

b)

$$P_0 = 200$$

$$P_t = 15\% = 0.15$$

$$P_t = ?$$

$$P_t = \frac{P_0}{1 + P_t} - 1$$

$$0.15 = \frac{200}{1 + P_t} - 1$$

$$1.15 = \frac{200}{1 + P_t} \quad | \cdot 200$$

$$230 = 200 + P_t$$

$$P_t = 30 \text{ km}$$

Prüfung 45

BIONICA E  $\rightarrow y_0 = \pm\%$

$$\% \Delta P = 3\%$$

$$\left\{ \begin{array}{l} P_t = y_0 + \% \Delta P \\ P_t = \pm\% + 3\% = 10\% \end{array} \right.$$

a) BIONICA A  $\rightarrow y_0 = 5\%$

$$P_t(E) = P_t(A) \rightarrow \text{ohne risikoreduzierung}$$

$$\% \Delta P = ?$$

$$P_t = y_0 + \% \Delta P$$

$$10\% = 5\% + \% \Delta P$$

$$\% \Delta P = 5\%$$

$$P_t = y_0 + \% \Delta P$$

$$12\% = y_0 + 4\%$$

$$y_0 = 8\%$$

$$P_t = y_0 + \% \Delta P$$

$$8\% = 0 + \% \Delta P$$

$$\% \Delta P = 8\%$$

b) BIONICA B  $\rightarrow \% \Delta P = 4\%$

$$P_t = 12\%$$

$$y_0 = ?$$

c) BIONICA C  $\rightarrow P_t = 8\%$

$$y_0 = 0$$

$$\% \Delta P = ?$$