Help for HW 05

Let's look at a similar problem: Adding two distances given in yards, feet, and inches. We know:

- There are 12 inches in one foot.
- There are 3 feet in one yard.

So, to add 3 yards, 2 feet, 10 inches together with 2 yards, 10 feet, 15 inches:

Here is how the addition is done:

First add the inches

How many whole feet is that? 25 // 12 = 2

How many inches are left over? 25 % 12 = 1

So, the final answer will have 1"

Next add the feet, including the extra 2 feet from when we added the inches

How many whole yards is that? 14 // 3 = 4

How many feet are left over? 14 % 3 = 2

So, the final answer will have 2'

Finally add the yards, including the extra 4 yards from when we added the feet

$$3y + 2y + 4y = 9y$$

So, the final answer will have 9 y

The final answer is then: 9 y 2' 1"