

Potenssi

Esim. $\underbrace{3 \cdot 3 \cdot 3 \cdot 3 \cdot 3}_{5 \text{ kpl}} = 3^5 = 243$

Esim. $\underbrace{(-2) \cdot (-2) \cdot (-2) \cdot (-2)}_{4 \text{ kpl}} = (-2)^4 = \underline{\underline{16}}$

Vertaa: $-2^4 = \underline{\underline{-16}}$
on etumukki

Esim. $\left(-\frac{2}{3}\right)^3 = \left(-\frac{2}{3}\right) \cdot \left(-\frac{2}{3}\right) \cdot \left(-\frac{2}{3}\right) = -\frac{2 \cdot 2 \cdot 2}{3 \cdot 3 \cdot 3} = \underline{\underline{-\frac{8}{27}}}$

Kymmenen potenssit

Esim. $1 \underbrace{200\,000}_{1,2 \cdot 1000\,000} \text{ kg} = 1,2 \cdot 10^6 \text{ kg}$
 $\frac{1,2 \cdot 1000\,000}{10^6}$

$$\begin{aligned} 10^1 &= 10 \\ 10^2 &= 100 \\ 10^3 &= 1000 \\ 10^6 &= 1\,000\,000 \end{aligned}$$

Esim. $3,67 \cdot 10^4 \text{ m} = 3\,6700 \text{ m}$
 $3,67 \cdot 10000 = 3\,6700$

Laskinessa

230000000000000000

$2.3\text{E}+16 = 2,3 \cdot 10^{16}$