

244

130



## 804. Unique Morse Code Words

Notes

Description (/problems/unique-morse-code-words/description/)

Hints (/problems/unique-morse-code-words/hints/)

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International Morse Code defines a standard encoding where each letter is mapped to a series of dots and dashes, as follows: "a" maps to ".-.", "b" maps to "-...", "c" maps to "-.-.", and so on.

For convenience, the full table for the 26 letters of the English alphabet is given below:

```
[".-.", "-...", "-.-.", "-..", ".-", ".-..", "--.", "...", ".---", "-.-.", "-....", "--", "-.", "-.-.", "-...", "-.-.", "-..", ".-.", "-..."]
```

Now, given a list of words, each word can be written as a concatenation of the Morse code of each letter. For example, "cab" can be written as "-.-.-...-", (which is the concatenation "-.-." + "-..." + "-."). We'll call such a concatenation, the transformation of a word.

Return the number of different transformations among all words we have.

**Example:****Input:** words = ["gin", "zen", "gig", "msg"]**Output:** 2**Explanation:**

The transformation of each word is:

"gin" -> "--...-."

"zen" -> "--...-."

"gig" -> "--...-.".

"msg" -> "--...-.".

There are 2 different transformations, "--...-." and "--...-.".


**Note:**

- The length of words will be at most 100 .
- Each words[i] will have length in range [1, 12] .
- words[i] will only consist of lowercase letters.

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