

Problem C: The Microwave

My microwave has several uses, but two stand out as particularly useful: the microwave tells me the time, and the microwave heats my food. Naturally these are desirable qualities of a microwave. Unfortunately, in general, it cannot perform both uses at once - when I'm using the microwave, instead of telling me the time, it tells me the remaining time that the microwave will cook for! However, as the microwave counts down the remaining time left, it might actually display the "correct" time, if only for a second.



I'll start the microwave at a given time, with the current time in the format $HH : MM : SS$ (Hours ranging from 00 to 23, Minutes ranging from 00 to 59, and Seconds ranging from 00 to 59). The microwave, however, will only display the hours and minutes (not the seconds). For example, if the current time is 12 : 34 : 56, the microwave displays 12 : 34. When I set the microwave to cook, I'll set it for an amount of time given in the format $MM : SS$ (Minutes ranging from 00 to 23, Seconds ranging from 00 to 59). When the microwave is cooking, it will display the remaining cooking time in minutes and seconds.

The microwave begins its countdown exactly at the given time. Every second, it will display one fewer second on its countdown timer. The microwave will display 00 : 00 for a second at the end of its cooking session (before switching to display "END").

As the microwave counts down, time continues to pass. Will there ever be some point during the microwave's cooking phase where the displayed time is the same as if the microwave was not cooking?

Input Specification:

The input begins with an integer T , the number of test cases. Each test case consists of two times on a given line, in the format described above. First is the time that the microwave cook cycle starts at, in the format $HH : MM : SS$, and then the amount of time the microwave will cook for in the format $MM : SS$.

Output Specification:

For each test case, output **Yes** if there exists some time when the microwave displays the "correct" time, and **No** otherwise.

Sample Input:

```
3
23:54:00 06:00
00:03:00 05:00
00:03:07 05:00
```

Sample Output:

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Yes
Yes
No
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