

8. GRUNDWERT, PROZENTWERT, PROZENTSATZ

$$\begin{array}{l} \underline{8.1} \\ 24 \text{ Sch.} \hat{=} \left| \frac{100\% \cdot 7 \text{ Sch.}}{? \cdot 24 \text{ Sch.}} = \underline{\underline{29,17\%}} \right. \\ 7 \text{ Sch.} \hat{=} \end{array}$$

$$\begin{array}{l} \underline{8.2} \\ 100\% \hat{=} \left| \frac{112 \text{ Einbr.} \cdot 92,9\%}{? \cdot 100\%} = \underline{\underline{104 \text{ Einbr.}}} \right. \\ 92,9\% \hat{=} \end{array}$$

$$\begin{array}{l} \underline{8.3} \\ 5\% \hat{=} \left| \frac{125 \text{ Fr.} \cdot 100\%}{? \cdot 5\%} = \underline{\underline{2500 \text{ Fr.}}} \right. \\ 100\% \hat{=} \end{array}$$

$$\underline{8.4} \quad p = \frac{z \cdot 100}{K} = \frac{300 \text{ Fr.} \cdot 100\%}{4100 \text{ Fr.}} = \underline{\underline{7,3\%}}$$

$$\begin{array}{l} \underline{8.5} \\ 2000 \text{ Akt.} \hat{=} \left| \frac{100\% \cdot 540 \text{ Akt.}}{? \cdot 2000 \text{ Akt.}} = \underline{\underline{27\%}} \right. \\ 540 \text{ Akt.} \hat{=} \end{array}$$

$$\begin{array}{l} \underline{8.6} \\ 42,2 \text{ km} \hat{=} \left| \frac{100\% \cdot 33 \text{ km}}{? \cdot 42,2 \text{ km}} = \underline{\underline{78,2\%}} \right. \\ 33 \text{ km} \hat{=} \end{array}$$

$$\begin{array}{l} \underline{8.7} \\ 500 \text{ St.} \hat{=} \left| \frac{100\% \cdot 33 \text{ St.}}{? \cdot 500 \text{ St.}} = \underline{\underline{6,6\%}} \right. \\ 33 \text{ St.} \hat{=} \end{array}$$

$$\begin{array}{l} 300 \text{ St.} \hat{=} \left| \frac{100\% \cdot 16 \text{ St.}}{? \cdot 300 \text{ St.}} = \underline{\underline{5,3\%}} \right. \\ 16 \text{ St.} \hat{=} \end{array} \quad \Rightarrow \underline{\underline{B \text{ produziert besser}}}$$

$$\begin{array}{l} \underline{8.8} \\ 9 \text{ Std.} \hat{=} \left| \frac{100\% \cdot 1 \text{ Std.}}{? \cdot 9 \text{ Std.}} = \underline{\underline{11,1\%}} \right. \\ 1 \text{ Std.} \hat{=} \end{array}$$

$$\begin{array}{l} \underline{8.9} \\ z \cdot 100 = K \cdot p \\ (B - K) \cdot 100 = K \cdot p \\ B \cdot 100 - K \cdot 100 = K \cdot p \\ B \cdot 100 = K \cdot p + K \cdot 100 = K \cdot (p + 100) \\ \frac{B \cdot 100}{p + 100} = K \end{array}$$

$$\frac{5120 \text{ Fr.} \cdot 100\%}{12\% + 100\%} = K = \underline{\underline{4571,45 \text{ Fr.}}}$$

$$\begin{array}{l} 112\% \hat{=} \left| \frac{5120 \text{ Fr.} \cdot 100\%}{? \cdot 112\%} = \underline{\underline{4571,45 \text{ Fr.}}} \right. \\ 100\% \hat{=} \end{array}$$

$$\begin{array}{l} \underline{8.10} \\ 80\% \hat{=} \left| \frac{720 \text{ FR.} \cdot 100\%}{? \quad 80\%} \right. = \underline{900 \text{ FR.}} \\ 100\% \hat{=} \end{array}$$

$$\begin{array}{l} \underline{8.11} \\ 100\% \hat{=} \left| \frac{1000 \text{ gr} \cdot 4\%}{? \quad 100\%} \right. = \underline{40 \text{ gr}} \\ 4\% \hat{=} \end{array}$$

$$\begin{array}{l} \underline{8.12} \\ \text{a) } 100\% \hat{=} \left| \frac{13500 \text{ FR.} \cdot 15\%}{? \quad 100\%} \right. = \underline{2025 \text{ FR. Verlust}} \\ 15\% \hat{=} \end{array}$$

$$\begin{array}{l} \text{b) } 13500 \text{ FR.} - 2025 \text{ FR.} = 11475 \text{ FR. Gewinn bleiben} \Rightarrow 11475 \text{ FR.} \hat{=} \left| \frac{100\% \cdot 2025 \text{ FR.}}{? \quad 11475 \text{ FR.}} \right. = \underline{17.67\%} \\ 2025 \text{ FR.} \hat{=} \end{array}$$

$$\begin{array}{l} \underline{8.13} \\ 100\% \hat{=} \left| \frac{312 \text{ R.} \cdot 4,5\%}{? \quad 100\%} \right. = \underline{298 \text{ R.}} \\ 4,5\% \hat{=} \end{array}$$

$$\begin{array}{l} \underline{8.14} \\ 725 \text{ FR.} \hat{=} \left| \frac{100\% \cdot 75 \text{ FR.}}{? \quad 725 \text{ FR.}} \right. = \underline{10,34\%} \\ 75 \text{ FR.} \hat{=} \end{array}$$