

A. Expression

time limit per test
1 second
memory limit per test
256 megabytes
input
standard input
output
standard output

Petya studies in a school and he adores Maths. His class has been studying arithmetic expressions. On the last class the teacher wrote three positive integers a , b , c on the blackboard. The task was to insert signs of operations '+' and '*', and probably brackets between the numbers so that the value of the resulting expression is as large as possible. Let's consider an example: assume that the teacher wrote numbers 1, 2 and 3 on the blackboard. Here are some ways of placing signs and brackets:

- $1+2*3=7$
- $1*(2+3)=5$
- $1*2*3=6$
- $(1+2)*3=9$

Note that you can insert operation signs only between a and b , and between b and c , that is, you cannot swap integers. For instance, in the given sample you cannot get expression $(1+3)*2$.

It's easy to see that the maximum value that you can obtain is 9.

Your task is: given a , b and c print the maximum value that you can get.

Input

The input contains three integers a , b and c , each on a single line ($1 \leq a, b, c \leq 10$).

Output

Print the maximum value of the expression that you can obtain.

Examples

input

```
1
2
3
```

output

9

input

2

10

3

output

60