

UK and US: Part 2



We've already seen how UK and US words [differ](#) in their spelling. One other difference is how UK has kept the usage of letters *our* in some of its words and US has done away with the letter *u* and uses just *or*. Given the UK format of the word that has *our* in it, find out the total number of occurrences of both its UK and US variants in a given sequence of words.

Input Format

First line contains an integer N . N lines follow, each line contains a sequence of words (W) separated by a single space.

Next lines contains an integer T . T testcases follow in a new line. Each line contains the **UK** spelling of a word (W')

Constraints

$1 \leq N \leq 10$

Each line doesn't contain more than 10 words (W)

Each character of W and W' is a lowercase alphabet.

If C is the count of the number of characters of W or W' , then

$1 \leq C \leq 20$

$1 \leq T \leq 10$

W' that has *our* as a sub-string in it.

Output Format

Output T lines and in each line output the number of UK and US version of (W') in all of N lines that contains a sequence of words.

Sample Input

```
2
the odour coming out of the left over food was intolerable
ammonia has a very pungent odor
1
odour
```

Sample Output

```
2
```

Explanation

In the given 2 lines, we find *odour* and *odor* once each. So, the total count is 2.

Viewing Submissions

You can view others' submissions if you solve this challenge. Navigate to the challenge leaderboard.