Problem M. Cook Pancakes!

Input file:	`standard input`
Output file:	`standard output`
Time limit:	1 second
Memory limit:	256 megabytes



In China, there is a very famous problem ab
at the same time each time. For a pancake,
hour for each side to be cooked.

So how long does it take at least to cook 3 p

In the first hour, fry the front of No.1 panca

In the second hour, fry the back of No.2 pan

In the third hour, fry the back of No.1 panca

Now you have a pan and you can fry K pan
takes at least to cook N pancakes?

It's noticed that you have to fry some side
you can't fry some side of the pancake half-c

Input

The first line has two integers N, K.

$1 \leq N, K \leq 100$

Output

Output the answer.

Example

standard input	standard output
3 2	3