Just Guitar
Problem ID: kyokorhythm

Kyoko is a girl who loves music and dancing. She is playing a brand new rhythm game called "Just Guitar". In this game, the player plays an imaginary guitar and gains style points based on their performance.

Kyoko just played a song that has a sequence of n notes in it. For each note, Kyoko gets either "Perfect", "Great", or "Miss". Each "Perfect" counts as 100 points; each "Great" as 50 points; and each "Miss" as 0 points.

Kyoko also earns combo bonuses for getting "Perfect" or "Great" consecutively. The game has a combo counter that starts at 0 at the beginning of a song. For each "Perfect" or "Great" note, Kyoko gets a combo bonus equal to the current combo counter, and then the counter is increased by one. But any "Miss" does not earn combo bonuses and resets the counter to 0.

Given a record of Kyoko's performance, can you calculate the final score for her?

Input

The input contains two lines. The first line contains an integer n ($1 \leq n \leq 1000$), how many notes are there in the song. The second line contains a string of length n, where each character can only be "*", "o" (lowercase, as in orange), or "x" (lowercase, as in exceed), correspond to "Perfect", "Great", and "Miss" respectively.

Output

Output a single integer which is Kyoko's final score.

Sample Input 1	Sample Output 1
5 *****	510

Sample Input 2	Sample Output 2
5 **xoo	302

Sample Input 3	Sample Output 3
10 *o*o*o**xo	728