

33) b)

⑥

$$\begin{array}{l} \text{Produção:} \\ \text{1 und} \\ \text{Beta} \end{array} \left\{ \begin{array}{l} \pi_P = 4 \times 12 \text{ €/kg} \\ \pi_{OD} = 2 \times 15 \text{ €/hora} \\ \text{GGF} = 2 \times 12 \text{ €/hora} \end{array} \right.$$

$$\begin{array}{l} \text{Produção} \\ \text{1800 und} \\ \text{Beta} \end{array} \left\{ \begin{array}{l} \pi_P = 88000 \text{ € (7250 kg)} \\ \pi_{OD} = 54250 \text{ € (3550 horas)} \\ \text{GGF} = 45200 \text{ (3550 horas)} \end{array} \right.$$

⇓

se for a estes preços gastaria:

$$1 \text{ und Beta} \text{ — } 4 \pi_P$$

$$1800 \text{ " Beta} \text{ — } \pi = \underline{\underline{7200 \text{ kg } \pi_P}} \times 12 \text{ €} = 86400 \text{ €}$$

$$1 \text{ und Beta} \text{ — } 2 \pi_{OD}$$

$$1800 \text{ " Beta} \text{ — } \pi = \underline{\underline{3600 \text{ horas } \pi_{OD}}} \times 15 \text{ €} = 54000 \text{ €}$$

$$1 \text{ und Beta} \text{ — } 2 \text{ GGF}$$

$$1800 \text{ " Beta} \text{ — } \pi = \underline{\underline{3600 \text{ horas GGF}}} \times 12 \text{ €} = 43200 \text{ €}$$

$$\pi_P = 88000 - 86400 = 1600 \text{ €}$$

$$\pi_{OD} = 54250 - 54000 = 250 \text{ €}$$

$$\text{GGF} = 45200 - 43200 = 2000 \text{ €}$$

$$\text{Desvio desfavorável} = 1600 + 250 + 2000 = 3850 \text{ €}$$