class Solution {

public:

int uniqueMorseRepresentations(vector<string>& words) {

if(words.size()==0)return 0;

if(words.size()==1)return 1;

vector<string>s;

s={".-","-...","-.-.","-..",".","..-.","--.","....","..",".---","-.-",".-..","--","-.","---",".--.","--.-",".-.","...","-","..-","...-",".--","-..-","-.--","--.."};

string res;

for(int i=0;i<words.size();i++)

{

res="";

for(int j=0;j<words[i].size();j++){

res+=s[words[i][j]-'a'];

}

words[i]=res;

}

sort(words.begin(),words.end());

res=words[0];

int c=0;

for(int i=1;i<words.size();i++)

{

if(res!=words[i]){

res=words[i];

c++;

}

}

//if(c==0)return c;

return c+1;

}

};