

# Maximum alignment

Time Limit: 1 seconds

## Problem Description

Find the maximum score of any alignment of two given sequences. The scoring scheme is given as follows:

Match: +8 ( $w(x, y) = 8$ , if  $x = y$ )

Mismatch: -5 ( $w(x, y) = -5$ , if  $x \neq y$ )

Each gap symbol: -3 ( $w(-, x) = w(x, -) = -3$ )

## Input File Format

There are several test data. Each test data contains two lines, and each line contains a string (sequence) of English letters. The length of each string is at most 500.

## Output Format

Output the maximum score of alignment of data in one line.

## Example

Sample Input	Sample Output
ABCD	18
BACD	-15
XXX	
YYY	