Find Numbers with Even Number of Digits

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Given an array nums of integers, return how many of them contain an **even number** of digits.

From < https://leetcode.com/explore/learn/card/fun-with-arrays/521/introduction/3237/>

```
Example 1:
Input: nums = [12,345,2,6,7896]
Output: 2
Explanation:
12 contains 2 digits (even number of digits).
345 contains 3 digits (odd number of digits).
2 contains 1 digit (odd number of digits).
6 contains 1 digit (odd number of digits).
7896 contains 4 digits (even number of digits).
Therefore only 12 and 7896 contain an even number of digits.
Example 2:
Input: nums = [555,901,482,1771]
Output: 1
Explanation:
Only 1771 contains an even number of digits.
```

Best

```
class Solution {
public:
    int findNumbers(vector<int>& nums)
    {
        int n=nums.size(),count=0;
        for(int i=0;i<n;i++){
            int res=log10(nums[i])+1;
            if(res%2==0){
                 count++;
            }
        }
        return count;
}</pre>
```

We are using log10 Maths function ->log10(x) return +ve number always condition is that x must lie between[1,∞] ->Don't use double or float they will give output in decimals

Solution2:

};

Solution 3:

```
int findNumbers(vector& nums) {
  int count=0;
  for(auto e : nums) if(to_string(e).length()%2==0) count++;
  return count;
  }
//Converting numbers into string and using length() getting length of the string
```