You are given an array nums consisting of **positive** integers.

You can perform the following operation on the array **any** number of times:

* Choose any two **adjacent** elements and **replace** them with their **sum**.
  + For example, if nums = [1,2,3,1], you can apply one operation to make it [1,5,1].

Return *the* ***minimum*** *number of operations needed to turn the array into a* ***palindrome***.

**Example 1:**

Input: nums = [4,3,2,1,2,3,1]  
Output: 2  
Explanation: We can turn the array into a palindrome in 2 operations as follows:  
- Apply the operation on the fourth and fifth element of the array, nums becomes equal to [4,3,2,3,3,1].  
- Apply the operation on the fifth and sixth element of the array, nums becomes equal to [4,3,2,3,4].  
The array [4,3,2,3,4] is a palindrome.  
It can be shown that 2 is the minimum number of operations needed.

**Example 2:**

Input: nums = [1,2,3,4]  
Output: 3  
Explanation: We do the operation 3 times in any position, we obtain the array [10] at the end which is a palindrome.

**Constraints:**

* 1 <= nums.length <= 105
* 1 <= nums[i] <= 106