

Problema 132: Realiza os seguintes cambios de unidades:

a) 15 m^3 (a hm^3) =

b) 5000 cm^3 (a m^3) =

c) 60 m^3 (a dm^3) =

d) 4000000 m^3 (a km^3) =

a) 15 m^3 (a hm^3) =

$$15 \text{ m}^3 = 15 \text{ m}^3 \cdot \frac{1 \text{ dam}^3}{1000 \text{ m}^3} \cdot \frac{1 \text{ hm}^3}{1000 \text{ dam}^3} = \underline{0,000015 \text{ hm}^3}$$

b) 5000 cm^3 (a m^3) =

$$5000 \text{ cm}^3 = 5000 \text{ cm}^3 \cdot \frac{1 \text{ dm}^3}{1000 \text{ cm}^3} \cdot \frac{1 \text{ m}^3}{1000 \text{ dm}^3} = \underline{0,005 \text{ m}^3}$$

c) 60 m^3 (a dm^3) =

$$60 \text{ m}^3 = 60 \text{ m}^3 \cdot \frac{1000 \text{ dm}^3}{1 \text{ m}^3} = \underline{60000 \text{ dm}^3}$$

d) 4000000 m^3 (a km^3) =

$$4000000 \text{ m}^3 = 4000000 \text{ m}^3 \cdot \frac{1 \text{ dam}^3}{1000 \text{ m}^3} \cdot \frac{1 \text{ hm}^3}{1000 \text{ dam}^3} \cdot \frac{1 \text{ km}^3}{1000 \text{ hm}^3} = \underline{0,004 \text{ km}^3}$$