

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

- a 0,0045 g = mg
- b 456,0 L = m³
- c $6,24 \cdot 10^3 \text{ m s}^{-1}$ = km h⁻¹
- d $0,567 \text{ N cm}^{-2}$ = N m⁻²

Opgave 21

- a $0,0045 \text{ g} = 4,5 \cdot 10^{-3} \text{ g} = 4,5 \text{ mg}$
- b $456,0 \text{ L} = 456,0 \text{ dm}^3 = 456,0 \cdot 10^{-3} \text{ m}^3 = 4,560 \cdot 10^{-1} \text{ m}^3$
- c $6,24 \cdot 10^3 \text{ m s}^{-1} = 6,24 \cdot 10^3 \times 3,6 \text{ km h}^{-1} = 2,246 \cdot 10^4 \text{ km h}^{-1}$
Afgerond: $2,25 \cdot 10^4 \text{ km h}^{-1}$.
- d $0,567 \text{ N cm}^{-2} = \frac{0,567 \text{ N}}{1 \text{ cm}^2} = \frac{0,567 \text{ N}}{1 \cdot 10^{-4} \text{ m}^2} = 0,567 \cdot 10^4 \frac{\text{N}}{\text{m}^2} = 5,67 \cdot 10^3 \text{ N m}^{-2}$