313. Super Ugly Number

Difficulty : Medium

https://leetcode.com/problems/super-ugly-number

A **super ugly number** is a positive integer whose prime factors are in the array `primes`.

Given an integer `n` and an array of integers `primes`, return *the* `n`th ***super ugly number***.

The `n`th **super ugly number** is **guaranteed** to fit in a **32-bit** signed integer.

Example 1:

```
Input: n = 12, primes = [2,7,13,19]
Output: 32
Explanation: [1,2,4,7,8,13,14,16,19,26,28,32] is the sequence of the first 12 super ugly numbers given primes = [2,7,13,19].
```

Example 2:

```
Input: n = 1, primes = [2,3,5]
Output: 1
Explanation: 1 has no prime factors, therefore all of its prime factors are in the array primes = [2,3,5].
```

Constraints:

- `1 <= n <= 10`^{5}
- `1 <= primes.length <= 100`
- `2 <= primes[i] <= 1000`
- `primes[i]` is **guaranteed** to be a prime number.
- All the values of `primes` are **unique** and sorted in **ascending order**.