679. 24 Game

Description

You are given an integer array `cards` of length `4`. You have four cards, each containing a number in the range `[1, 9]`. You should arrange the numbers on these cards in a mathematical expression using the operators `['+', '-', '*', '/']` and the parentheses `'('` and `')'` to get the value 24.

You are restricted with the following rules:

- The division operator `'/'` represents real division, not integer division.
  - For example, `4 / (1 - 2 / 3) = 4 / (1 / 3) = 12`.
- Every operation done is between two numbers. In particular, we cannot use `'-'` as a unary operator.
  - For example, if `cards = [1, 1, 1, 1]`, the expression `"-1 - 1 - 1 - 1"` is **not allowed**.
- You cannot concatenate numbers together
  - For example, if `cards = [1, 2, 1, 2]`, the expression `"12 + 12"` is not valid.

Return `true` if you can get such expression that evaluates to `24`, and `false` otherwise.

Example 1:

```
Input: cards = [4,1,8,7]
Output: true
Explanation: (8-4) * (7-1) = 24
```

Example 2:

```
Input: cards = [1,2,1,2]
Output: false
```

Constraints:

- `cards.length == 4`
- `1 <= cards[i] <= 9`