ur programmer friend Micro just taught his son, Micro Junior, how to read a clock. Few days back he also taught him about [palindromes](https://en.wikipedia.org/wiki/Palindrome). Now as we know that Micro Junior looks for opportunities to trouble his father, so he started asking him questions. He asked him **T**questions. In each he gave his father a starting time and an ending time and asked the number of times in between which are palindromes (see sample explanation for more clarity) . Now Micro asked for your help to solve this problem.

**Input**:  
The first line consists of **T**, the number of questions.  
Next **T** lines consist of a starting time **S** and an ending time **E** separated by a space. Time is given in 24-hour format without any colons. (See sample input)

**Output**:  
Print the answer for each question in a new line.

**Constraints**:  
1 ≤ **T** ≤ 1000  
It is assured that every time given is valid. Time starts from 0000 to 2359   
**S** ≤ **E**

**SAMPLE INPUT**

3

0100 0200

1100 1300

1331 1441

**SAMPLE OUTPUT**

1

2

2

**Explanation**

Between 0100 and 0200, only palindromic time is 0110.  
Between 1100 and 1300, palindromic times are 1111 and 1221.  
Between 1331 and 1441, palindromic times are 1331 and 1441.