21 Reken om en vermeld de uitkomst in de wetenschappelijke notatie.

   a   0,0045 g   = ... mg

   b   456,0 L   = ... m^3

   c $6{,}24 \cdot 10^3$ m s^{-1} = ... km h^{-1}

   d   0,567 N cm^{-2} = ... N m^{-2}

Opgave 21

a 0,0045 g = $4{,}5 \cdot 10^{-3}$ g = 4,5 mg

b 456,0 L = 456,0 dm^3 = $456{,}0 \cdot 10^{-3}$ m^3 = $4{,}560 \cdot 10^{-1}$ m^3

c $6{,}24 \cdot 10^3$ m s^{-1} = $6{,}24 \cdot 10^3$ × 3,6 km h^{-1} = $2{,}246 \cdot 10^4$ km h^{-1}

   Afgerond: $2{,}25 \cdot 10^4$ km h^{-1}.

d 0,567 Ncm^{-2} = $\dfrac{0{,}567 \text{ N}}{1 \text{ cm}^2}$ = $\dfrac{0{,}567 \text{ N}}{1 \cdot 10^{-4} \text{ m}^2}$ = $0{,}567 \cdot 10^4 \dfrac{\text{N}}{\text{m}^2}$ = $5{,}67 \cdot 10^3$ Nm^{-2}