You are given an integer array of unique positive integers nums. Consider the following graph:

* There are nums.length nodes, labeled nums[0] to nums[nums.length - 1],
* There is an undirected edge between nums[i] and nums[j] if nums[i] and nums[j] share a common factor greater than 1.

Return *the size of the largest connected component in the graph*.

**Example 1:**

Diagram

Description automatically generated

**Input:** nums = [4,6,15,35]

**Output:** 4

**Example 2:**

A picture containing shape

Description automatically generated

**Input:** nums = [20,50,9,63]

**Output:** 2

**Example 3:**

Diagram

Description automatically generated

**Input:** nums = [2,3,6,7,4,12,21,39]

**Output:** 8

**Constraints:**

* 1 <= nums.length <= 2 \* 104
* 1 <= nums[i] <= 105
* All the values of nums are **unique**.