CODEFORCES β
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PROBLEMS   SUBMIT   STATUS   STANDINGS   CUSTOM TEST

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.

Sample test(s)

input
1 2 3
output
9

input
2 10 3
output
60

→ **Submit?**

Language: GNU C++ 4.7
Choose file: 浏览⋯ 未选择文件。

Be careful: there is 50 points penalty for submission which fails the pretests or resubmission (except failure on the first test, denial of judgement or similar verdicts). "Passed pretests" submission verdict doesn't guarantee that the solution is absolutely correct and it will pass system tests.

Submit

→ **Problem tags**

brute force   math
No tag edit access

→ **Contest materials**

- Tutorial   ✖