

# CORRIGE

## Évaluation sur les conversions

Effectuer les conversions demandées :

$$5,36 \text{ daL} = 53,6 \text{ L} \\ = 53,6 \text{ dm}^3$$

$$5,36 \text{ daL} = 53,6 \cdot 10^6 \text{ mm}^3$$

Réponses

$$53\ 600\ 000 \text{ mm}^3$$

$$0,0861 \text{ cm}^3 = 861 \cdot 10^{-4} \text{ cm}^3 = 861 \cdot 10^{-4} \cdot 10^{-3} \text{ dm}^3 \\ = 861 \cdot 10^{-7} \text{ dm}^3 \\ = 861 \cdot 10^{-7} \text{ L} \\ = 861 \cdot 10^{-7} \times 10 \text{ dL}$$

$$0,0861 \text{ cm}^3 = 861 \cdot 10^{-6} \text{ dL}$$

$$0,000\ 861 \text{ dL}$$

$$47,5 \text{ mg} = 47,5 \cdot 10^{-3} \text{ g}$$

$$0,047\ 5 \text{ g}$$

$$25,0364 \text{ m} = 25,0364 \cdot 10^{-3} \text{ km}$$

$$0,025\ 036\ 4 \text{ km}$$

$$0,5 \text{ dag} = 5 \cdot 10^{-1} \text{ dag}$$

$$0,5 \text{ dag} = 5 \text{ g}$$

$$0,5 \text{ dag} = 5 \cdot 10^2 \text{ cg}$$

$$500 \text{ cg}$$

$$70,1 \text{ dm}^3 = 70,1 \text{ L} \\ = 701 \times 10^{-1} \text{ L} \\ = 701 \times 10^{-1} \times 10^{-2} \text{ hL}$$

$$70,1 \text{ dm}^3 = 701 \times 10^{-3} \text{ hL}$$

$$0,701 \text{ hL}$$

$$0,0098 \text{ cm}^3 = 98 \cdot 10^{-4} \text{ cm}^3 \\ = 98 \cdot 10^{-4} \times 10^{-3} \text{ dm}^3 \\ = 98 \cdot 10^{-4} \times 10^{-3} \text{ L} \\ = 98 \cdot 10^{-7} \times 10^2 \text{ cL}$$

$$0,0098 \text{ cm}^3 = 98 \cdot 10^{-5} \text{ cL}$$

$$0,000\ 98 \text{ cL}$$

$$48,44 \text{ hm} = 4844 \cdot 10^{-2} \text{ hm} \\ = 4844 \cdot 10^{-2} \times 10^2 \text{ m} \\ = 4844 \cdot 10^0 \times 10^3 \text{ mm}$$

$$48,44 \text{ hm} = 4844 \cdot 10^3 \text{ mm}$$

**4 844 000 mm**

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$$\begin{aligned} 25,4 \text{ cm}^2 &= 254 \cdot 10^{-1} \text{ cm}^2 \\ &= 254 \cdot 10^{-1} \times 10^{-4} \text{ m}^2 \\ &= 254 \cdot 10^{-5} \text{ m}^2 \\ &= 254 \cdot 10^{-5} \times 10^{-2} \text{ dam}^2 \end{aligned}$$

$$25,4 \text{ cm}^2 = 254 \cdot 10^{-7} \text{ m}^2$$

**0,000 025 4 dam<sup>2</sup>**

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$$\begin{aligned} 0,56 \text{ m}^2 &= 56 \cdot 10^{-2} \text{ m}^2 \\ &= 56 \cdot 10^{-2} \times 10^6 \text{ mm}^2 \end{aligned}$$

$$0,56 \text{ m}^2 = 56 \cdot 10^4 \text{ mm}^2$$

**560 000 mm<sup>2</sup>**

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