Given an array of integers nums, find the maximum length of a subarray where the product of all its elements is positive.

A subarray of an array is a consecutive sequence of zero or more values taken out of that array.

Return *the maximum length of a subarray with positive product*.

**Example 1:**

**Input:** nums = [1,-2,-3,4]

**Output:** 4

**Explanation:** The array nums already has a positive product of 24.

**Example 2:**

**Input:** nums = [0,1,-2,-3,-4]

**Output:** 3

**Explanation:** The longest subarray with positive product is [1,-2,-3] which has a product of 6.

Notice that we cannot include 0 in the subarray since that'll make the product 0 which is not positive.

**Example 3:**

**Input:** nums = [-1,-2,-3,0,1]

**Output:** 2

**Explanation:** The longest subarray with positive product is [-1,-2] or [-2,-3].

**Example 4:**

**Input:** nums = [-1,2]

**Output:** 1

**Example 5:**

**Input:** nums = [1,2,3,5,-6,4,0,10]

**Output:** 4

**Constraints:**

* 1 <= nums.length <= 10^5
* -10^9 <= nums[i] <= 10^9