

$$\begin{cases} x+y=200 \\ 0,4x+0,6y=110 \end{cases} \quad \times 2,5 \quad \begin{cases} x+y=200 \\ x+1,5y=275 \end{cases}$$

$$1,5y - y = 275 - 200$$

$$0,5y = 75$$

$$\boxed{\begin{array}{l} y = 150 \\ x = 50 \end{array}}$$