



Conversion de volume

Correction

Exercice n°1 : Compléter les cases manquantes du tableau de conversion ci-dessous et convertir les nombres.

km ³	hm ³	dam ³	m ³	dm ³				cm ³			mm ³	
				kL	hL	daL	L	dL	cL	mL		
			2 4,		2	1	2					24,212 m ³ = 24 212 dm ³
	7,	3 5 1										7351 dam ³ = 7,351 hm ³
			0,		0	9	7					97 dm ³ = 0,097 m ³
X	X	X	X	1 8 0	0 0 0							0,00018 km ³ = 180 000 m ³
										3	5 0 0	3,5 cm ³ = 3 500 mm ³
								7 2 8				728 mL = 728 cm ³
			6	3	4	0						6,34 m ³ = 6 340 L
					1 0 0			8	0 0			1 008 dL = 100 800 cm ³
							3	2 0 0 0	0 0 0			3,2dm ³ = 3 200 000 mm ³
			0,	0 0 0 0	0 0 0 0			0 2				0,02dm ³ = 0,00000002 dam ³
								3,	1 3			313 cm ³ = 3,13 dL
				X	1 5 0			0 0				0,15 m ³ = 15 000 cl
	0,	0 0 0 0	0 0 0 0			6						6 hl = 0,000 0006 hm ³
X	5 4											0,547 km ³ = 547 hm ³
								1 2,	6 0 0			12 600 mm ³ = 12,6 cm ³

Exercice n°2 : Convertir les volumes suivants.

0,064 mm ³ = 0,000 064 cm ³	1 daL = 10 dm ³
30,5 dm ³ = 30 500 000 mm ³	0,51 m ³ = 510 L
5,8 hm ³ = 5 800 000 000 dm ³	714,8 mm ³ = 0,000 000 714 8 m ³
83 m ³ = 83 000 000 cm ³	3,63 hm ³ = 3 630 dam ³

$39,58 \text{ km}^3 = 39\,580 \text{ hm}^3$	$4,012 \text{ mm}^3 = 0,004\,012 \text{ cm}^3$
$0,697 \text{ dam}^3 = 0,000\,000\,697 \text{ km}^3$	$88 \text{ mm}^3 = 0,000\,000\,88 \text{ hL}$
$5,93 \text{ cm}^3 = 0,059\,3 \text{ dL}$	$0,3 \text{ m}^3 = 300\,000 \text{ mL}$
$24,3 \text{ daL} = 243 \text{ dm}^3$	$8,06 \text{ cm}^3 = 0,000\,000\,008\,06 \text{ dam}^3$
$680,542 \text{ m}^3 = 0,000\,000\,680\,542 \text{ km}^3$	$186,6 \text{ m}^3 = 1\,866 \text{ hL}$
$4,37 \text{ km}^3 = 4\,370\,000 \text{ dam}^3$	$1,57 \text{ cm}^3 = 0,001\,57 \text{ dm}^3$