

Problema 129: Realiza los siguientes cambios de unidades:

a) 750 mL (a dm^3) =

$$750 \text{ mL} = 750 \text{ mL} \cdot \frac{1 \text{ L}}{10^3 \text{ mL}} \cdot \frac{1 \text{ dm}^3}{1 \text{ L}} = \underline{\underline{0,75 \text{ dm}^3}}$$

b) 425 cm^3 (a L) =

$$425 \text{ cm}^3 = 425 \text{ cm}^3 \cdot \frac{1 \text{ dm}^3}{10^3 \text{ cm}^3} \cdot \frac{1 \text{ L}}{1 \text{ dm}^3} = \underline{\underline{0,425 \text{ L}}}$$

c) 5000 kL (a dam^3) =

$$5000 \text{ kL} = 5000 \text{ kL} \cdot \frac{1 \text{ m}^3}{1 \text{ kL}} \cdot \frac{1 \text{ dam}^3}{10^3 \text{ m}^3} = \underline{\underline{5 \text{ dam}^3}}$$

d) 2500 m^3 (a L) =

$$2500 \text{ m}^3 = 2500 \text{ m}^3 \cdot \frac{10^3 \text{ dm}^3}{1 \text{ m}^3} \cdot \frac{1 \text{ L}}{1 \text{ dm}^3} = 2500 \cdot 10^3 \text{ L} = \underline{\underline{2,5 \cdot 10^6 \text{ L}}}$$