Problem F
In the Silence

Time limit: **3 seconds**
Memory limit: **1024 megabytes**

Problem Description

The rain had just stopped. Streetlights glowed like soaked flames, casting blurry shadows on the worn, peeling walls.

Jimmy stood at the doorway, his backpack still on his shoulder. Dorris sat on the edge of the bed, her face pale. Jimmy just as he was finishing his internship work, a notification appeared on his phone - Dorris had left the project group chat.

He rushed over, but it was already too late. Lately, he had been buried in exams, internships, and competitions. He had filled every corner of his future plans - except the part where she might belong.

She did not leave suddenly. He had simply never turned around to see it coming. He thought preparing for the future was an act of love. She saw clearly that in that future, she was not included at all.

The room fell quiet. The only sound was the ticking of the clock on the wall, counting their silence one beat at a time.

She opened the door, said maybe one day they' d meet again—maybe by then, he would have learned how to love someone. When the door closed, so did their story.

Jimmy stayed in the room for a long time, as if the hands of the clock had frozen him in place. He could not remember how long it had been since Dorris left. He did not recall whether she looked back - but he remembered the time on the clock when she walked out, and the time when he finally came back to himself.

Based on the time Dorris left and the moment Jimmy came to, can you help Jimmy calculate how many minutes he spent sitting in a daze?

Input Format

Your program is to read from standard input. The input consists of T test cases. The number of test cases T is given on the first line of the input.

Each test case consists of two lines:

- The first line contains two integers s_1 and s_2, which are separated by a space, representing the time when Jimmy started zoning out. The two integers are the hour and minute, respectively.
- The second line contains two integers e_1 and e_2, which are separated by a space, representing the time when Jimmy snapped out of it. The two integers are the hour and minute, respectively.

Time is given in 24-hour format.

You may assume that the second time is always later than or equal to the first time, and both times occur on the same day.

Output Format

Your program is to write to standard output. Print exactly one line for each test case. The line is to contain the number of minutes Jimmy spent spacing out.

Technical Specification

- $1 \leq T \leq 10$
- $0 \leq s_1, e_1 \leq 23$
- $0 \leq s_2, e_2 \leq 59$.

Sample Input 1

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2
22 10
23 16
16 35
18 15
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Sample Output 1

```
66
100
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