

# Hands meeting

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[English version](#)

Given the hour, calculate the minimum number of minutes that a clock needs so that its hands were in the same position.

## Input

There is unknown number of tests. Each of them consist of two integers: **h** and **m** which represent the starting hour ( $0 < h < 25$ ,  $0 \leq m < 60$ ).

## Output

For each test print the minimal number of minutes which the clock needs so that its hands were in the same position.

## Example

**Input:**

3 0  
12 0  
17 47  
15 15  
8 44  
13 6

**Output:**

16  
0  
46  
1  
0  
65