

# Make It

Problem

Submissions

Leaderboard

Discussions

## Problem Statement

You will be given a positive integer  $N$ . You will start from **1** and do some steps (possibly zero).

In each step you can choose one of the following:

1. Add **3** with the current value
2. Multiply by **2** with the current value

Can you tell if you can reach  $N$  by using any number of steps you want.

## Input Format

- First line will contain  $T$ , the number of test cases.
- In each test case you will be given  $N$ .

## Constraints

1.  $1 \leq T \leq 10^3$
2.  $1 \leq N \leq 10^5$

## Output Format

- Print "YES" if you can reach  $N$ , "NO" otherwise.

## Sample Input 0

```
5
1
3
5
15
16
```

## Sample Output 0

```
YES
NO
YES
NO
YES
```

[f](#)
[t](#)
[in](#)

Submissions: [239](#)

Max Score: 20

Difficulty: Easy

Rate This Challenge:

☆☆☆☆☆

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C++20



```
1 #include <bits/stdc++.h>
2
3 using namespace std;
4
5
6
7 int main()
8 {
9     // Write your code here
10
11     return 0;
12 }
13
```

Line: 1 Col: 1

 [Upload Code as File](#) ☐ [Test against custom input](#)

Run Code

Submit Code