

## ▲ Test 1

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1. a)  $0,8 = \frac{8}{10} = \frac{4}{5}$       b)  $0,17 = \frac{17}{100}$       c)  $0,24 = \frac{24}{100} = \frac{6}{25}$   
 d)  $0,03 = \frac{3}{100}$       e)  $0,011 = \frac{11}{1000}$       f)  $0,045 = \frac{45}{1000} \stackrel{5}{=} \frac{9}{200}$

2. a)  $0,0032 = \frac{32}{10000} \stackrel{4}{=} \frac{8}{2500} \stackrel{4}{=} \frac{2}{625}$   
 b)  $0,01024 = \frac{1024}{100000} \stackrel{4}{=} \frac{256}{25000} \stackrel{4}{=} \frac{64}{6250} \stackrel{2}{=} \frac{32}{3125}$   
 c)  $0,0208 = \frac{208}{10000} \stackrel{4}{=} \frac{52}{2500} \stackrel{4}{=} \frac{13}{625}$   
 d)  $0,4448 = \frac{4448}{10000} \stackrel{4}{=} \frac{1112}{2500} \stackrel{4}{=} \frac{278}{625}$

3. a)  $\frac{3}{5} = 0,6$       b)  $\frac{12}{25} = \frac{48}{100} = 0,48$       c)  $\frac{3}{100} = 0,03$   
 d)  $\frac{7}{8} = 0,875$       e)  $\frac{8}{25} = \frac{32}{100} = 0,32$       f)  $\frac{498}{996} = \frac{1}{2} = 0,5$

$$\begin{array}{r} 7 : 8 = 0,875 \\ 0 \\ \underline{70} \\ 64 \\ \underline{60} \\ 56 \\ \underline{40} \\ 40 \\ \underline{40} \\ 0 \end{array}$$

4. a)  $\frac{17}{250} = \frac{68}{1000} = 0,068$       oder:  $17 : 250 = 0,068$

$$\begin{array}{r} 0 \\ \underline{170} \\ 0 \\ \underline{1700} \\ 1500 \\ \underline{2000} \\ 2000 \\ \underline{2000} \\ 0 \end{array}$$

## Test 1

$$b) \frac{15}{3000} = \frac{5}{1000} = 0,005$$

$$\text{oder: } 15 : 3000 = 0,005$$

$$\begin{array}{r} 0 \\ 150 \\ \underline{0} \\ 1500 \\ \underline{0} \\ 15000 \\ \underline{15000} \\ 0 \end{array}$$

$$c) \frac{168}{4200} = 0,04$$

$$\text{NR: } 168 : 4200 = 0,04$$

$$\begin{array}{r} 0 \\ 1680 \\ \underline{0} \\ 16800 \\ \underline{16800} \\ 0 \end{array}$$

$$5. a) 1951 : 250 = \boxed{7,804}$$

$$\begin{array}{r} 2010 \\ 2000 \\ \underline{100} \\ 0 \\ 1000 \\ \underline{1000} \\ 0 \end{array}$$

$$b) 1 \frac{198}{2000} = \boxed{1,099}$$

$$\text{NR: } 198 : 2000 = 0,099$$

$$\begin{array}{r} 0 \\ 1980 \\ \underline{0} \\ 19800 \\ \underline{18000} \\ 18000 \\ \underline{18000} \\ 0 \end{array}$$

$$c) \frac{303}{2500} = \frac{1212}{10000} = 0,1212$$

 auf Stufenzahl  
erweitern

$$\text{oder: } \frac{198}{2000} = \frac{99}{1000} = 0,099$$

$$d) 1,75 = 1 \frac{3}{4} = \boxed{\frac{7}{4}}$$