

## 7. PROZENTRECHNEN

7.1 a)  $60\% = \frac{60}{100} = \frac{3}{5}$

b)  $125\% = \frac{125}{100} = \frac{5}{4} = 1\frac{1}{4}$

7.2 a)  $\frac{3}{4} = \frac{75}{100} = \underline{75\%}$

b)  $\frac{3}{8} = \frac{37,5}{100} = \underline{37,5\%}$

7.3  $100\% \hat{=} \frac{55'000 \text{ Fr.} \cdot 95\%}{95\% \hat{=} \frac{?}{100\%}} = \underline{52'250 \text{ Fr.}}$

7.4  $A = C = F$   
 $B = E$

7.5 a)  $\frac{1}{4} = \underline{25\%} = \underline{250\text{‰}}$

d)  $\frac{7}{8} = \underline{87,5\%} = \underline{875\text{‰}}$

b)  $\frac{2}{3} = \underline{66,67\%} = \underline{666,7\text{‰}}$

e)  $\frac{1}{6} = \underline{16,67\%} = \underline{166,7\text{‰}}$

c)  $\frac{3}{5} = \underline{60\%} = \underline{600\text{‰}}$

f)  $\frac{7}{20} = \underline{35\%} = \underline{350\text{‰}}$

7.6 a)  $25\% = \underline{\frac{1}{4}}$

d)  $11,11\% = \underline{\frac{1}{9}}$

b)  $85\% = \underline{\frac{17}{20}}$

e)  $80\% = \underline{\frac{4}{5}}$

c)  $120\% = \underline{\frac{6}{5}}$

f)  $66,66\% = \underline{\frac{2}{3}}$

7.7  $100\% \hat{=} \frac{527 \text{ K.} \cdot 51,2\%}{51,2\% \hat{=} \frac{?}{100\%}} = \underline{270 \text{ K.}}$

7.8  $100\% \hat{=} \frac{125 \text{ Uhren} \cdot 2,4\%}{2,4\% \hat{=} \frac{?}{100\%}} = \underline{3 \text{ Uhren}}$

7.9  $100\% \hat{=} \frac{134'000 \text{ E.} \cdot 52\%}{52\% \hat{=} \frac{?}{100\%}} = \underline{69'680 \text{ E.}}$

7.10  $100\% \hat{=} \frac{44'000 \text{ Fr.} \cdot 45\%}{45\% \hat{=} \frac{?}{100\%}} = \underline{19'800 \text{ Fr.}}$

7.11  $100\% \hat{=} \frac{5 \text{ Fr.} \cdot 90\%}{90\% \hat{=} \frac{?}{100\%}} = \underline{4,50 \text{ Fr.}}$