Given a set of **distinct** positive integers, find the largest subset such that every pair (Si, Sj) of elements in this subset satisfies:

Si % Sj = 0 or Sj % Si = 0.

If there are multiple solutions, return any subset is fine.

**Example 1:**

**Input:** [1,2,3]

**Output:** [1,2] (of course, [1,3] will also be ok)

**Example 2:**

**Input:** [1,2,4,8]

**Output:** [1,2,4,8]