





## 2366. Minimum Replacements to Sort the Array

Hard i 760 ♀ 26 ♡ Add to List ☐ Share

You are given a **0-indexed** integer array nums. In one operation you can replace any element of the array with any two elements that sum to it.

• For example, consider nums = [5, 0, 7]. In one operation, we can replace nums[ to [5, 2, 4, 7].



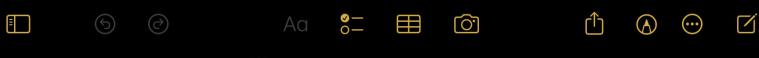
Return the minimum number of operations to make an array that is sorted in non-decreasing order.

Example: 
$$nums = [3,2,3,2,3,46,17,19,21]$$

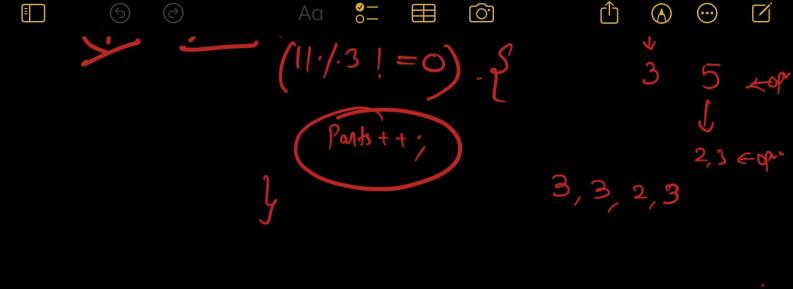
3,3,3,3

## Some Facts:

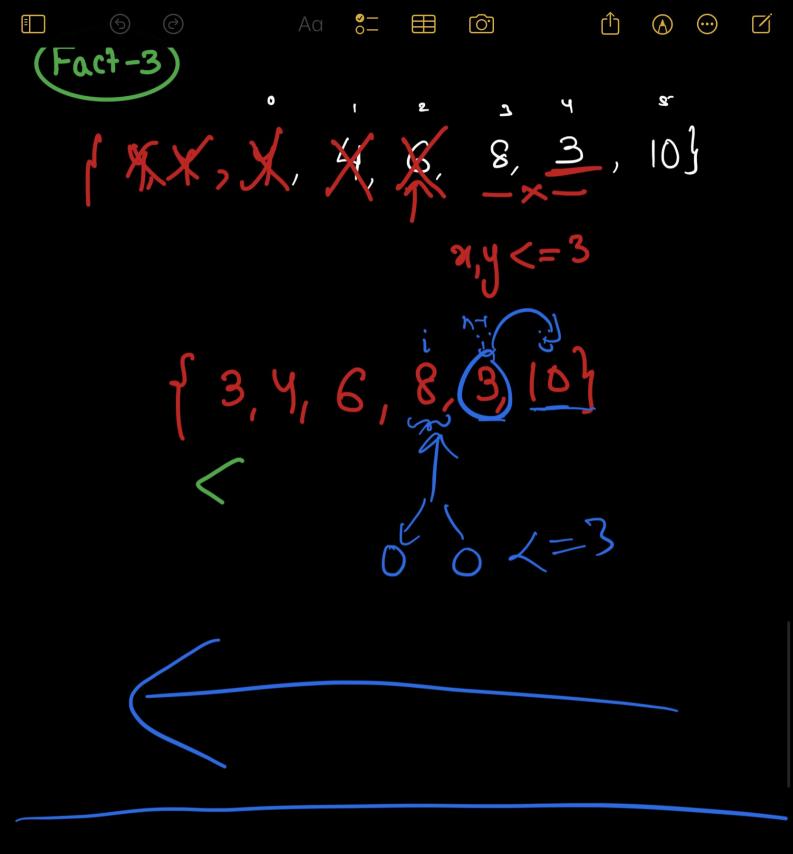




## Some Facts:



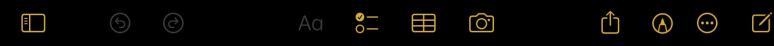
$$(4, 3, 3, 6)$$
 $12/3 = 4$ 
 $points = 4$ 
 $points = 2$ 
 $points = 3$ 
 $points = 1$ 
 $points = 1$ 



$$\int_{0}^{\infty} (i = n-2 ; i > = 0 ; i - -)$$

$$i \int_{0}^{\infty} (nums[i] < = nums[i+1]$$

$$(ontinue ; i > = 0$$



$$for(i = N-2 ; i >= 0 : i--)$$

y

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