

(Adv.) Competitive Programming

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Problem: chocolate (1 second timelimit)

Your friend wants to enroll in the lecture *Algorithmic Problem Solving WS18/19*. The mean lecturer demands a password, which is only obtained by solving [an intractable riddle](#). You want to help your friend, but after reading the riddle you decide that it cannot be solved by a human. But maybe a computer can?

Input The first and only line of input contains two integers $w, h \leq 1e5$ representing the width and length of the chocolate.

Output Print the minimum number of operations.

Sample input

```
1 1
```

```
2 1
```

```
2 2
```

Sample output

```
0
```

```
1
```

```
3
```