

Problem 3: Cat Food

Time Limit: 1s

Now that Jacob has a name, he needs to buy cat food. He finds out that his cat will eat at most N grams of food every day. If Jacob buys X grams of food and tries to give his cat the most amount of food, what day will Jacob completely run out of food?

Constraints

$$1 \leq N \leq 10^3$$

$$1 \leq X \leq 10^4$$

Input Specification

The first line will contain the integer N , the amount of food the cat needs per day. The second line will contain the integer X , the amount of food Jacob buys.

Output Specification

Output the number of days that the food will last.

Sample Input

```
5
14
```

Sample Output

```
3
```

Explanation

The first 2 days, Jacob will feed his cat 5 grams of food. On the third day, Jacob will feed his cat 4 grams of food, leaving none leftover. Therefore, the food will last 3 days.