

HANDS - Clock Hands



The minute hand and hour hand love each other. The 'Second' hand is a spy who wants to keep track on how many times they pass over each other in a given interval on a day. Help the second hand.

Input Format

First line contains the number of test cases t . Each test case has two lines representing the start time and end time respectively. The time would be in format (hh:mm). hh will be between 00 and 23, mm will be between 00 and 59. If the minute and hour hand are overlapping right at the start time (like at 12:00) then it would not be counted. (00:00 <= 'start time' < 'end time' <= 23:59)

Constraints

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Output Format

For each test case print, on a separate line, the number of times they overlap each other.

Sample Input 0

```
5
00:00
03:00
00:00
00:10
06:00
12:00
11:59
12:01
00:00
12:00
```

Sample Output 0

```
2
0
6
1
11
```