

628. Maximum Product of Three Numbers

Easy

👍2240

🗨497

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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:

- $3 \leq \text{nums.length} \leq 10^4$
- $-1000 \leq \text{nums}[i] \leq 1000$