5446. Minimum Difference Between Largest and Smallest Value in Three Moves

ekly-contest-30/problems/minimum-difference-between-largest-and-smallest-value-in-three-moves/submissions/)

ekly-contest-30/)

Given an array nums, you are allowed to choose one element of nums and change it by any value in one move.

Return the minimum difference between the largest and smallest value of nums after perfoming at most 3 moves.

User Accepted: 0 User Tried: 0 Total Accepted: 0 Total Submissions: 0 Difficulty: Medium

Example 1:

Input: nums = [5,3,2,4]

Output: 0

Explanation: Change the array [5,3,2,4] to [2,2,2,2]. The difference between the maximum and minimum is 2-2 = 1

Example 2:

Input: nums = [1,5,0,10,14]

Output: 1

Explanation: Change the array [1,5,0,10,14] to [1,1,0,1,1]. The difference between the maximum and minimum is 1-0 = 1.

Example 3:

Input: nums = [6,6,0,1,1,4,6]

Output: 2

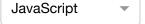
Example 4:

Input: nums = [1,5,6,14,15]

Output: 1

Constraints:

- 1 <= nums.length <= 10^5
- -10^9 <= nums[i] <= 10^9









```
1 • /**
       * @param {number[]} nums
  2
  3
       * @return {number}
  5 ▼ var minDifference = function(nums) {
  6
  7
     };
☐ Custom Testcase
                     Use Example Testcases
```

Copyright © 2020 LeetCode

Help Center (/support/) | Terms (/terms/) | Privacy Policy (/privacy/)

States (/region/)

△ Submit

Run