**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 ≠ 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  BACD  XXX  YYY | 18  -15 |