

# Problem 3190: Find Minimum Operations to Make All Elements Divisible by Three

## Problem Information

**Difficulty:** Easy

**Acceptance Rate:** 89.04%

**Paid Only:** No

**Tags:** Array, Math

## Problem Description

You are given an integer array `nums`. In one operation, you can add or subtract 1 from \*\*any\*\* element of `nums`.

Return the \*\*minimum\*\* number of operations to make all elements of `nums` divisible by 3.

**Example 1:**

**Input:** nums = [1,2,3,4]

**Output:** 3

**Explanation:**

All array elements can be made divisible by 3 using 3 operations:

\* Subtract 1 from 1. \* Add 1 to 2. \* Subtract 1 from 4.

**Example 2:**

**Input:** nums = [3,6,9]

**Output:** 0

**Constraints:**

```
* `1 <= nums.length <= 50` * `1 <= nums[i] <= 50`
```

## Code Snippets

### C++:

```
class Solution {  
public:  
    int minimumOperations(vector<int>& nums) {  
  
    }  
};
```

### Java:

```
class Solution {  
    public int minimumOperations(int[] nums) {  
  
    }  
}
```

### Python3:

```
class Solution:  
    def minimumOperations(self, nums: List[int]) -> int:
```