

Number of digits

Given a number n , find the number of digits in it.

Input:

The first line consists of a natural number t , the number of test cases. For each test case, the first line consists of a natural number n .

Output:

For each test case, print the number of digits in the number.

Input Constraints:

$$1 \leq t \leq 100$$

$$1 \leq n \leq 10^{100000}$$

NOTE: Your code should not exceed 200 characters for this problem.

Sample Input:

3

1234

9999999999

9

Sample Output:

4

10

1