

Popular FooBar

FooBar, IIIT-Delhi's programming club, has become world-famous. It's so popular that even toddlers want to join the club (but they can't :P). However what they can do is play with blocks.

One such toddler has some blocks (lower case alphabets). Now he wants to find out how many times can he make "*foobar*" out of these blocks. Can you help the toddler achieve his Goal??

Input

The first line contains the number of test cases T ($1 \leq T \leq 100$).

Each case contains a string with each character of the string representing the block available with the toddler. Strings consists of only lowercase alphabets. ($1 \leq \text{Size of the string} \leq 10000$).

Output

The number of times toddler can form *foobar* from the given string.

Sample Input

3

foobar

foobarfoobar

ffffff

Sample Output

1

2

0