

Time Delta



You are given 2 timestamps in the format given below:

Day dd Mon yyyy hh:mm:ss +xxxx

Here +xxxx represents the time zone. Your task is to print the absolute difference (in seconds) between them.

Input Format

The first line contains T , the number of testcases.

Each testcase contains 2 lines, representing time t_1 and time t_2 .

Constraints

- Input contains only valid timestamps
- $year \leq 3000$.

Output Format

Print the absolute difference ($t_1 - t_2$) in seconds.

Sample Input 0

```
2
Sun 10 May 2015 13:54:36 -0700
Sun 10 May 2015 13:54:36 -0000
Sat 02 May 2015 19:54:36 +0530
Fri 01 May 2015 13:54:36 -0000
```

Sample Output 0

```
25200
88200
```

Explanation 0

In the first query, when we compare the time in UTC for both the time stamps, we see a difference of 7 hours. which is 7×3600 seconds or **25200** seconds.

Similarly, in the second query, time difference is 5 hours and 30 minutes for time zone adjusting for that we have a difference of 1 day and 30 minutes. Or $24 \times 3600 + 30 \times 60 \Rightarrow 88200$