

# 231. Power of Two

## Description

Given an integer `n`, return `true` if it is a power of two. Otherwise, return `false`.

An integer `n` is a power of two, if there exists an integer `x` such that `n == 2x`.

### Example 1:

```
Input: n = 1
Output: true
Explanation: 20 = 1
```

### Example 2:

```
Input: n = 16
Output: true
Explanation: 24 = 16
```

### Example 3:

```
Input: n = 3
Output: false
```

### Constraints:

- `-231 ≤ n ≤ 231 - 1`

**Follow up:** Could you solve it without loops/recursion?

