



Conversion de volume

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

							$24,212 \text{ m}^3 =$ dm^3
							$7351 \text{ dam}^3 =$ hm^3
							$97 \text{ dm}^3 =$ m^3
							$0,00018 \text{ km}^3 =$ m^3
							$3,5 \text{ cm}^3 =$ mm^3
							$728 \text{ mL} =$ cm^3
							$6,34 \text{ m}^3 =$ L
							$1\ 008 \text{ dL} =$ cm^3
							$3,2 \text{ dm}^3 =$ mm^3
							$0,02 \text{ dm}^3 =$ dam^3
							$313 \text{ cm}^3 =$ dL
							$0,15 \text{ m}^3 =$ cL
							$6 \text{ hL} =$ l
							$0,547 \text{ km}^3 =$ hm^3
							$12\ 600 \text{ mm}^3 =$ cm^3

Exercice n°2 : Convertir les volumes suivants.

$0,064 \text{ mm}^3 =$ cm^3	$1 \text{ daL} =$ dm^3
$30,5 \text{ dm}^3 =$ mm^3	$0,51 \text{ m}^3 =$ L
$5,8 \text{ hm}^3 =$ dm^3	$714,8 \text{ mm}^3 =$ m^3
$83 \text{ m}^3 =$ cm^3	$3,63 \text{ hm}^3 =$ dam^3
$39,58 \text{ km}^3 =$ hm^3	$4,012 \text{ mm}^3 =$ cm^3
$0,697 \text{ dam}^3 =$ km^3	$88 \text{ mm}^3 =$ hL
$5,93 \text{ cm}^3 =$ dL	$0,3 \text{ m}^3 =$ mL
$24,3 \text{ daL} =$ dm^3	$8,06 \text{ cm}^3 =$ dam^3
$680,542 \text{ m}^3 =$ km^3	$186,6 \text{ m}^3 =$ hL
$4,37 \text{ km}^3 =$ dam^3	$1,57 \text{ cm}^3 =$ dm^3



Correction

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

$\bar{k}m^3$	$\bar{h}m^3$	$\bar{d}am^3$	m^3	$\bar{d}m^3$			cm^3			mm^3	
			$\bar{k}L$	$\bar{h}L$	$\bar{d}aL$	L	dL	cL	mL		
			2 4,	2	1	2					$24,212 m^3 = 24\,212 \bar{d}m^3$
	7,	3 5 1									$7351 \bar{d}am^3 = 7,351 \bar{h}m^3$
			0,	0	9	7					$97 \bar{d}m^3 = 0,097 m^3$
X	X	X	X	1	8	0	0	0	0		$0,00018 \bar{k}m^3 = 180\,000 m^3$
								3	5	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	$3,2\bar{d}m^3 = 3\,200\,000 mm^3$
			0,	0	0	0	0	2			$0,02\bar{d}m^3 = 0,00000002 \bar{d}am^3$
							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	6				$6\bar{h}L = 0,000\,0006 l$
X	5	4	7								$0,547 \bar{k}m^3 = 547 \bar{h}m^3$
							1	2,	6	0	$12\,600 mm^3 = 12,6 cm^3$

Exercice n°2 : Convertir les volumes suivants.

$0,064 \text{ mm}^3 = 0,000\,064 \text{ cm}^3$	$1 \text{ daL} = 10 \text{ dm}^3$
$30,5 \text{ dm}^3 = 30\,500\,000 \text{ mm}^3$	$0,51 \text{ m}^3 = 510 \text{ L}$

$5,8 \text{ hm}^3 = 5\,800\,000\,000 \text{ dm}^3$	$714,8 \text{ mm}^3 = 0,000\,000\,714\,8 \text{ m}^3$
$83 \text{ m}^3 = 83\,000\,000 \text{ cm}^3$	$3,63 \text{ hm}^3 = 3\,630 \text{ dam}^3$
$39,58 \text{ km}^3 = 39\,580 \text{ hm}^3$	$4,012 \text{ mm}^3 = 0,004\,012 \text{ cm}^3$
$0,697 \text{ dam}^3 = 0,000\,000\,697 \text{ km}^3$	$88 \text{ mm}^3 = 0,000\,000\,88 \text{ hL}$
$5,93 \text{ cm}^3 = 0,059\,3 \text{ dL}$	$0,3 \text{ m}^3 = 300\,000 \text{ mL}$
$24,3 \text{ daL} = 243 \text{ dm}^3$	$8,06 \text{ cm}^3 = 0,000\,000\,008\,06 \text{ dam}^3$
$680,542 \text{ m}^3 = 0,000\,000\,680\,542 \text{ km}^3$	$186,6 \text{ m}^3 = 1\,866 \text{ hL}$
$4,37 \text{ km}^3 = 4\,370\,000 \text{ dam}^3$	$1,57 \text{ cm}^3 = 0,001\,57 \text{ dm}^3$