

Problem A1. Valid Triangles

Time limit 1000 ms
Code length Limit 50000 B
OS Linux

Write a program to check whether a triangle is valid or not, when the three angles of the triangle are the inputs. A triangle is valid if the sum of all the three angles is equal to 180 degrees.

Input Format

The first line contains an integer **T**, the total number of testcases. Then **T** lines follow, each line contains three angles **A**, **B** and **C**, of the triangle separated by space.

Output Format

For each test case, display 'YES' if the triangle is valid, and 'NO', if it is not, in a new line.

Constraints

$$1 \leq T \leq 1000$$

$$1 \leq A, B, C \leq 180$$

Sample 1

Input	Output
3 40 40 100 45 45 90 180 1 1	YES YES NO