Problem BO. Reach on Time

Time limit	500 ms
Code length Limit	50000 B
OS	Linux

Chef has recently moved into an apartment. It takes 30 minutes for Chef to reach office from the apartment.

Chef left for the office X minutes before Chef was supposed to reach. Determine whether or not Chef will be able to reach on time.

Input Format

- The first line of input will contain a single integer T, denoting the number of test cases.
- Each test case consists of a single integer X.

Output Format

For each test case, output `YES` if Chef will reach on time, `NO` otherwise.

The output is case-insensitive. Thus, the strings `YES`, `yes`, `yeS`, and `Yes` are all considered the same.

Constraints

- $1 \leq T \leq 60$
- $1 \leq X \leq 60$

Sample 1

Input	Output
6 30 60 14 29 31 42	YES YES NO NO YES YES

Test case 1: Chef leaves 30 minutes before he is supposed to reach, so he will reach the office exactly on time since it takes 30 minutes to commute.

Test case 2: Chef will reach 30 minutes early.

Test case 3: Chef will reach 16 minutes late.