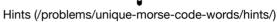




804. Unique Morse Code Words







x Pick One (/problems/random-one-question/)

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.

Seen this question in a real interview before? Yes





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