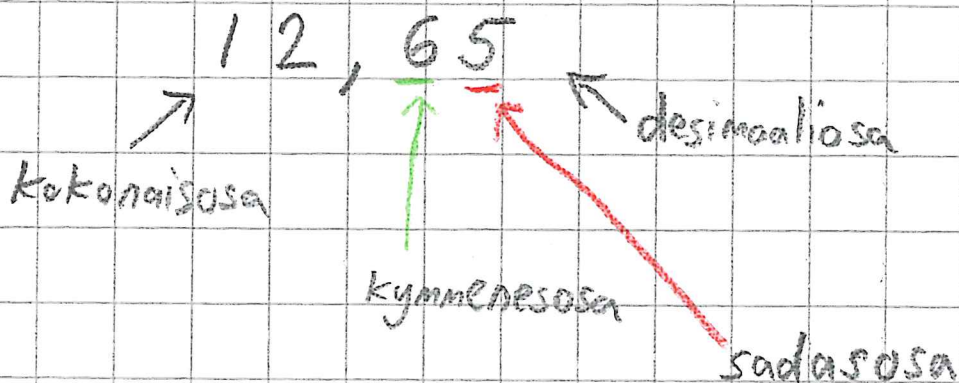


s.55

Desimaaliluvut

esim.



$$\frac{1}{10} = 0,1$$

$$\frac{23}{100} = 0,23$$

$$\frac{23}{10} = 2\frac{3}{10} = 2,3$$

esim. ²⁾ $\frac{2}{5} = \frac{4}{10} = 0,4$

TAI $2 : 5 = 0,4$

$$\begin{array}{r} 20 \\ -20 \\ \hline 0 \end{array}$$

esim. $\frac{1}{3} = 0,333\dots \approx 0,33$ ← pyöristys

esim. $0,6 = \frac{6^{12}}{10} = \frac{3}{5}$

s. 56

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Muunna luku desimaaliluvuksi

$$a) \frac{4}{10} = 0,4 \quad \left[\begin{array}{l} \text{kymmenesosa,} \\ 1 \text{ desimaali} \end{array} \right]$$

$$b) \frac{63}{100} = 0,63 \quad \left[\begin{array}{l} \text{sadasosa,} \\ 2 \text{ desimaalia} \end{array} \right]$$

$$c) \frac{5124}{1000} = 5 \frac{124}{1000} = 5,124$$

$$\left[\begin{array}{l} \text{tuhannesosa,} \\ 3 \text{ desimaalia} \end{array} \right]$$

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$$a) \overset{25}{\underset{1}{4}} = \frac{25}{100} = 0,25$$

tai

$$\begin{array}{r} 1 : 4 = 0,25 \\ 10 \\ - 8 \\ \hline 20 \\ - 20 \\ \hline 0 \end{array}$$

$$b) \frac{1}{3} = 1,333\dots (= 1,3\overline{3})$$

$$c) \underline{-2} \frac{2}{5} = \underline{-2},4$$

$$\overset{2}{\underset{2}{5}} = \frac{4}{10}$$

tai

$$\begin{array}{r} 2 : 5 = 0,4 \\ 20 \\ - 20 \\ \hline 0 \end{array}$$

$$d) -\overset{25}{\frac{3}{4}} = -\frac{75}{100} = -0,75$$

tai $3 : 4 = 0,75$

$$\begin{array}{r} 30 \\ -28 \\ \hline 20 \\ -20 \\ \hline 0 \end{array}$$

$$e) \frac{2}{10} = 0,2$$

$$f) \overset{2}{\frac{4}{5}} = \frac{8}{10} = 0,8$$

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Muunna murto- tai sekaluksi:
Supista!

$$a) 0,8 = \overset{2}{\frac{8}{10}} = \frac{4}{5}$$

$$b) 0,75 = \overset{5}{\frac{75}{100}} = \overset{5}{\frac{15}{20}} = \frac{3}{4}$$

$$c) 1,89 = 1 \frac{89}{100}$$

$$d) 3,125 = 3 \overset{25}{\frac{125}{1000}} = 3 \overset{5}{\frac{5}{40}} = 3 \frac{1}{8}$$

$$e) 6,6 = 6 \overset{2}{\frac{6}{10}} = 6 \frac{3}{5}$$

$$f) 0,26 = \overset{2}{\frac{26}{100}} = \frac{13}{50}$$

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