

Problem AF. Make N Zero

Time limit 1000 ms
Code length Limit 50000 B
OS Linux

You are given a positive integer N . In one operation you can:

- Either subtract 3 or subtract 4 from N .

Can you make N zero by performing any number of operations?

Input Format

- The first line contains a single integer T , denoting the number of test cases.
- The only line of each test case contains a positive integer N , denoting the integer which you need to make zero.

Output Format

For each test case, output **YES** if you can make N zero using any number of operations. Otherwise, print **NO**.

You may print each character of the string in uppercase or lowercase (for example, the strings **YES**, **yEs**, **yes**, and **yeS** will all be treated as identical).

Constraints

- $1 \leq T \leq 10^4$
- $1 \leq N \leq 10^4$

Sample 1

| Input | Output |
|-------|--------|
| 3 | NO |
| 1 | YES |
| 3 | YES |
| 7 | |

Test case 1: You cannot make $N = 1$ zero by performing any number of operations.

Test case 2: Subtract 3 from $N = 3$ to make it zero in one operation.

Test case 3: Subtract 4 from $N = 7$ to make it $N = 3$ in one operation. Then, subtract 3 from $N = 3$ to make it zero in second operation.