



HOME TOP CONTESTS GYM PROBLEMSET GROUPS RATING API HELP CALENDAR

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS HACKS ROOM STANDINGS CUSTOM INVOCATION

A. Ebony and Ivory

time limit per test: 2 seconds memory limit per test: 256 megabytes input: standard input output: standard output

Dante is engaged in a fight with "The Savior". Before he can fight it with his sword, he needs to break its shields. He has two guns, Ebony and Ivory, each of them is able to perform any nonnegative number of shots.

For every bullet that hits the shield, Ebony deals a units of damage while Ivory deals b units of damage. In order to break the shield Dante has to deal **exactly** c units of damage. Find out if this is possible.

Input

The first line of the input contains three integers a, b, c ($1 \le a$, $b \le 100$, $1 \le c \le 10\,000$) — the number of units of damage dealt by Ebony gun and Ivory gun, and the total number of damage required to break the shield, respectively.

Output

Print "Yes" (without quotes) if Dante can deal exactly c damage to the shield and "No" (without quotes) otherwise.

Examples

input	Сору
4 6 15	
output	Сору
No	
input	Сору
3 2 7	
output	Сору
Yes	
input	Сору
6 11 6	
output	Сору
Yes	

Note

In the second sample, Dante can fire 1 bullet from Ebony and 2 from Ivory to deal exactly $1\cdot 3+2\cdot 2=7$ damage. In the third sample, Dante can fire 1 bullet from ebony and no bullets from ivory to do $1\cdot 6+0\cdot 11=6$ damage.

Manthan, Codefest 16 Finished Practice

→ Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ACM-ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you - solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you - solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest

→ Practice

You are registered for practice. You can solve problems unofficially. Results can be found in the contest status and in the bottom of standings.

→ Clone Contest to Mashup

You can clone this contest to a mashup.

Clone Contest

→ Submit?

Language: GNU G++17 7.3.0 ▼

Choose file: Choisir un fichier Aucun f...choisi

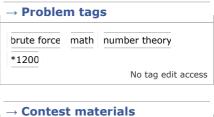
Be careful: there is 50 points penalty for submission which fails the pretests or resubmission (except failure on the first test, denial of judgement or similar verdicts). "Passed pretests" submission verdict doesn't guarantee that the solution is absolutely correct and it will pass system tests.

Submit

→ Last submissions

Submission	Time	Verdict
57710448	Jul/25/2019 02:21	Accepted
<u>57710427</u>	Jul/25/2019 02:20	Compilation error
<u>57710065</u>	Jul/25/2019 02:03	Wrong answer on test 3
57709988	Jul/25/2019 01:59	Wrong answer on test 23
<u>57709894</u>	Jul/25/2019 01:55	Time limit exceeded on test 2
57709685	Jul/25/2019	Wrong answer on

	01:44	test 13
<u>57709453</u>	Jul/25/2019 01:32	Wrong answer on test 13
<u>57709431</u>	Jul/25/2019 01:31	Time limit exceeded on test
<u>57708815</u>	Jul/25/2019 01:00	Wrong answer on test 2
<u>57708558</u>	Jul/25/2019 00:48	Wrong answer on test 1



Contest materials Announcement (en) Tutorial (en)

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