# **Vowels**

Kareem has a string S of length L, He wants to count the vowels and consonants in that string.

Help Kareem in his task.

### Input

The first line contains one integer T – the number of test cases (1  $\leq$  T  $\leq$  100), then follows T lines, each line contains a string S (1  $\leq$  1000) consists of lower case, and upper case English letters, and possibly symbols and numbers.

## **Output**

For each test case, output one line contains two integers A and B – the number of vowels and the number of consonants.

## **Example**

### Input:

2 ABCDE123\*^% (Y)

### **Output:**

23

1 0

#### Note:

Letters 'Y' and 'y' are considered vowels.