

x : 初めのイス数

$$\frac{0.1 \cdot x}{1割座} + \frac{7 \cdot 10}{座.10分} = \frac{0.6(x + 5 \cdot 10)}{イス10分後}$$

$$\Rightarrow x = 80, \text{ 10分後 } \underline{80 + 50 = 130}$$

$$0.6 \times 130 = 78 \Rightarrow \underline{\text{空: } 52}$$

$$\text{毎分: } \frac{7}{\substack{\uparrow \\ \text{座}3}} - \frac{5}{\substack{\uparrow \\ \text{並}3}} = \underline{2} \text{ 理3} \Rightarrow \underline{\underline{52 \div 2 = 26}} \text{ 分}$$

3/
53 2 75%

x : 団体の人数

100円基準

$$\underline{50 \times x = 54(x - 3) - 10}$$

$$50x = 54x - 172$$

$$4x = 172$$

$$\Rightarrow \underline{x = 43 \text{ (人)}}$$

※ 10 多.. $\Rightarrow$ 10 を 31 < と同じ

S3 3 76%

$$A > B > C$$

$\begin{array}{ccc} \parallel & \downarrow & \downarrow \\ a & x & x \end{array}$

$$A: a$$

$$B: a - x$$

$$C: a - 2x$$

$$(a - x + 4) - (a - 4) = (a - 4) - (a - 2x)$$

B

A

A

C

$$-x + 8 = 2x - 4 \rightarrow \underline{x = 4}$$

$$A: a - 4, B: a, C: \underline{a - 8}$$

$$\underline{B - C = C - A} \Rightarrow a - (a - 8) = (a - 8) - \frac{(a - 4)}{2}$$

$$a = 28 \Rightarrow \underline{C = 20}$$

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 x : プランター数, y : 球根数

$$\text{ア} \rightarrow 60x = y + 150 \quad \dots \textcircled{1}$$

$$\text{イ} \rightarrow 40x < y - 430 \quad \dots \textcircled{2}$$

$$\text{ウ} \rightarrow y - (60 \cdot \frac{x}{2} + 40 \cdot \frac{x}{2}) < 160$$

$$\Rightarrow y - 50x < 160 \quad \dots \textcircled{3}$$

$$\textcircled{1}, \textcircled{2} \text{より } x < 29$$

$$\textcircled{1}, \textcircled{3} \text{より } x < 31$$

$$\therefore x = 30 \Rightarrow \textcircled{1} \text{より } y = 1650$$

83 10 66%

Aをx個, Bをy個

人件に $3x + 2y \leq 130$ ①

原料に $4x + 5y \leq 220$ ②

①より $\times 4$ $12x + 8y \leq 520$

②より $\times 3$ $12x + 15y \leq 660$

差 $7y \leq 140 \Rightarrow y \leq 20$

出荷額: $12x + 10y \leq 360 + 200$ ①[^]
 $= 560$

$x \leq 30$