Problem O. To My Critics

Time limit 1000 ms
Mem limit 262144 kB

Suneet has three digits a, b, and c.

Since math isn't his strongest point, he asks you to determine if you can choose any two digits to make a sum greater or equal to 10.

Output "YES" if there is such a pair, and "NO" otherwise.

Input

The first line contains a single integer t ($1 \leq t \leq 1000$) — the number of test cases.

The only line of each test case contains three digits a, b, c ($0 \leq a, b, c \leq 9$).

Output

For each test case, output "YES" if such a pair exists, and "NO" otherwise.

You can output the answer in any case (for example, the strings "yEs", "yes", "Yes" and "YES" will be recognized as a positive answer).

Examples

Input	Output
5 8 1 2 4 4 5 9 9 9 0 0 0 8 5 3	YES NO YES NO YES

Note

For the first test case, by choosing the digits 8 and 2 we can obtain a sum of $8 + 2 = 10$ which satisfies the condition, thus the output should be "YES".

For the second test case, any combination of chosen digits won't be at least 10, thus the output should be "NO" (note that we can not choose the digit on the same position twice).

For the third test case, any combination of chosen digits will have a sum equal to 18, thus the output should be "YES".