**Count numbers containing 4**

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[Drishti-Soft](http://practice.geeksforgeeks.org/company/Drishti-Soft/)

Count the numbers between 1 to N containing 4 as a digit.

**Input:**

Each line will contain the number of test cases T.  
Each test case will contain a number N.  
  
**Output:**

Print the count of numbers for each test case in a separate line.  
  
**Constraints:**

1<=T<=100

1<=N<=10^6  
  
**Example:**

**Input:**

2  
9  
3

**Output:**

1  
0

\*\*For More Examples Use Expected Output\*\*

<http://practice.geeksforgeeks.org/problems/count-numbers-containing-4/0>

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package javaapplication249;

import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStreamReader;

import java.util.ArrayList;

import java.util.Arrays;

import java.util.Collections;

import java.util.HashSet;

/\*\*

\*

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\*/

public class JavaApplication249 {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) throws IOException {

// TODO code application logic here

BufferedReader br = new BufferedReader(new InputStreamReader(System.in));

int t = Integer.parseInt(br.readLine());

while(t-- > 0) {

int n = Integer.parseInt(br.readLine());

int cont =0;

for(int i =1; i<=n; i++) {

int copia = i;

while(copia > 0) {

if(copia %10 == 4) {

cont++;

break;

}

copia/=10;

}

}

System.out.println(cont);

}

}

}