

$$= (25 \cdot 0,2) \cdot (2,5 - 2,5) \cdot 2$$

Zad. 53

$$a) 0,2 + \frac{3}{5} = 0,2 + 0,6 = 0,8$$

$$b) 1\frac{1}{3} - 0,1 = 1\frac{10}{30} - \frac{3}{30} = 1\frac{7}{30}$$

$$c) 1,25 \cdot \frac{3}{4} = 1\frac{1}{4} \cdot \frac{3}{4} = \frac{5}{4} \cdot \frac{3}{4} = \frac{15}{16}$$

$$d) 0,7 : \frac{7}{9} = \overset{0,1}{0,7} \cdot \frac{9}{7} = 0,9$$

$$e) (2,125 + \frac{5}{8}) \cdot 0,8 = (2\frac{1}{8} + \frac{5}{8}) \cdot 0,8 = 2\frac{6}{8} \cdot 0,8 = \\ = 2\frac{3}{4} \cdot 0,8 = \frac{11}{4} \cdot \overset{0,2}{0,8} = 2,2$$

$$f) 5\frac{1}{4} - (0,77 + 1,33) = 5\frac{1}{4} - 2,1 = 5,25 - 2,10 = \\ = 3,15$$

$$g) \overset{0,5}{3,5} \cdot \frac{1}{7} + \overset{0,2}{1,8} \cdot \frac{2}{9} = 0,5 + 0,4 = 0,9$$

$$h) 10,6 : (2\frac{1}{4} + 2,75) = 10,6 : 5 = \frac{106}{50} = 2\frac{6}{50} = 2\frac{3}{25} = \\ = 2,12$$

$$i) 1,09 + 7,2 : 1\frac{3}{5} = 1,09 + \overset{0,9}{7,2} \cdot \frac{5}{8} = \\ = 1,09 + 4,5 = 5,59$$

$$j) 0,5 \cdot 0,5 + \frac{1}{5} \cdot 1\frac{1}{5} = 0,25 + \frac{1}{5} \cdot \frac{6}{5} = 0,25 + \frac{6}{25} = \\ = 0,25 + 0,24 = 0,49$$

$$k) (3,8 - 2,9) \cdot \left(\frac{3}{8} + 0,125\right) = \\ = 0,9 \cdot \frac{1}{2} = 0,45$$

$$l) \left(8\frac{1}{3} - 8,1\right) \cdot \left(9 - 4\frac{5}{7}\right) =$$

$$= \left(8\frac{10}{30} - 8\frac{3}{30}\right) \cdot 4\frac{2}{7} =$$

$$= 8\frac{7}{30} \cdot 4\frac{2}{7} = \frac{247}{30} \cdot \frac{30}{7} = \frac{247}{7} = 35\frac{2}{7}$$

$$\begin{array}{r} 35 \\ 247 : 7 \\ \underline{-21} \\ 37 \\ \underline{-35} \\ 2 \end{array}$$

Zad. 58.

a) $\frac{1}{8} = 0,125$

$$\begin{array}{r} 0,125 \\ 8 \overline{) 1} \\ \underline{-0} \\ 10 \\ \underline{-8} \\ 20 \\ \underline{-16} \\ 40 \\ \underline{-40} \\ 0 \end{array}$$

b) $\frac{7}{9} = 0,7(7)$

$$\begin{array}{r} 0,7(7) \\ 9 \overline{) 7} \\ \underline{-0} \\ 70 \\ \underline{-63} \\ 7 \end{array}$$

c) $\frac{5}{12} = 0,41(6)$

$$\begin{array}{r} 0,41(6) \\ 12 \overline{) 5} \\ \underline{-0} \\ 50 \\ \underline{-48} \\ 20 \\ \underline{-12} \\ 80 \\ \underline{-72} \\ 80 \end{array}$$

d) $\frac{5}{16} = 0,3125$

$$\begin{array}{r} 0,3125 \\ 16 \overline{) 5} \\ \underline{-0} \\ 50 \\ \underline{-48} \\ 20 \\ \underline{-16} \\ 40 \\ \underline{-32} \\ 80 \\ \underline{-80} \\ 0 \end{array}$$

$$e) 3\frac{5}{6} = 3,8(3)$$

$$\begin{array}{r} 0,83. \\ 5:6 \\ \hline -0 \\ \hline 50 \\ -48 \\ \hline 20 \\ -18 \\ \hline 20. \end{array}$$

$$f) 1\frac{1}{7} = 1,142857)$$

$$\begin{array}{r} 0,1428571... \\ 1:7 \\ \hline -0 \\ \hline 10 \\ -7 \\ \hline 30 \\ -28 \\ \hline 20 \\ -14 \\ \hline 60 \\ -56 \\ \hline 40 \\ -35 \\ \hline 50 \\ -49 \\ \hline 10 \\ \vdots \end{array}$$

Zad. 61.

a) $0,5 < 0,15$

e) $1,13 < 1,14$

b) $0,67 > 0,6$

f) $2,131 < 2,13$

c) $3,24 < 3\frac{1}{4}$

g) $4,23 < 4,213$

d) $\frac{7}{9} = 0,17$

h) $3,58 < 3,585(8)$

Zad. 92.

$$0,6 < \frac{3}{4} \quad | \quad 0,5 > \frac{4}{9} \quad | \quad \frac{2}{3} < 0,7$$

$$0,6 > \frac{1}{2} \quad | \quad 0,6 < \frac{2}{3} \quad | \quad \frac{3}{2} > 1,4$$

Zad. 54

a) $\frac{3}{4} \cdot 0,5 = \frac{3}{4} \cdot \frac{1}{2} = \frac{3}{8}$

b) $0,2 \cdot 2\frac{1}{3} = \frac{1}{5} \cdot \frac{7}{3} = \frac{7}{15}$

c) $\frac{4}{7} \cdot 2,5 = \frac{4}{7} \cdot 2\frac{1}{2} = \frac{4}{7} \cdot \frac{5}{2} = \frac{10}{7} = 1\frac{3}{7}$