Problem A
Count Me In
Time Limit: 2 seconds

Given a sentence in English, output the counts of consonants and vowels.

Vowels are letters in ['A','E','I','O','U','a','e','i','o','u'].

Input

The test file starts with an integer $S(1 \leq S \leq 100)$, the number of sentences.

Then follow S lines, each containing a sentence - words of length 1 to 20 separated by spaces. Every sentence will contain at least one word and be comprised only of characters [a-z][A-Z] and spaces. No sentence will be longer than 1000 characters.

Output

For each sentence, output the number of consonants and vowels on a line, separated by space.

Sample Input	Sample Output
3	12 6
You can win this thing	10 8
May be too optimistic	11 5
Just try to have fun	