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Cash Multiplier

Problem Submissions Leaderboard

You are starting to play a game with an initial money of Rupees 1. In each round, you can either multiply the money you have by 10 or you can multiply it by 20. Determine whether is it possible for you to arrive at money Rupees N after a set of rounds.

Input Format

- ullet The first line of the input contains a single integer T denoting the number of test cases. The description of T test cases follows.
- ullet The first and only line of each test case contains a single integer N.

Constraints

- $1 \le T \le 100$
- $1 \le N \le 10^{18}$

Output Format

ullet For each test case, print a single line containing the string "Yes" if you can make exactly $oldsymbol{N}$ Rupees or "No" otherwise.

Sample Input 0

4 200 90 100000000000000000 10240000000000

Sample Output 0

Yes No Yes No

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Contest ends in 2 hours

Submissions: 190 Max Score: 100 Difficulty: Medium

Rate This Challenge: なななななな

More



```
#include <cmath>
    2
        #include <cstdio>
       #include <vector>
#include <vector>
#include <iostream>
#include <algorithm>
    4
    5
        using namespace std;
    8
       int main() {
   /* Enter
    9
              /* Enter your code here. Read input from STDIN. Print output to STDOUT */
   10
   11
              return 0;
   1<u>2</u>
13
                                                                                                                                                     Line: 1 Col: 1
<u>1</u> <u>Upload Code as File</u> ☐ Test against custom input
                                                                                                                                 Run Code
                                                                                                                                                   Submit Code
```

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