Write a function:

def solution(A, B, K)

that, given three integers A, B and K, returns the number of integers within the range [A..B] that are divisible by K, i.e.:

{ i : A ≤ i ≤ B, i **mod** K = 0 }

For example, for A = 6, B = 11 and K = 2, your function should return 3, because there are three numbers divisible by 2 within the range [6..11], namely 6, 8 and 10.

Write an **efficient** algorithm for the following assumptions:

* A and B are integers within the range [0..2,000,000,000];
* K is an integer within the range [1..2,000,000,000];
* A ≤ B.

def solution(A, B, K):

difference1 = B//K - A//K

if A % K == 0:

difference1 += 1

return difference1

A =6

B = 11

K = 2

car1 = solution(A,B,K)

print(car1)

or

def solution(A, B, K):

return B//K - (A-1)//K

A =6

B = 11

K = 2

car1 = solution(A,B,K)

print(car1)