Find Digits



Problem Statement

You are given a number N, you need to print the number of positions where digits exactly divides N.

Input format

The first line contains T (number of test cases followed by T lines each containing N).

Constraints

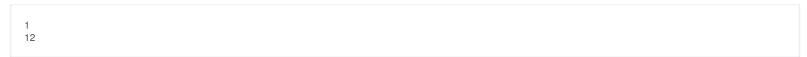
$$1 \le T \le 15$$

 $0 \le N \le 10^{10}$

Output Format

Number of positions in N where digits in that number exactly divides the number N.

Input



Output

2

Explanation

2 digits in the number 12 divide the number exactly. Digits at ten's place, 1, divides 12 exactly in 12 parts, and digit at one's place, 2 divides 12 equally in 6 parts.

This challenge was a part of Pragyan 12