You are given two arrays of integers nums1 and nums2, possibly of different lengths. The values in the arrays are between 1 and 6, inclusive.

In one operation, you can change any integer's value in **any**of the arrays to **any** value between 1 and 6, inclusive.

Return *the minimum number of operations required to make the sum of values in*nums1*equal to the sum of values in*nums2*.* Return -1​​​​​ if it is not possible to make the sum of the two arrays equal.

**Example 1:**

**Input:** nums1 = [1,2,3,4,5,6], nums2 = [1,1,2,2,2,2]

**Output:** 3

**Explanation:** You can make the sums of nums1 and nums2 equal with 3 operations. All indices are 0-indexed.

- Change nums2[0] to 6. nums1 = [1,2,3,4,5,6], nums2 = [**6**,1,2,2,2,2].

- Change nums1[5] to 1. nums1 = [1,2,3,4,5,**1**], nums2 = [6,1,2,2,2,2].

- Change nums1[2] to 2. nums1 = [1,2,**2**,4,5,1], nums2 = [6,1,2,2,2,2].

**Example 2:**

**Input:** nums1 = [1,1,1,1,1,1,1], nums2 = [6]

**Output:** -1

**Explanation:** There is no way to decrease the sum of nums1 or to increase the sum of nums2 to make them equal.

**Example 3:**

**Input:** nums1 = [6,6], nums2 = [1]

**Output:** 3

**Explanation:** You can make the sums of nums1 and nums2 equal with 3 operations. All indices are 0-indexed.

- Change nums1[0] to 2. nums1 = [**2**,6], nums2 = [1].

- Change nums1[1] to 2. nums1 = [2,**2**], nums2 = [1].

- Change nums2[0] to 4. nums1 = [2,2], nums2 = [**4**].

**Constraints:**

* 1 <= nums1.length, nums2.length <= 105
* 1 <= nums1[i], nums2[i] <= 6