JS7 // Renovating The Castle

After building Zhehai's Cup Castle for the CCC, he decides that he needs to make some improvements that will help maximize his CCC score. Given two strings, find the minimum number of operations Zhehai needs to do in order to carry out the home renovations.

Zhehai can do one of any 3 of the following operations at a time to his current castle:
1. Insert a character
2. Delete a character
3. Replace a character with another character

Input Specification:
The input will consist of two lines of strings. The first line will contain a string representing the current castle and the second line will contain a string representing the castle Zhehai wants to make. Each string will have less than 300 characters.

Output Specification:
Output the minimum number of adjustments Zhehai needs to carry out for the renovations.

Sample Input:
{<-0.---.0->}
{<-_->}
Sample Output:
7

Sample Input:
(=.E.=)
-[<=o=>]-
Sample Output:
8