The value of the letters   P27152_en

Concurso On-line 2 (OIE08) (2008)

Your task is to write a program that computes the value of a given message. To compute it, we will consider that only the letters have value, and that each letter has greater value the more infrequent it is, as can be seen in this table:

Valor	Letras
1	a e
2	o s
3	d i n r
4	c l t u
5	m p
6	b f g h j q v x y z
7	k w

Input

The input consists of a sequence of characters, which include exclusively lowercase letters, spaces and newlines.

Output

Your program must print the total value of the message, computed as the sum of the value of all its letters.

Sample input 1

```
is a chinese wok
```

Sample output 1

```
42
```

Sample input 2

```
i have seen things you people would not believe
attack ships on fire off the shoulder of orion
i watched c beams glitter in the dark
near the tannhauser gate
all those moments will be lost in time
like tears in rain
time to die
```

Sample output 2

```
590
```

Sample input 3

```
  hi  how

    are
 you
```

Sample output 3

```
41
```

Problem information

Author : Salvador Roura
Translator : Carlos Molina
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