You are given a non-negative integer array nums. In one operation, you must:

* Choose a positive integer x such that x is less than or equal to the **smallest non-zero** element in nums.
* Subtract x from every **positive** element in nums.

Return *the* ***minimum*** *number of operations to make every element in* nums *equal to* 0.

**Example 1:**

Input: nums = [1,5,0,3,5]  
Output: 3  
Explanation:  
In the first operation, choose x = 1. Now, nums = [0,4,0,2,4].  
In the second operation, choose x = 2. Now, nums = [0,2,0,0,2].  
In the third operation, choose x = 2. Now, nums = [0,0,0,0,0].

**Example 2:**

Input: nums = [0]  
Output: 0  
Explanation: Each element in nums is already 0 so no operations are needed.

**Constraints:**

* 1 <= nums.length <= 100
* 0 <= nums[i] <= 100