6122. Minimum Deletions to Make Array Divisible

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You are given two positive integer arrays `nums` and `numsDivide`. You can delete any number of elements from `nums`.

Return *the **minimum** number of deletions such that the **smallest** element in `nums` **divides** all the elements of `numsDivide`*. If this is not possible, return `-1`.

Note that an integer `x` divides `y` if `y % x == 0`.

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

Example 1:

```
Input: nums = [2,3,2,4,3], numsDivide = [9,6,9,3,15]
Output: 2
Explanation:
The smallest element in [2,3,2,4,3] is 2, which does not divide all the elements of numsDivide.
We use 2 deletions to delete the elements in nums that are equal to 2 which makes nums = [3,4,3].
The smallest element in [3,4,3] is 3, which divides all the elements of numsDivide.
It can be shown that 2 is the minimum number of deletions needed.
```

Example 2:

```
Input: nums = [4,3,6], numsDivide = [8,2,6,10]
Output: -1
Explanation:
We want the smallest element in nums to divide all the elements of numsDivide.
There is no way to delete elements from nums to allow this.
```

Constraints:

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

JavaScript

```
const counter = (a_or_s) => { let m = new Map(); for (const x of a_or_s) m.set(x, m.get(x) + 1 || 1); return m; };

const minOperations = (a, b) => {
    a.sort((x, y) => x - y);
    let ma = counter(a);
    a = [...new Set(a)];
    for (const x of a) {
        if (b.every(y => y % x == 0)) {
            let remove = 0;
            for (const [e, occ] of ma) {
                if (e < x) remove += occ;
            }
            return remove;
        }
    }
    return -1;
};
```

Custom Testcase Use Example Testcases

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