Problem Link:

<https://codeforces.com/problemset/problem/1624/B>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** t;
* cin >> t;
* **while**(t--) {
* **int** a, b, c, m;
* cin >> a >> b >> c;
* m=-1;
* **if**((2\*b-c)%a==0 && (2\*b-c)>0)
* {
* m=(2\*b-c)/a;
* }
* **else** **if**((a+c)%(2\*b)==0)
* {
* m=(a+c)/(2\*b);
* }
* **else** **if**((2\*b-a)%c==0 && (2\*b-a)>0)
* {
* m=(2\*b-a)/c;
* }
* **if**(m==-1)
* {
* cout<<**"NO\n"**;
* }
* **else**
* {
* cout<<**"YES\n"**;
* }
* }
* **return** 0;
* }