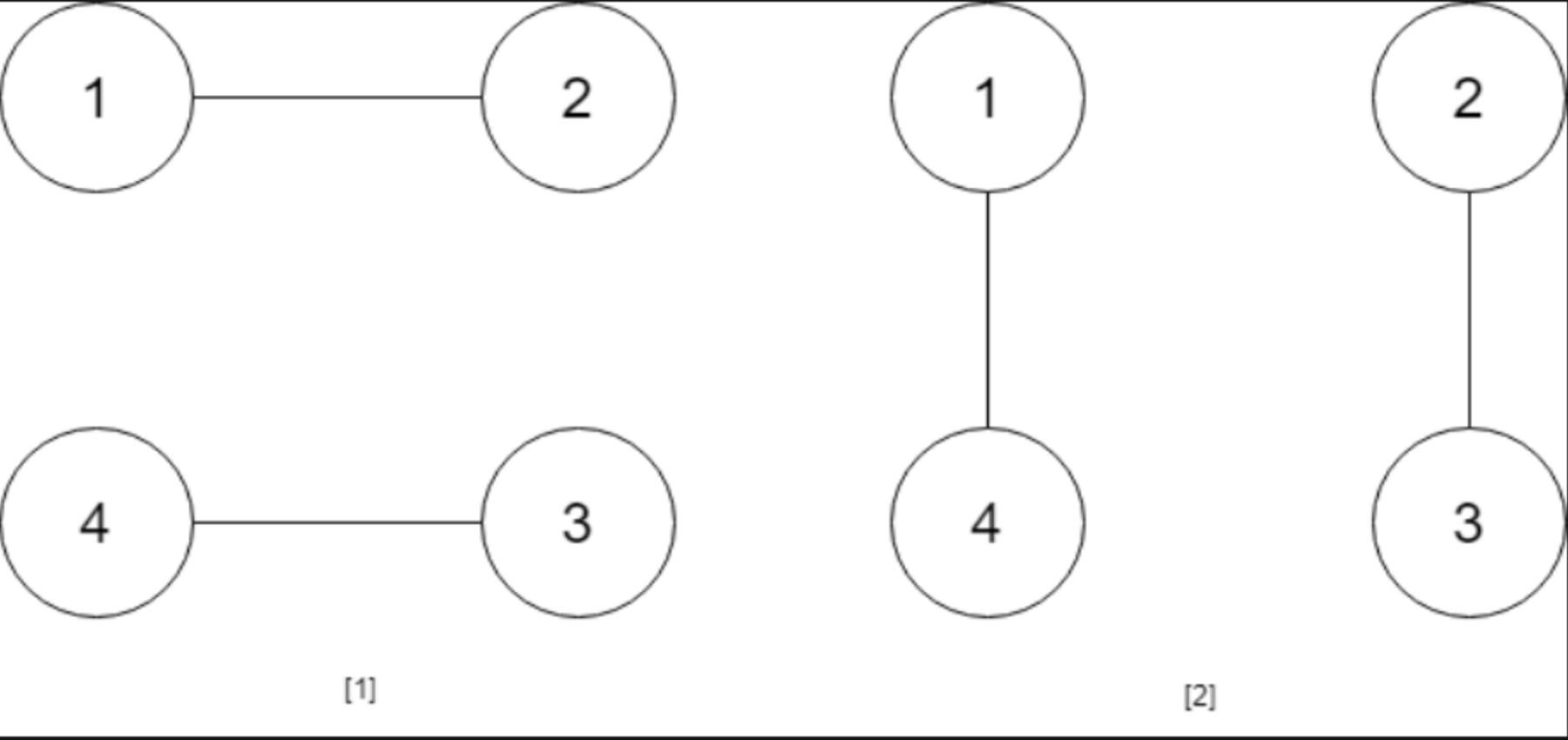# 1259. Handshakes That Don't Cross

Description

You are given an **even** number of people `numPeople` that stand around a circle and each person shakes hands with someone else so that there are `numPeople / 2` handshakes total.

