

Mathématiques niveau CFG

Chapitre 5 : Conversions

COURS 5 : CONVERSION DES UNITES DE MESURE DES VOLUMES

EXERCICES

Exercice 1.

Convertir en dm^3 .

$59\,487\text{ mm}^3 =$	$0,059\,487\text{ dm}^3$	$4\,900\,000\text{ mm}^3 =$	$4,9\text{ dm}^3$
$25,323\text{ m}^3 =$	$25\,323\text{ dm}^3$	$0,984\text{ m}^3 =$	984 dm^3

Exercice 2.

Convertir en m^3 .

$59\,487\text{ mm}^3 =$	$0,000059\,487\text{ m}^3$	$4,9\text{ km}^3 =$	$4\,900\,000\,000\text{ m}^3$
$25,323\text{ hm}^3 =$	$25\,323\,000\text{ m}^3$	$0,984\text{ dm}^3 =$	$0,000\,984\text{ m}^3$
$7\,354\text{ dm}^3 =$	$7,354\text{ m}^3$	$97\text{ dm}^3 =$	$0,097\text{ m}^3$
$3\,768\text{ cm}^3 =$	$0,003768\text{ m}^3$	$135\text{ dm}^3 =$	$0,135\text{ m}^3$

Exercice 3.

Compléter.

1 litre	=	100 cl	3 ml	=	0,3 cl
1 litre	=	1 000 ml	25 ml	=	0,25 l

Exercice 4.

Convertir en litres.

25 dm^3	=	25 L	3 ml	=	0,003 L
$4\,000\text{ cm}^3$	=	4 L	250 ml	=	0,25 L
5 m^3	=	5 000 L	$3,5\text{ m}^3$	=	3 500 L

Exercice 5.

Convertir.

$7\,200\text{ cm}^3$	=	$7,2\text{ dm}^3$	0,72 hl	=	$0,072\text{ m}^3$
5 cm^3	=	$0,005\text{ dm}^3$	29 hl	=	$2,9\text{ m}^3$
376 l	=	376 dm^3	50 dal	=	$0,5\text{ m}^3$
145 hl	=	$14\,500\text{ dm}^3$	250 ml	=	$0,00025\text{ m}^3$