

Lösningar, bokreauppgift:

Larsson	x
Persson	$x + 60$
Marklund	$x + (x + 60) - 250$

$$x = 125 \text{ kr}$$

$$125 + 60 = 185 \text{ kr}$$

$$125 + 185 - 250 = 60 \text{ kr}$$

$$\text{Tillsammans} \quad x + (x + 60) + (x + (x + 60) - 250) = 370$$

$$= 4x + 120 - 250 = 370$$

$$= 4x - 130 = 370$$

$$4x = 500$$

$$x = 125$$

$$\text{Person} = x$$

$$\text{Larsson} = y$$

$$\text{Marklund} = b$$

$$\rightarrow x + y + b = 370 \text{ kr}$$

$$y + 60 + y + y + y + 60 - 250 = 370$$

$$\text{Larsson} = 125 \text{ kr}$$

$$\text{Persson} = 125 + 60 = 185 \text{ kr}$$

$$\text{Marklund} = 250 - (125 + 185)$$

$$\text{Marklund} = 60 \text{ kr}$$

(b)

$$4y + (250 - 120) = 370$$

$$y = \frac{500}{4} = 125 \text{ kr}$$

$$370 = x + 250 + 60$$

$$\begin{array}{r} 370 = x + 310 \\ -310 \end{array}$$

$$60 = x$$

$$M = x$$

$$L = y$$

$$P = y + 60$$

$$\begin{array}{r} 60 + 2y = 310 \\ -60 \quad -60 \end{array}$$

$$\frac{2y}{2} = \frac{250}{2}$$

$$y = \underline{125}$$

$$125 + 60 = \underline{185}$$