A: An Elephant Problem

Time Limit: 1 second

Gena is training an elephant to compete in the Iteratively Counting Peanuts Confrontation. As part of the training, Gena puts out p peanuts and the elephant has to count all of them.

However, elephants are not that good at counting peanuts, and Gena's elephant crushes some of the peanuts during the training. Gena is tasked with cleaning up the peanut debris that is leftover. Gena cleans up d milligrams of peanut debris.

Gena knows that each peanut weighed exactly m milligrams, but forgot how many peanuts he put out for his elephant. Although there could be up to $m \times p$ milligrams of peanut debris, for various reasons the amount of debris could be much lower.

Help Gena compute the minimum number of peanuts he could have put out for the elephant!

Input

The first and only line of input contains two integers, m and d ($1 \leq m, d \leq 50$).

Output

Output a single integer, the minimum number of peanuts that Gena could have put out that could have resulted in his elephant leaving d milligrams of peanut debris.

Sample Input 1	Sample Output 1
1 1	1

Sample Input 2	Sample Output 2
3 14	5

Sample Input 3	Sample Output 3
27 18	1

Sample Input 4	Sample Output 4
6 7	2

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