Ones

Time limit: 1.0s **Memory limit:** 1G

You are given two positive integers, A and B. Define O_x as the decimal number consisting of x consecutive ones. For example, $O_4 = 1111$. Determine the number of ones in the decimal representation of $O_A \times O_B$.

Constraints

$1 \leq A, B \leq 10^9$

Subtask 1 [20%]

$1 \leq A, B \leq 10^5$

Subtask 2 [80%]

No additional constraints.

Input Specification

The first line contains two space-separated integers, A and B.

Output Specification

Output one line containing one integer, the number of ones in the decimal representation of $O_A \times O_B$.

Sample Input 1

```
3 5
```

Sample Output 1

```
2
```

Explanation for Sample 1

$O_3 \times O_5 = 111 \times 11111 = \underline{1}233321 \rightarrow 2$ ones.

Sample Input 2

```
314159 265358
```

Sample Output 2

```
29486
```