Mock CCC '24 Contest 1 J1 - Lemon Bathtub

Time limit: 1.0s **Memory limit:** 512M

Driven by his passion for all things lemony, Tommy yearns to transform his bathing ritual into a citrus-infused delight. However, a setback looms as his beloved bathtub spout succumbs to disrepair. Unfazed by this challenge, Tommy ingeniously orchestrates a solution—utilizing a hose to transport water from his garden to the lemon-scented sanctuary of his bathtub. The bathtub has a capacity of L litres and the hose dispenses K litres of water per minute. Please determine how long it will take for Tommy to fill his bathtub so he can luxuriate in his lemon-infused haven.

Input Specification

The input will consist of two lines. The first line will contain an integer L $(1 \leq L \leq 10^9)$, representing the amount of water that the bathtub can hold. The second line will contain an integer K $(1 \leq K \leq L)$, representing the amount of water that the hose dispenses per minute. It is guaranteed that K divides L.

Output Specification

The output will consist of a single integer T, the number of minutes it will take Tommy to fill his bathtub.

Sample Input 1

```
6
2
```

Sample Output 1

```
3
```

Explanation for Sample 1

Since Tommy's hose fills $2 \frac{\mathtt{L}}{\mathtt{minute}}$, it will fill his $6\mathtt{L}$ bathtub in 3 minutes.

Sample Input 2

```
12563544
6972
```

Sample Output 2

```
1802
```