

# Factorial Modulo

You are given 2 integers a, b. Find the number of i for which i! is divisible by a but not b. if i! is divisible by a and b, then you should not count that i.

## Input

One line that contains a and b.

## Output

Output the result in one line.

## Example

**Input:**

2 3

**Output:**

1

## Constraints

$$1 \leq a \leq b \leq 10^7$$

## Explanation

2! is the only factorial which is divisible by 2 and not divisible by 3.