507. Perfect Number

Description

A **perfect number** is a **positive integer** that is equal to the sum of its **positive divisors**, excluding the number itself. A **divisor** of an integer `x` is an integer that can divide `x` evenly.

Given an integer `n`, return `true` *if* `n` *is a perfect number, otherwise return* `false`.

Example 1:

```
Input: num = 28
Output: true
Explanation: 28 = 1 + 2 + 4 + 7 + 14
1, 2, 4, 7, and 14 are all divisors of 28.
```

Example 2:

```
Input: num = 7
Output: false
```

Constraints:

- `1 <= num <= 10⁸`