

VAJE - DECIMALNA ŠTEVILA, ULOMKI (31.3)

1. a) $\frac{43}{1000} = 0,043$

e) $\frac{3 \cdot 4}{25 \cdot 4} = \frac{12}{100} = 0,12$

b) $\frac{19 \cdot 2}{5 \cdot 2} = \frac{38}{10} = 3,8$

f) $1\frac{7 \cdot 5}{20 \cdot 5} = 1\frac{35}{100} = 1,35$

c) $\frac{9 \cdot 25}{4 \cdot 25} = \frac{225}{100} = 2,25$

g) $\frac{9}{7} = 1,285714$

k) $\frac{1}{15} = 0,0\overline{6}$

9 : 7 = 1,285714
 $\begin{array}{r} 20 \\ \underline{60} \\ 40 \\ \underline{50} \\ 10 \\ \underline{30} \\ 20 \end{array}$
 1 : 15 = 0,066
 $\begin{array}{r} 10 \\ \underline{100} \\ 100 \end{array}$

2. a) $0,7 = \frac{7}{10}$

d) $0,045 = \frac{45 \cdot 5}{1000 \cdot 5} = \frac{9}{200}$

b) $7,76 = 7\frac{76}{100} = 7\frac{19}{25}$

e) $4,433 = 4\frac{433}{1000}$

c) $2,65 = 2\frac{65}{100} = 2\frac{13}{20}$

f) $15,8 = 15\frac{8}{10} = 15\frac{4}{5}$

3. a)
$$\begin{array}{r} 5,8 \cdot 0,07 \\ \underline{0,406} \\ \hline \end{array}$$

b)
$$\begin{array}{r} 2,77 \\ + 3,30 \\ \hline 6,07 \end{array}$$

c)
$$\begin{array}{r} 45,50 \\ - 3,87 \\ \hline 41,63 \end{array}$$

č) $0,126 : 0,3 = 0,42$
 $1,26 : 3 = 0,42$
 $\begin{array}{r} 12 \\ \underline{06} \end{array}$

d) $4\frac{1}{2} - 2,4 = 4,5 - 2,4 = 2,1$

e) $2,5 + 1\frac{2}{3} = 2\frac{1}{2} + 1\frac{2}{3}$

ali: $4\frac{1}{2} - 2,4 = 4\frac{1}{2} - 2\frac{4}{10} = 4\frac{5}{10} - 2\frac{4}{10} = 2\frac{1}{10}$

$= 2\frac{3}{6} + 1\frac{4}{6} = 3\frac{7}{6} = 4\frac{1}{6}$

f) $6\frac{2}{3} \cdot 3,75 = \frac{20}{3} \cdot 3\frac{3}{4} =$
 $= \frac{5 \cdot 20}{3_1} \cdot \frac{15^5}{4_1} = \frac{25}{1} = 25$

g) $4,5 : 6\frac{1}{4} = 4\frac{1}{2} : \frac{25}{4} =$
 $\frac{9}{2} \cdot \frac{4^2}{25} = \frac{18}{25}$

h) $(2\frac{2}{5} - 1,3) : 3\frac{7}{11} =$

$= 1\frac{1}{10} : \frac{40}{11} =$

$(2\frac{4}{10} - 1\frac{3}{10}) : \frac{40}{11} =$

$= \frac{11}{10} \cdot \frac{11}{40} = \frac{121}{400}$