

Problema 0121: Realiza os seguintes cambios de unidades:

a) 350 mL (a dm^3) =

$$350 \text{ mL} = 350 \text{ mL} \cdot \frac{1 \text{ L}}{10^3 \text{ mL}} \cdot \frac{1 \text{ dm}^3}{1 \text{ L}} = \underline{0,350 \text{ dm}^3}$$

b) 825 cm^3 (a L) =

$$825 \text{ cm}^3 = 825 \text{ cm}^3 \cdot \frac{1 \text{ dm}^3}{10^3 \text{ cm}^3} \cdot \frac{1 \text{ L}}{1 \text{ dm}^3} = \underline{0,825 \text{ L}}$$

c) 5300 kL (a hm^3) =

$$5300 \text{ kL} = 5300 \text{ kL} \cdot \frac{1 \text{ m}^3}{1 \text{ kL}} \cdot \frac{1 \text{ hm}^3}{10^6 \text{ m}^3} = \underline{0,0053 \text{ hm}^3}$$

d) 2,500 m^3 (a L) =

$$2,500 \text{ m}^3 = 2,500 \text{ m}^3 \cdot \frac{10^3 \text{ dm}^3}{1 \text{ m}^3} \cdot \frac{1 \text{ L}}{1 \text{ dm}^3} = \underline{2,500 \cdot 10^3 \text{ L}}$$