

Convert 4,720,000 kL to km³

- 1) Recall the fact that $1 \text{ mL} = 1 \text{ cm}^3$.
- 2) Convert your input into the units of our basic fact (i.e. kL to mL).

$$4.72 \times 10^6 \text{ kL} = 4.72 \times 10^{12} \text{ mL}$$

- 3) Rewrite the original problem:

Convert $4.72 \times 10^{12} \text{ mL}$ to km^3

- 4) Simply replace mL with cm^3 .

Convert $4.72 \times 10^{12} \text{ cm}^3$ to km^3

- 5) Now, solve like normal.

$$(-2 - 3) \times 3 + 12 = -3$$

$$\mathbf{4.72 \times 10^{-3} \text{ km}^3}$$

Convert 364 Gm³ to nL

- 1) Recall the fact that 1 mL = 1 cm³.
- 2) Convert your input into the units of our basic fact (i.e. Gm³ to cm³).

$$(9 + 2) \times 3 + 2 = 35$$

$$3.64 \times 10^2 \text{ Gm}^3 = 3.64 \times 10^{35} \text{ cm}^3$$

- 3) Rewrite the original problem:

Convert $3.64 \times 10^{35} \text{ cm}^3$ to nL

- 4) Simply replace cm³ with mL.

Convert $3.64 \times 10^{35} \text{ mL}$ to nL

- 5) Now, solve like normal.

$$(-3 + 9) \times 1 + 35 = 41$$

$$\mathbf{3.64 \times 10^{41} \text{ nL}}$$