## 6055. Minimum Number of Operations to Convert Time

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You are given two strings current and correct representing two 24-hour times.

24-hour times are formatted as "HH:MM", where HH is between 00 and 23, and MM is between 00 and 59. The earliest 24-hour time is 00:00, and the latest is 23:59.

In one operation you can increase the time current by 1, 5, 15, or 60 minutes. You can perform this operation any number of times.

Return the *minimum number of operations* needed to convert current to correct.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Easy

## Example 1:

```
Input: current = "02:30", correct = "04:35"
Output: 3
Explanation:
We can convert current to correct in 3 operations as follows:
    Add 60 minutes to current. current becomes "03:30".
    Add 60 minutes to current. current becomes "04:30".
    Add 5 minutes to current. current becomes "04:35".
It can be proven that it is not possible to convert current to correct in fewer than 3 operations.
```

## Example 2:

```
Input: current = "11:00", correct = "11:01"
Output: 1
Explanation: We only have to add one minute to current, so the minimum number of operations needed is 1.
```

## **Constraints:**

- current and correct are in the format "HH:MM"
- current <= correct

```
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JavaScript
1 \cdot const convertTime = (s, t) \Rightarrow {
        let [hs, ms] = op(s), [ht, mt] = op(t);
2
        let diff = Math.abs(hs * 60 + ms - (ht * 60 + mt));
 3
 4
        // pr(hs, ms, ht, mt, diff);
 5
        let res = 0;
 6
        res += parseInt(diff / 60);
 7
        diff %= 60;
8
        res += parseInt(diff / 15);
9
        diff %= 15;
10
        res += parseInt(diff / 5);
        diff %= 5;
11
12
        // pr(res, diff);
13
        return res + diff;
    };
14
15
16 •
    const op = (s) \Rightarrow \{
        let a = s.split(":").map(Number);
17
18
         return a;
    };
19
```

☐ Custom Testcase Use Example residases

