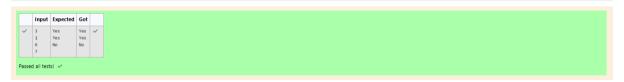
Correct Alice and Bob are playing a game called "Stone Game". Stone game is a two-player game. Let N be the total number of stones. In each turn, a player can remove either one stone or four Marked out of 3.00 stones. The player who picks the last stone, wins. They follow the "Ladies First" norm. Hence Alice is always the one to make the first move. Your task is to find out whether Alice can win, if both play the game optimally. ♥ Flag question Input Format First line starts with T, which is the number of test cases. Each test case will contain N number of stones. Output Format Print "Yes" in the case Alice wins, else print "No". Constraints 1<=T<=1000 1<=N<=10000 Sample Input and Output Input 1 6 **Activate Windows** 7

Output

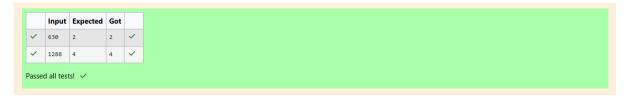
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Question 2 You are designing a poster which prints out numbers with a unique style applied to each of them. The styling is based on the number of closed paths or holes present in a given number. Correct Marked out of 5.00 The number of holes that each of the digits from 0 to 9 have are equal to the number of closed paths in the digit. Their values are: ♥ Flag question 1, 2, 3, 5, and 7 = 0 holes. 0, 4, 6, and 9 = 1 hole. 8 = 2 holes. Given a number, you must determine the sum of the number of holes for all of its digits. For example, the number 819 has 3 holes. Complete the program, it must must return an integer denoting the total number of holes in num. Constraints 1 ≤ num ≤ 109 Input Format For Custom Testing There is one line of text containing a single integer num, the value to process. Sample Input 630 Sample Output Activate Windows

Explanation
Add the holes count for each digit, 6, 3 and 0. Return $1 + 0 + 1 = 2$.
Sample Case 1
Sample Input
1288
Sample Output
4
Explanation
Add the holes count for each digit, 1, 2, 8, 8. Return $0 + 0 + 2 + 2 = 4$.

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Correct

Marked out of 7.00

№ Flag question

Question 3

The problem solvers have found a new Island for coding and named it as Philaland. These smart people were given a task to make a purchase of items at the Island easier by distributing various coins with different values. Manish has come up with a solution that if we make coins category starting from \$1 till the maximum price of the item present on Island, then we can purchase any item easily. He added the following example to prove his point.

Let's suppose the maximum price of an item is 5\$ then we can make coins of (\$1, \$2, \$3, \$4, \$5) to purchase any item ranging from \$1 till \$5.

Now Manisha, being a keen observer suggested that we could actually minimize the number of coins required and gave following distribution (\$1, \$2, \$3). According to him any item can be purchased one time ranging from \$1 to \$5. Everyone was impressed with both of them. Your task is to help Manisha come up with a minimum number of denominations for any arbitrary max price in Philaland.

Input Format

Contains an integer N denoting the maximum price of the item present on Philaland.

Output Format

Print a single line denoting the minimum number of denominations of coins required.

Constraints

1<=T<=100 1<=N<=5000

Refer the sample output for formatting

Sample Input 1:

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10

```
Sample Input 2:

5

Sample Output 2:

3

Explanation:

For test case 1, N=10.

According to Manish ($1, $2, $3,...$10) must be distributed.

But as per Manisha only ($1, $2, $3,...$4) coins are enough to purchase any item ranging from $1 to $10. Hence minimum is 4. Likewise denominations could also be ($1, $2, $3, $5). Hence answer is still 4.

For test case 2, N=5.

According to Manish ($1, $2, $3, $4, $5) must be distributed.

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But as per Manisha only {\$1, \$2, \$3} coins are enough to purchase any item ranging from \$1 to \$5. Hence minimum is 3. Likewise, denominations could also be \$1.52, \$4). Hence answerow is still 3.

	Input	Expected	Got	
~	10	4	4	~
~	5	3	3	~
~	20	5	5	~
~	500	9	9	~
~	1000	10	10	~
ssec	d all test	ts! 🗸		