

Peruslaskuja

$$\text{Esim. } 3 + 5 \cdot (-4) = 3 - 20 = \underline{\underline{-17}}$$

$$\text{Esim. } 7(2 - 3) + 10 = 7 \cdot (-1) + 10 = -7 + 10 = \underline{\underline{3}}$$

Itseisarvo

$$\text{Esim. } |-9| = \underbrace{9}_{-(-9)} \text{ ja } |7| = 7$$

lueun a itseisarvo $|a| = \begin{cases} a, \text{ kun } a \geq 0 \\ -a, \text{ kun } a < 0 \end{cases}$

$$\begin{aligned} \text{Esim. } \underbrace{|1 - \sqrt{3}|}_{\approx -0,7 \dots < 0} &= -(1 - \sqrt{3}) = -1 + \sqrt{3} \\ &= \underline{\underline{\sqrt{3} - 1}} \\ &\quad \approx 0,7 \dots \end{aligned}$$

Murtolukukaaja

$$\text{Erim. } \overset{2}{\cancel{2}} \frac{2}{3} + \overset{3}{\cancel{5}} \frac{5}{2} = \frac{4}{6} + \frac{15}{6} = \frac{19}{6}$$

$$\text{Erim. } \overset{10}{\cancel{1}} \frac{1}{3} - \overset{6}{\cancel{2}} \frac{2}{5} + \overset{15}{\cancel{3}} \frac{3}{2} = \frac{10}{30} - \frac{12}{30} + \frac{45}{30} = \frac{43}{30}$$

$$\text{Erim. } \frac{5}{3} \cdot \frac{2}{7} = \frac{5 \cdot 2}{3 \cdot 7} = \frac{10}{21}$$

$$\text{Erim. } \frac{7}{3} : \frac{2}{5} = \frac{7}{3} \cdot \frac{5}{2} = \frac{35}{6} = 5 \frac{5}{6}$$

kerrotaan jakajan käänteisluvulla