[Find Xor-Beauty of Array](https://leetcode.com/contest/biweekly-contest-95/problems/find-xor-beauty-of-array/)

You are given a **0-indexed** integer array nums.

The **effective value** of three indices i, j, and k is defined as ((nums[i] | nums[j]) & nums[k]).

The **xor-beauty** of the array is the XORing of **the effective values of all the possible triplets** of indices (i, j, k) where 0 <= i, j, k < n.

Return *the xor-beauty of* nums.

**Note** that:

* val1 | val2 is bitwise OR of val1 and val2.
* val1 & val2 is bitwise AND of val1 and val2.

**Example 1:**

**Input:** nums = [1,4]

**Output:** 5

**Explanation:**

The triplets and their corresponding effective values are listed below:

- (0,0,0) with effective value ((1 | 1) & 1) = 1

- (0,0,1) with effective value ((1 | 1) & 4) = 0

- (0,1,0) with effective value ((1 | 4) & 1) = 1

- (0,1,1) with effective value ((1 | 4) & 4) = 4

- (1,0,0) with effective value ((4 | 1) & 1) = 1

- (1,0,1) with effective value ((4 | 1) & 4) = 4

- (1,1,0) with effective value ((4 | 4) & 1) = 0

- (1,1,1) with effective value ((4 | 4) & 4) = 4

Xor-beauty of array will be bitwise XOR of all beauties = 1 ^ 0 ^ 1 ^ 4 ^ 1 ^ 4 ^ 0 ^ 4 = 5.

**Example 2:**

**Input:** nums = [15,45,20,2,34,35,5,44,32,30]

**Output:** 34

**Explanation:** The xor-beauty of the given array is 34.

**Constraints:**

* 1 <= nums.length <= 105
* 1 <= nums[i] <= 109