

# Homer Simpson

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**Time limit:** 1.0s    **Memory limit:** 256M

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Homer Simpson, a very smart guy, likes eating Krusty-burgers. It takes Homer  $m$  minutes to eat a Krusty-burger. However, there's a new type of burger in Apu's Kwik-e-Mart. Homer likes those too. It takes him  $n$  minutes to eat one of these burgers. Given  $t$  minutes, you have to find out the maximum number of burgers Homer can eat without wasting any time. If he must waste time, he can have beer.

## Input Specification

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Input consists of several test cases (up to 10). Each test case consists of three integers  $m, n, t$  ( $0 < m, n, t < 1\,000$ ). Input is terminated by EOF.

## Output Specification

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For each test case, print in a single line the maximum number of burgers Homer can eat without having beer. If Homer must have beer, then also print the time he gets for drinking, separated by a single space. It is preferable that Homer drinks as little beer as possible.



## Sample Input

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3 5 54
3 5 55
```

## Sample Output

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18
17
```

(Note that this problem is sourced from [UVa](#).)