

# Problem 1

Given three Integers A, B, and N. Find how many integers between A and B (inclusive) are divisible by N.  $0 \leq A \leq B \leq 10^{18}$ ,  $1 \leq N \leq 10^{18}$ .

## Input

First line contains T the number of test cases. Each of next T lines contains 3 integer A, B, N.

## Output

For each test case print the answer in a new line.

## Example

**Input:**

2

1 4 3

10 20 6

**Output:**

1

2