

# Quadratics

Butch needs help with checking his math homework. He is studying quadratic equations, which are in the form

$$y = ax^2+bx+c$$

He wants to give you a, b, c, and x ( $1 \leq a, b, c, x \leq 10$ ), and asks you to find y.

## Input

Line 1: Three space-separated integers, a, b, and c.

Line 2: A single integer, x.

## Output

Line 1: A single integer, y

## Example

**Input:**

2 5 3

-4

**Output:**

15