

5872. Number of Pairs of Strings With Concatenation Equal to Target

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Given an array of **digit** strings `nums` and a **digit** string `target`, return the number of pairs of indices (i, j) (where $i \neq j$) such that the **concatenation** of `nums[i] + nums[j]` equals `target`.

Example 1:

Input: `nums = ["777","7","77","77"], target = "7777"`
Output: 4
Explanation: Valid pairs are:
- (0, 1): "777" + "7"
- (1, 0): "7" + "777"
- (2, 3): "77" + "77"
- (3, 2): "77" + "77"

Example 2:

Input: `nums = ["123","4","12","34"], target = "1234"`
Output: 2
Explanation: Valid pairs are:
- (0, 1): "123" + "4"
- (2, 3): "12" + "34"

Example 3:

Input: `nums = ["1","1","1"], target = "11"`
Output: 6
Explanation: Valid pairs are:
- (0, 1): "1" + "1"
- (1, 0): "1" + "1"
- (0, 2): "1" + "1"
- (2, 0): "1" + "1"
- (1, 2): "1" + "1"
- (2, 1): "1" + "1"

Constraints:

- `2 <= nums.length <= 100`
- `1 <= nums[i].length <= 100`
- `2 <= target.length <= 100`
- `nums[i]` and `target` consist of digits.
- `nums[i]` and `target` do not have leading zeros.

JavaScript

```
1 const numPairs = (a, t) => {
2   let n = a.length, res = 0;
3   for (let i = 0; i < n; i++) {
4     for (let j = 0; j < n; j++) {
5       if (i == j) continue;
6       if (a[i] + a[j] == t) res++;
7     }
8   }
9   return res;
10 };
```

☐ Custom Testcase

Use Example Testcases

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