 14$

Sample Input 2

```
-1 -3 5
```

Sample Output 2

15

Explanation of Sample 2

$(-1) \times (-3) \times 5 = 15$