421. Maximum XOR of Two Numbers in an Array

Given an integer array nums, return the maximum result of nums[i] XOR nums[j], where $0 <= i <= j < n$.

Example 1:

- **Input:** nums = [3,10,5,25,2,8]
- **Output:** 28
- **Explanation:** The maximum result is 5 XOR 25 = 28.

Example 2:

- **Input:** nums = [14,70,53,83,49,91,36,80,92,51,66,70]
- **Output:** 127

Constraints:

- $1 <= nums.length <= 2 * 10^5$
- $0 <= nums[i] <= 2^{31} - 1$