368. Largest Divisible Subset

Difficulty : Medium

https://leetcode.com/problems/largest-divisible-subset

Given a set of **distinct** positive integers `nums`, return the largest subset `answer` such that every pair `(answer[i], answer[j])` of elements in this subset satisfies:

- `answer[i] % answer[j] == 0`, or
- `answer[j] % answer[i] == 0`

If there are multiple solutions, return any of them.

Example 1:

```
Input: nums = [1,2,3]
Output: [1,2]
Explanation: [1,3] is also accepted.
```

Example 2:

```
Input: nums = [1,2,4,8]
Output: [1,2,4,8]
```

Constraints:

- `1 <= nums.length <= 1000`
- `1 <= nums[i] <= 2 * 10^9`
- All the integers in `nums` are **unique**.