A. Quadratic equation

time limit per test: 2 seconds
memory limit per test: 256 megabytes
input: standard input
output: standard output

You are given a quadratic equation with integer coefficients $A * X^2 + B * X + C = 0$. It is guaranteed that $A \neq 0$ and that the equation has at least one real root. Output the roots of the equation.

Input

The only line of input contains integers A, B and C ($-1000 \leq A, B, C \leq 1000, A \neq 0$), separated by spaces.

Output

Output the roots of the equation in increasing order. If the equation has a single root of multiplicity 2, output it once. The root is considered to be correct if its absolute or relative error does not exceed 10^{-4}.

Examples

input
1 -2 1
output
1

input
1 0 -1
output
-1 1

input
2 -3 1
output
0.5 1