

3137 - Validate ABC

Description

You are given three integer numbers A, B and C ($0 \leq A, B, C \leq 9$) in that order. You must check if it is possible to represent $A \text{ ope } B = C$ just replacing ope by one of the following operators: '+', '-', '*', '/', '%'.

Input specification

First line contain a integer number $1 \leq T \leq 1000$ representing the number of test cases. For each test case:

A line with three space-separated integer numbers: A, B and C respectively.

Output specification

For each test case you must print "YES" if it is possible to represent $A \text{ ope } B = C$; otherwise you must print "NO".

Sample input

```
5
1 2 3
0 3 2
0 3 3
5 4 0
5 4 1
```

Sample output

```
YES
NO
YES
NO
YES
```

Hint(s)