

[HOME](#) [PROBLEM](#) [STATUS](#) [CONTEST](#) ▾shahriar_sust13 ▾ [LOGOUT](#)**Onek Mojar Contest****Team forming contest 5 - 2013 batch**

1:55:02

5:00:00

[Overview](#) [Problem](#) [Status](#) [Rank \(94810\)](#)[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#)**B - B-number****Time Limit:**1000MS **Memory Limit:**32768KB **64bit IO Format:**%I64d & %I64u[Submit](#)[Status](#)**Description**

A wqb-number, or B-number for short, is a non-negative integer whose decimal form contains the sub- string "13" and can be divided by 13. For example, 130 and 2613 are wqb-numbers, but 143 and 2639 are not. Your task is to calculate how many wqb-numbers from 1 to n for a given integer n.

Input

Process till EOF. In each line, there is one positive integer n($1 \leq n \leq 1000000000$).

Output

Print each answer in a single line.

Sample Input

```
13
100
200
1000
```

Sample Output

```
1
1
2
2
```

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