

Calculate The Change

Sonu and Titu have two Strings. They want to make their strings anagrams of each other. They can either a character from string of titu and add a character to the string of sonu. Find the minimum number of operations required to make the strings anagrams of each other.

Constraints:

$0 \leq N \leq 10$

Length of each string $\leq 10^5$

Input Format:

First line of input contains number of test cases T. Each test case contains two lines. First line contains string of Sonu and second line contains string of Titu.

Output Format:

For each test case print the minimum number of operations required in a new line.

Sample Input

```
1
abde
edg
```

Sample Output

```
3
Difficulty
Easy
```