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## 326. Power of Three



Easy

2.5K

243



Companies

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

An integer `n` is a power of three, if there exists an integer `x` such that `n == 3x`.

### Example 1:

**Input:** `n = 27`

**Output:** `true`

**Explanation:** `27 = 33`

### Example 2:

**Input:** `n = 0`

**Output:** `false`

**Explanation:** There is no `x` where `3x = 0`.

### Example 3:

**Input:** `n = -1`

**Output:** `false`

**Explanation:** There is no `x` where `3x = (-1)`.

### Constraints:

- `-231 <= n <= 231 - 1`

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

Accepted 671.2K Submissions 1.5M

Acceptance Rate 45.5%

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