B - Secondary School Mathematics

All of us may have spent some time in our childhood to build triangles or squares with matchsticks. But often, it was tough to form a triangle when sizes of the sticks were different. Sometimes it was impossible. Because we know that **the sum of the lengths of any two sides of a triangle is greater than the length of the third side**.

You have to do a similar task here. Given 3 integer numbers: a,b,c; you have to find out if they can form a triangle.

Input

There will be T test cases. (T<=20)
Each case will have three integers a,b,c which are the three sides of the triangle. (a,b,c <= 20)

Output

For each test case, print “Case x:” where x is the case number. Then print a single space. Then print “Yes” (without quotations) if the numbers can actually form a triangle. And print “No” otherwise.

Sample Input	**Sample Output**
3 2 8 5 1 10 5 9 9 3	Case 1: No Case 2: No Case 3: Yes