



Conversion d'unités d'aire

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

								$62,159 \text{ m}^2 = \dots \text{ dm}^2$
								$46,5 \text{ hm}^2 = \dots \text{ dam}^2$
								$9,5 \text{ dm}^2 = \dots \text{ m}^2$
								$47 \text{ hm}^2 = \dots \text{ m}^2$
								$12 \text{ mm}^2 = \dots \text{ dm}^2$
								$7 \text{ cm}^2 = \dots \text{ dm}^2$
								$0,03 \text{ cm}^2 = \dots \text{ m}^2$
								$3,741 \text{ dam}^2 = \dots \text{ dm}^2$
								$125 \text{ mm}^2 = \dots \text{ cm}^2$
								$2,5 \text{ km}^2 = \dots \text{ m}^2$
								$0,15 \text{ km}^2 = \dots \text{ hm}^2$
								$0,000257 \text{ hm}^2$ $= \dots \text{ m}^2$
								$1 \text{ mm}^2 = \dots \text{ dm}^2$
								$97 \text{ m}^2 = \dots \text{ mm}^2$
								$631,2 \text{ dam}^2 = \dots \text{ m}^2$

Exercice n°2 : Convertir les aires suivantes.

$1 \text{ dam}^2 = \dots \text{ mm}^2$	$30,84 \text{ mm}^2 = \dots \text{ dam}^2$
$0,4 \text{ dam}^2 = \dots \text{ m}^2$	$703,76 \text{ m}^2 = \dots \text{ km}^2$
$860,27 \text{ dam}^2 = \dots \text{ ha}$	$55 \text{ mm}^2 = \dots \text{ hm}^2$
$840,705 \text{ hm}^2 = \dots \text{ km}^2$	$495 \text{ dam}^2 = \dots \text{ a}$
$0,254 \text{ hm}^2 = \dots \text{ dam}^2$	$443 \text{ m}^2 = \dots \text{ dam}^2$
$3 \text{ cm}^2 = \dots \text{ m}^2$	$6 \text{ mm}^2 = \dots \text{ dm}^2$
$0,27 \text{ hm}^2 = \dots \text{ dm}^2$	$0,113 \text{ dm}^2 = \dots \text{ ha}$
$92 \text{ m}^2 = \dots \text{ cm}^2$	$3,83 \text{ dam}^2 = \dots \text{ m}^2$
$7,59 \text{ km}^2 = \dots \text{ cm}^2$	$0,81 \text{ mm}^2 = \dots \text{ dm}^2$
$6,37 \text{ m}^2 = \dots \text{ mm}^2$	$533,4 \text{ dam}^2 = \dots \text{ m}^2$



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Correction

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

km ²	hm ² <i>ha</i>	dam ² <i>a</i>	m ²	dm ²	cm ²	mm ²	
			6 2	1 5,	9		62,159 m ² = 6215,9 dm ²
	4 6	5 0					46,5 hm ² = 4650 dam ²
			0,	0 9	5		9,5 dm ² = 0,095 m ²
	4 7	0 0	0 0				47 hm ² = 470 000 m ²
				0,	0 0	1 2	12 mm ² = 0,0012 dm ²
				0,	0 7		7 cm ² = 0,07 dm ²
			0,	0 0	0 0	0 3	0,03 cm ² = 0,000003 m ²
		3	7 4	1 0			3,741 dam ² = 37 410 dm ²
					1,	2 5	125 mm ² = 1,25 cm ²
2	5 0	0 0	0 0				2,5 km ² = 2 500 000 m ²
1	1 5						0,15 km ² = 15 hm ²
	1	5	0	0 2	5 7		0,000257 hm ² = 2,57 m ²
				0,	0 0	0 1	1 mm ² = 0,0001 dm ²
			9 7	0 0	0 0	0 0	97 m ² = 97 000 000 mm ²
		6	3 1	2 0			631,2 dam ² = 63 120 m ²

Exercice n°2 : Convertir les aires suivantes.

1 dam ² = 100 000 000 mm ²	30,84 mm ² = 0,000 000 308 4 dam ²
0,4 dam ² = 40 m ²	703,76 m ² = 0,000 703 76 km ²
860,27 dam ² = 8,602 7 ha	55 mm ² = 0,000 000 005 5 hm ²

$840,705 \text{ hm}^2 = 8,407 \text{ 05 km}^2$	$495 \text{ dam}^2 = 495 \text{ a}$
$0,254 \text{ hm}^2 = 25,4 \text{ dam}^2$	$443 \text{ m}^2 = 4,43 \text{ dam}^2$
$3 \text{ cm}^2 = 0,000 \text{ 3 m}^2$	$6 \text{ mm}^2 = 0,000 \text{ 6 dm}^2$
$0,27 \text{ hm}^2 = 270 \text{ 000 dm}^2$	$0,113 \text{ dm}^2 = 0,000 \text{ 000 113 ha}$
$92 \text{ m}^2 = 920 \text{ 000 cm}^2$	$3,83 \text{ dam}^2 = 383 \text{ m}^2$
$7,59 \text{ km}^2 = 75 \text{ 900 000 000 cm}^2$	$0,81 \text{ mm}^2 = 0,000 \text{ 081 dm}^2$
$6,37 \text{ m}^2 = 6 \text{ 370 000 mm}^2$	$533,4 \text{ dam}^2 = 53 \text{ 340 m}^2$