

Alphabet

A string will be considered 'alphabetical' if it contains all the letters of the alphabet, in order. There may be other extra letters in there, the only thing that matters is that a - z appear somewhere in the right order.

Examples:

zyxwvutsrqponmlkjihgfedcba	- not alphabetical, wrong order
abcdefghijklmnopqrstuvwxy	- obviously alphabetical
abcdefghijklmnopqrstuvwxy	- not alphabetical
abcdefghijklmnopqrstuvwxy	- alphabetical
zyabcdefghijklmnopqrstuvwxy	- alphabetical

The real question is, given any string, what is the minimum number of letters that need to be added to make it alphabetical? Any character may be added at any position.

We are only considering lower case, don't worry about capitals.

Examples:

xyzabcdefghijklmnopqrstuvw	2 - just yz at the end
defghijklmnopqrstuvwxy	4 - a, b, c, and p
zyxwvutsrqponmlkjihgfedcba	25
aiemckgobjfndlhp	20