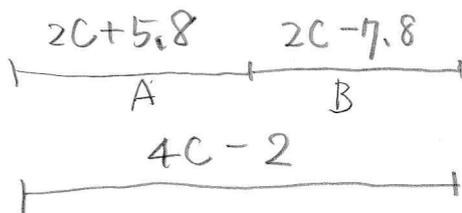


和と差15

A, B, Cの3人の体重の和は164kgです。また、AとBの体重の和はCの体重の4倍より2kg少なく、Aの体重はCの体重の2倍より5.8kg多いです。A, B, Cの体重はそれぞれ何ですか。 [ラ・サール中]

$$A + B = C \times 4 - 2$$

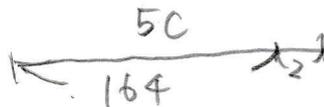
$$A = C \times 2 + 5.8$$



$$A + B + C = 164 \text{ (あ3か5)}$$

$$2C + 5.8 + 2C - 7.8 + C = 164$$

$$5C - 2 = 164$$



$$C = 166 \div 5 = 33.2$$

$$A = 33.2 \times 2 + 5.8 = 72.2$$

$$B = 166 - (33.2 + 72.2) = 58.6$$

$$\begin{array}{r} 66.4 \\ 5.8 \\ \hline 72.2 \end{array}$$

$$\underline{A \ 72.2 \text{ kg} \quad B \ 58.6 \text{ kg} \quad C = 33.2 \text{ kg}}$$

$$\begin{array}{r} 166 \\ \cancel{105.4} \\ \hline 60.6 \end{array}$$

$$\begin{array}{r} 164 \\ \cancel{105.4} \\ \hline 58.6 \end{array}$$