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5906. Number of Valid Words in a Sentence

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A sentence consists of lowercase letters ('a' to 'z'), digits ('0' to '9'), hyphens ('-'), punctuation marks ('!', '.', and ','), and spaces (' ') only. Each sentence can be broken down into one or more tokens separated by one or more spaces ' '.

A token is a valid word if:

- It only contains lowercase letters, hyphens, and/or punctuation (no digits).
- There is at most one hyphen '-' . If present, it should be surrounded by lowercase characters ("a-b" is valid, but "-ab" and "ab-" are not valid).
- There is at most one punctuation mark. If present, it should be at the end of the token.

Examples of valid words include "a-b.", "afad", "ba-c", "a!", and "!".

Given a string sentence, return the number of valid words in sentence.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Easy

Example 1:

Input: sentence = "cat and dog"

Explanation: The valid words in the sentence are "cat", "and", and "dog".

Example 2:

Input: sentence = "!this 1-s b8d!" Output: 0 Explanation: There are no valid words in the sentence. "!this" is invalid because it starts with a punctuation mark. "1-s" and "b8d" are invalid because they contain digits.

Example 3:

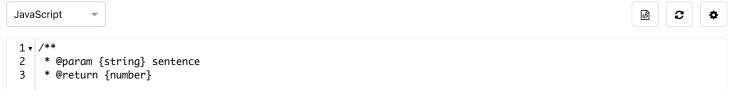
Input: sentence = "alice and bob are playing stone-game10" Output: 5 Explanation: The valid words in the sentence are "alice", "and", "bob", "are", and "playing". "stone-game10" is invalid because it contains digits.

Example 4:

Input: sentence = "he bought 2 pencils, 3 erasers, and 1 pencil-sharpener." Output: 6 Explanation: The valid words in the sentence are "he", "bought", "pencils,", "erasers,", "and", and "pencil-sharpener.

Constraints:

- 1 <= sentence.length <= 1000
- sentence only contains lowercase English letters, digits, '', '-', '!', '.', and ','.
- There will be at least 1 token.



```
5 var countValidWords = function(sentence) {
  6
  7
      };
☐ Custom Testcase
                        Use Example Testcases
                                                                                                                              • Run
                                                                                                                                          △ Submit
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```