

# 1000 – Homework

Time limit – 2 second(s)	Memory limit – 32 MB
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Libir Saikh is a brilliant student. He helps other to complete their assignments too. One day he was completing the assignment of his classmate. Suddenly his younger sister, Forouzan came and said she was facing problem in her homework. She was given  $N$  problems. In each of them, she was given three positive integers  $A$ ,  $B$  and  $C$ . She has to tell whether  $A - B = C$  or not. But she is failing to do that. As Libir was busy he asked for your help.

## Input:

First line contains  $N$  denoting the number of cases. Each of next  $N$  lines have three positive integers  $A$ ,  $B$ ,  $C$ . Here  $A \geq B$ .

Here  $N, A, B, C \leq 10000$ .

## Output:

For each line print the case number and “YES” or “NO” accordingly.

Sample input
5
3 2 1
32 16 16
41 40 2
4 4 4
5 3 2

Sample output
Case 1: YES
Case 2: YES
Case 3: NO
Case 4: NO
Case 5: YES