1276. Number of Burgers with No Waste of Ingredients

Description

Given two integers `tomatoSlices` and `cheeseSlices`. The ingredients of different burgers are as follows:

- **Jumbo Burger:** `4` tomato slices and `1` cheese slice.
- **Small Burger:** `2` Tomato slices and `1` cheese slice.

Return `[total_jumbo, total_small]` so that the number of remaining `tomatoSlices` equal to `0` and the number of remaining `cheeseSlices` equal to `0`. If it is not possible to make the remaining `tomatoSlices` and `cheeseSlices` equal to `0` return `[]`.

Example 1:

```
Input: tomatoSlices = 16, cheeseSlices = 7
Output: [1,6]
Explantion: To make one jumbo burger and 6 small burgers we need 4*1 + 2*6 = 16 tomato and 1 + 6 = 7 cheese.
There will be no remaining ingredients.
```

Example 2:

```
Input: tomatoSlices = 17, cheeseSlices = 4
Output: []
Explantion: There will be no way to use all ingredients to make small and jumbo burgers.
```

Example 3:

```
Input: tomatoSlices = 4, cheeseSlices = 17
Output: []
Explantion: Making 1 jumbo burger there will be 16 cheese remaining and making 2 small burgers there will be 15 cheese remaining.
```

Constraints:

- `0 <= tomatoSlices, cheeseSlices <= 10^7`