CODEFORCES
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HOME   TOP   CONTESTS   GYM   PROBLEMSET   GROUPS   RATING   EDU   API   CALENDAR   HELP   DELTIX ROUNDS 2021🏆

PROBLEMS   SUBMIT CODE   MY SUBMISSIONS   STATUS   HACKS   STANDINGS   CUSTOM INVOCATION

General

#	Author	Problem	Lang	Verdict	Time	Memory	Sent	Judged		
122229824	Practice: **TheKing003KS**	1475A - 15	GNU C++14	**Accepted**	77 ms	3656 KB	2021-07-12 18:35:34	2021-07-12 18:35:34	⭐	Compare

→ Source

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```cpp
#include<iostream>
#include<limits.h>
#include<math.h>
#include<vector>
#include<string>
#include<queue>
#include<stack>
#include<set>
#include<map>
#include<unordered_set>
#include<unordered_map>
#include<algorithm>
using namespace std;

#define ll long long
#define ull unsigned long long
#define modulo 1000000007
#define mp make_pair
#define pb push_back

bool is_even(ll int n) {return (n%2 == 0);}
bool is_prime(ll int n)
{
    for(auto i = 2; i*i < n; i++)
    {
        if(n%i == 0) {return false;}
    }
    return true;
```

```cpp
}

int main()
{
    ll int tests;
    cin >> tests;
    while(tests--)
    {
        ll int n;
        cin >> n;

        bool flag = true;
        if(n%2 == 0)
        {
            while(n > 1)
            {
                n /= 2;
                if(n > 1 && n%2 != 0) {break;}
            }
            if(n == 1) {flag = false;}
        }

        if(flag) {cout << "YES\n";}
        else {cout << "NO\n";}
    }

    return 0;
}

// ll int n;
// cin >> n;
// vector<ll int> arr(n);
// for(auto i = 0; i < n; i++) {cin >> arr[i];}

// for(auto i = 0; i < n; i++) {cout << arr[i] << " ";}

// sort(begin(arr),end(arr));
```

1

Time: 0 ms, **memory**: 3644 KB

Verdict: OK

Input
6
2
3
4
5
998244353
1099511627776

Participant's output
NO
YES
NO
YES
YES
NO

Jury's answer
NO
YES
NO
YES
YES
NO

Checker comment
ok 6 token(s): yes count is 3, no count is 3

2

Time: 46 ms, **memory**: 3636 KB

Verdict: OK

Input
10000
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
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27
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29
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73
74
75
76
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78
79
80

```
 81
 82
 83
 84
 85
 86
 87
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 91
 92
 93
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 95
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 97
 98
 99
100
101
102
103
104
105
106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
...
```

Participant's output

```
NO
YES
NO
YES
YES
YES
NO
```

YES
YES
YES
YES
YES
YES
YES
NO
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
NO
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
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YES
YES
YES
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YES
YES
YES
YES
YES
YES
YE...

Jury's answer
NO
YES
NO
YES
YES
YES

```
NO
YES
YES
YES
YES
YES
YES
YES
NO
YES
YES
YES
YES
YES
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YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YE...
```

Checker comment
```
ok 10000 token(s): yes count is 9946, no count is 54
```

3

Time: 77 ms, **memory**: 3656 KB

Verdict: OK

Input
```
10000
35184372088832
35184372088832
35184372088832
35184372088832
35184372088832
35184372088832
35184372088832
35184372088832
35184372088832
35184372088832
35184372088832
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35184372088832
35184372088832
35184372088832
35184372088832
35184372088832
35184372088832
35184372088832
35184372088832
35184372088832
35184372088832
35184372088832
35184372...
```

Participant's output
```
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
```

```
NO
NO
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NO
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NO
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NO
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NO
NO. . .

Jury's answer

NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
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NO
NO
NO
NO
NO
NO
NO
NO...
```

Checker comment
ok 10000 token(s): yes count is 0, no count is 10000

4

Time: 46 ms, **memory**: 3644 KB

Verdict: OK

Input
```
10000
19999838399998
19999838399998
19999838399998
19999838399998
19999838399998
19999838399998
19999838399998
```

19999838399998
19999838399998
19999838399998
19999838399998
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19999838399998
19999838399998
19999838399998
19999838399998
19999838399998
19999838399998
19999838399998
19999838399998
19999838399998
19999838...

Participant's output
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES

```
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
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YES
YES
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YES
YES
YES
YES
YES
YES
YES
YES
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YES
YES
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YES
YES
YES
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YES
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YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
Y...

Jury's answer
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES

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YES
YES
YES
YES
YES
YES
YES
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YES
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YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
```

```
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
Y...
```

Checker comment
ok 10000 token(s): yes count is 10000, no count is 0

5

Time: 77 ms, **memory**: 3648 KB

Verdict: OK

Input
```
10000
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
```

```
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
9999919199999
999991919...
```

Participant's output
```
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
```

```
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
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YES
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YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
```

YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
Y...

Jury's answer
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES

```
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
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YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
```

```
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
Y...
```

Checker comment
ok 10000 token(s): yes count is 10000, no count is 0

6

Time: 46 ms, **memory**: 3640 KB

Verdict: OK

Input
```
10000
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
```

```
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
99999989
9999...
```

Participant's output
```
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
```

YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES

YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
Y...

Jury's answer
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES

```
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
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YES
YES
YES
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YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
```

```
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
Y...
```

Checker comment
ok 10000 token(s): yes count is 10000, no count is 0

7

Time: 46 ms, **memory**: 3644 KB

Verdict: OK

Input
```
10000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
```

```
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
100000000000000
10000000000...
```

Participant's output
```
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
```

```
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
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YES
YES
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YES
YES
YES
YES
YES
YES
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YES
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YES
YES
YES
YES
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YES
YES
YES
```

```
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
Y...
```

Jury's answer
```
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
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YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
```

```
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
YES
Y...
```

Checker comment
ok 10000 token(s): yes count is 10000, no count is 0

8

Time: 77 ms, **memory**: 3636 KB

Verdict: OK

Input
```
10000
70368744177664
17592186044416
70368744177664
17592186044416
70368744177664
17592186044416
70368744177664
17592186044416
70368744177664
17592186044416
70368744177664
17592186044416
70368744177664
17592186044416
70368744177664
17592186044416
70368744177664
17592186044416
70368744177664
17592186044416
70368744177664
17592186044416
```

```
70368744177664
17592186044416
70368744177664
17592186044416
70368744177664
17592186044416
70368744177664
17592186...
```

Participant's output

```
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
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NO
NO
NO
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NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO...
```

Jury's answer

```
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
NO
```

NO
NO
NO
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NO
NO
NO
NO
NO
NO
NO
NO
```

```
NO
NO
NO
NO
NO
NO...
```

Checker comment
```
ok 10000 token(s): yes count is 0, no count is 10000
```

9

Time: 0 ms, **memory**: 3652 KB

Verdict: OK

Input
```
2
1234567
1234567
```

Participant's output
```
YES
YES
```

Jury's answer
```
YES
YES
```

Checker comment
```
ok 2 token(s): yes count is 2, no count is 0
```

10

Time: 31 ms, **memory**: 3640 KB

Verdict: OK

Input
```
4
4
4
4
147862179
```

Participant's output
```
NO
NO
NO
YES
```

Jury's answer
```
NO
NO
NO
YES
```

Checker comment
```
ok 4 token(s): yes count is 1, no count is 3
```

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