You are given n balloons, indexed from 0 to n - 1. Each balloon is painted with a number on it represented by an array nums. You are asked to burst all the balloons.

If you burst the ith balloon, you will get nums[i - 1] \* nums[i] \* nums[i + 1] coins. If i - 1 or i + 1 goes out of bounds of the array, then treat it as if there is a balloon with a 1 painted on it.

Return *the maximum coins you can collect by bursting the balloons wisely*.

**Example 1:**

Input: nums = [3,1,5,8]  
Output: 167  
Explanation:  
nums = [3,1,5,8] --> [3,5,8] --> [3,8] --> [8] --> []  
coins = 3\*1\*5 + 3\*5\*8 + 1\*3\*8 + 1\*8\*1 = 167

**Example 2:**

Input: nums = [1,5]  
Output: 10

**Constraints:**

* n == nums.length
* 1 <= n <= 300
* 0 <= nums[i] <= 100