3115. Maximum Prime Difference

Description

You are given an integer array `nums` .

Return an integer that is the **maximum** distance between the **indices** of two (not necessarily different) prime numbers in `nums` .

Example 1:

Input: nums = [4,2,9,5,3]

Output: 3

Explanation: `nums[1]` , `nums[3]` , and `nums[4]` are prime. So the answer is `\|4 - 1\| = 3` .

Example 2:

Input: nums = [4,8,2,8]

Output: 0

Explanation: `nums[2]` is prime. Because there is just one prime number, the answer is `\|2 - 2\| = 0` .

Constraints:

- `1 <= nums.length <= 3 * 10 5`
- `1 <= nums[i] <= 100`
- The input is generated such that the number of prime numbers in the `nums` is at least one.