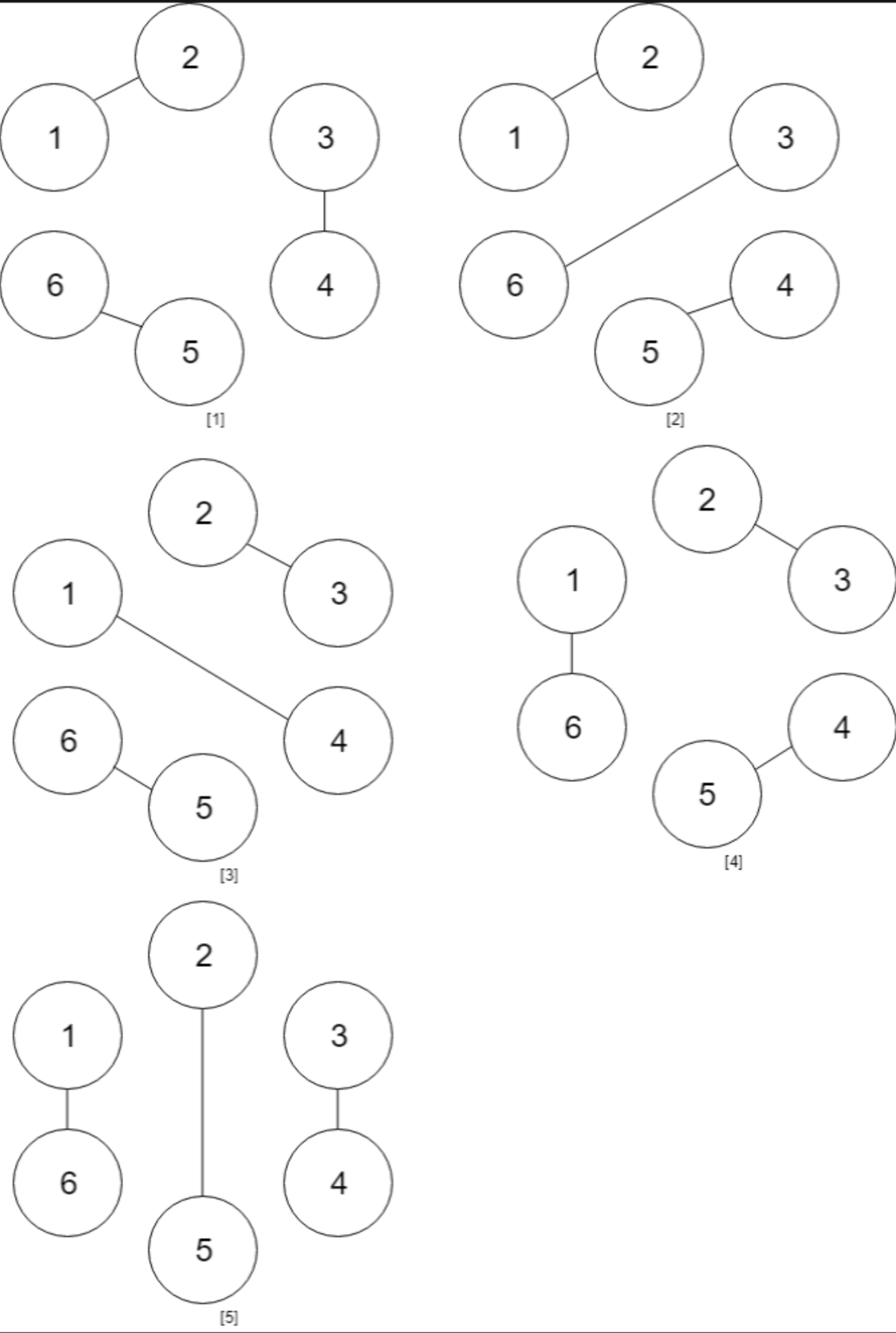Return *the number of ways these handshakes could occur such that none of the handshakes cross* .

Since the answer could be very large, return it **modulo** $10^9 + 7$.

Example 1:


```
Input:  numPeople = 4
Output: 2
Explanation: There are two ways to do it, the first way is [(1,2),(3,4)] and the second one is [(2,3),(4,1)].
```

Example 2:


```
Input:  numPeople = 6
Output: 5
```

Constraints:

- `2 <= numPeople <= 1000`
- `numPeople` is even.