

2746 - Flea's Festival of Reading

Description

The Flea's Festival of reading will be held in Fleatown. Their champions Mika and Boga are ready for the final challenge. The challenge consists in reading a long word of at most 1000 characters length. Both contestants have scored full points in the previous steps. They never confuse a character while reading, although sometimes they can forget to mention a character and are penalized each time by the judges. But this is the Final Challenge, and they are very focussed.

The Flea Arub is jealous with results of Mika and Boga. So she prepared a potion for spoiling the competition. She used the potion with Mika and Boga, now Mika can't see any vowel and Boga can't see any consonant. Now Arub wants to know how many times will be penalized Mika and Boga during the competition. She has the word which will be used, but what a shame Arub doesn't know even read. Can you find those numbers for her?

Input specification

A word consisting of capital letters from 'A' to 'Z', of at most 1000 characters of length.

Output specification

Two space-separated integer numbers: the amount of penalties received by Mika and Boga respectively.

Sample input

```
FLEAFESTIVALOFREADING
```

Sample output

```
9 12
```

Hint(s)

Source

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Added by

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