

326. Power of Three

Description

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?

