Convert 27.2 mL into L.

$$1 \text{ mL} = 1 \times 10^{-3} \text{ L}.$$

$$1 = 1 \times 10^{-3} \text{ L} = 1 \times 10^{-3} \text{ L mL}^{-1}$$

27-2 mL x
$$1 \times 10^{-3}$$
 LmL⁻¹ 27-2 $\times 10^{-3}$ L.

Convert 27.2 cm³ to dm³

$$| cm = | x | 0^{-2} m.$$

$$| cm = (|x|0^{-2})^3 m^3 = |x|0^{-6} m^3.$$

$$\Rightarrow 1 = 1 \times 10^{-6} \text{ m}^3 \text{ cm}^{-3}$$

$$1 = 1 \times 10^{-3} \text{ m}^3 \text{ dm}^{-3}$$

$$0/2$$
 $1 = \frac{1 \times 10^{-3} \text{ m/s} \text{ cm}^{-3}}{1 \times 10^{-5} \text{ m/s} \text{ dm}^{-3}} = 1 \times 10^{-3} \text{ dm}^3 \text{ cm}^{-3}$

 $27.2 \text{ cm}^3 \times 1 \times 10^{-3} \text{ dm}^3 \text{ cm}^{-3} = 27.2 \times 10^{-3} \text{ dm}^3$.