A. SoOo Hungry

time limit per test: 1 second

memory limit per test: 256 megabytes

input: standard input

output: standard output

Gemy is so hungry and loves eating apples very much. He decided to go to the house garden and eat all apples from his large tree. As he is so hungry, he managed to eat up to Y apples every minute.

Your task is to find out what is the minimum number of minutes to eat all apples from the tree if there are X apples on it?

Input
There is only one line containing two integers X,Y $(1 \leq X, Y \leq 10^{12})$– the number of apples existing on the tree and the maximum number of apples he can eat in every minute.

Output
Print the minimum number of minutes to eat all the apples.

Example

input
20 5
output
4