

Contest Duration: 2021-04-17(Sat) 12:40 (<http://www.timeanddate.com/worldclock/fixedtime.html?iso=20210417T1610&p1=248>) - 2021-04-17(Sat) 14:40 (<http://www.timeanddate.com/worldclock/fixedtime.html?iso=20210417T1810&p1=248>) (local time) (120 minutes)

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A - Competition



Time Limit: 2 sec / Memory Limit: 1024 MB

Score : 100 points

Problem Statement

A Supermarket *Takahashi* sells an X -gram beef pack for Y yen.

Another Supermarket *Snuke* has decided to sell a beef pack at a lower price per gram.

In Snuke, one beef pack weighs Z grams. What is the greatest possible price (a non-negative integer) for Snuke's beef pack such that it is strictly cheaper than Takahashi's beef pack per gram?

Constraints

- All values in input are integers.
- $1 \leq X, Y, Z \leq 10^3$

Input

Input is given from Standard Input in the following format:

X Y Z

Output

Print the answer.

Remaining Time
00:08:05

Sample Input 1

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```
100 200 100
```

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Sample Output 1

[Copy](#)

```
199
```

[Copy](#)

Both stores sell 100-gram packs, so Snuke can just make it one yen cheaper than that in Takahashi.

Sample Input 2

[Copy](#)

```
103 971 593
```

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Sample Output 2

[Copy](#)

```
5590
```

[Copy](#)

Takahashi sells beef for $\frac{971}{103} = 9.4271 \dots$ yen per gram. Snuke can sell 593 grams of beef for 5590 yen to make it $\frac{5590}{593} = 9.4266 \dots$ yen per gram.

Sample Input 3

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```
1000 1 1
```

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Sample Output 3

[Copy](#)

```
0
```

[Copy](#)

The price is allowed to be 0 yen.

Language

Python (3.8.2)

Source Code

```
1
```

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* at most 512 KiB

* Your source code will be saved as *Main.extension*.



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telegram)

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