


628. Maximum Product of Three Numbers

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Given an integer array `nums`, find three numbers whose product is maximum and return the maximum product.

Example 1:

Input: `nums = [1,2,3]`

Output: 6

Example 2:

Input: `nums = [1,2,3,4]`

Output: 24

Example 3:

Input: `nums = [-1,-2,-3]`

Output: -6

Constraints:

- `3 <= nums.length <= 104`
- `-1000 <= nums[i] <= 1000`