

628. Maximum Product of Three Numbers

Description

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`

