

Explanation

Fruity Totals =

The method I used was guess and check. From 5-15 I tried every number.

I first started with the first row. I found out that the apple was 15.

I tried 8 for banana so $8 \times 3 = 24$

$\begin{array}{c} \text{value} \\ \text{of} \\ \text{banana} \end{array} \quad \begin{array}{c} \text{number of} \\ \text{bananas} \end{array}$

$$\begin{array}{r} 39 \\ \hline \end{array} - \begin{array}{r} 24 \\ \hline \end{array} = \begin{array}{r} 15 \\ \hline \end{array}$$

Total total of bananas value of apple.

!! we found the value of the apple !!

BANANA: 8
APPLE: 15
PLUM: 11
CHERRY: 4

we have to get the value of the plum now.
we know the value of the banana and apple.
I can solve the third row. (49)

Banana + Apple $\times 2$ + plum (?) = 49.

$$\begin{array}{r} 8 \\ + \quad 15 + 15 \\ + \quad 11 \\ \hline 38 \end{array}$$

49 - 38 = 11

└─ plum.

The total of the banana and apple is 38. If we subtract 38 by 49 we get 11.
PLUM = 11

! Lastly, we have to find the value of the cherry.
Let's look at the 2nd row.

Banana + Plum $\times 2$ + cherry (?) = 34

$$\begin{array}{r} 8 \\ + \quad 11 + 11 = 22 \\ + \quad 11 \\ \hline 30 \end{array}$$

34 - 30 = 4

└─ Total

The total of Banana and 2 plums are 30.
If we subtract 30 by 34 is 4.

CHERRY = 4

we got all the fruits !!

Double-check by doing the rest of the rows :)

