**Task 3. Divide**

Who doesn't love math 😳

Let $p$, $q$ and $n$ be natural numbers. We will say that a pair of natural numbers $(a, b)$ is **interesting** when:

1. $1 \leq a \leq p$
2. $1 \leq b \leq q$
3. $c = \dfrac{a*b}{a+b}$ is a natural number, and $1 \leq c \leq n$, that is the product $a * b$ is divisible without remainder by the sum $a + b$, and their quotient is less than or equal to $n$.

The goal of this task is simple - find the number of interesting pairs!

**Task**

Write a program `divide.cpp`, that given the three numbers $p$, $q$ and $n$, computes the number of interesting pairs.

**Input**

The only line of the standard input contains the numbers $p$, $q$ and $n$.

**Output**

On the single line of the standard output, print the number of interesting pairs. It is guaranteed that the answer less than $10^{18}$.

**Constraints**

$$1 \leq p, q, n \leq 10^{10}$$

**Subtasks**

| № | Additional constraints | Points |
|---|---|---|
| 1 | $1 \leq p, q, n \leq 2 * 10^4$ | 5 |
| 2 | $1 \leq p, q, n \leq 2.5 * 10^7$ | 10 |
| 3 | $1 \leq p, q, n \leq 2.5 * 10^8$ | 10 |
| 4 | $1 \leq p, q, n \leq 2 * 10^9$ | 10 |
| 5 | $n = 10^{10}, p = q$ | 10 |
| 6 | $n = 10^{10}$ | 10 |
| 7 | — | 45 |

*Points for a subtask are given only if all the tests for it have passed.*

**Examples**

| Input | Output |
|---|---|
| 13 17 5 | 11 |