A [**perfect number**](https://en.wikipedia.org/wiki/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