Problem A

Work Time

Time limit: 1.0 second, Points: 5

WiwiHo cares a lot about time management. She likes to continuously work for X hours and then rest for Y hours. After her rest, she immediately resumes working. For example, if $X = 5$ and $Y = 2$, then WiwiHo would work uninterruptedly for 5 hours then rest for 2 hours.

How many hours in total would WiwiHo work in a span of Z hours, assuming she starts working at the beginning?

Input

The input only contains one line with three integers X, Y, and Z.

- $1 \leq X, Y \leq 100$
- $1 \leq Z \leq 10^9$

Output

Output an integer representing the number of hours WiwiHo would be working.

Sample Input 1	Sample Output 1
5 2 20	15

Sample Input 2	Sample Output 2
99 1 24	24

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Problem A

工作時間

Time limit: 1.0 second, Points: 5

WiwiHo 很在乎時間管理，她喜歡持續工作 X 小時後休息 Y 小時，休息結束時再馬上開始工作。舉例來說，如果 $X = 5, Y = 2$，那麼 WiwiHo 會不間斷地工作 5 小時再休息 2 小時。

假設一開始才剛要開始工作，WiwiHo 在 Z 小時內總共會工作幾個小時？

Input

輸入只有一行，這行包含三個整數 X, Y, Z。

- $1 \leq X, Y \leq 100$
- $1 \leq Z \leq 10^9$

Output

輸出一個整數，代表 WiwiHo 總共工作了幾個小時。

Sample Input 1	Sample Output 1
5 2 20	15

Sample Input 2	Sample Output 2
99 1 24	24

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Problem A

Waktu Kerja

Time limit: 1.0 second, Points: 5

WiwiHo mementingkan pengurusan masa. Dia suka bekerja selama X jam berterusan dan kemudiannya berehat selama Y jam. Dia akan sambung berkerja sejurus selepas berehat. Contohnya, jika $X = 5$ dan $Y = 2$, maka WiwiHo akan berkerja selama 5 jam berterusan dan kemudiannya berehat selama 2 jam.

Andaikan dia mula berkerja dari permulaan, berapakah jumlah jam yang WiwiHo akan berkerja dalam tempoh Z jam?

Input

Input hanyalah satu baris dengan tiga integer, X, Y dan Z.

- $1 \leq X, Y \leq 100$
- $1 \leq Z \leq 10^9$

Output

Satu integer iaitu jumlah jam yang WiwiHo akan berkerja.

Sample Input 1	Sample Output 1
5 2 20	15

Sample Input 2	Sample Output 2
99 1 24	24

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