

## Les unités de mesures d'aires

1) Une figure ayant une aire de  $1 \text{ cm}^2$  est une figure qui a une aire identique à celle d'un carré de  $1 \text{ cm}$  de côté.

2) Plaçons les mesures suivantes dans le tableau :

$34 \text{ m}^2$

$5\,620 \text{ cm}^2$

$13 \text{ dm}^2\ 4 \text{ cm}^2$

$9 \text{ hm}^2\ 132 \text{ m}^2$

$4\,786 \text{ m}^2$

LES UNITÉS DE MESURES D'AIRES OU DE SURFACE													
$\text{km}^2$		$\text{hm}^2$		$\text{dam}^2$		$\text{m}^2$		$\text{dm}^2$		$\text{cm}^2$		$\text{mm}^2$	
						3	4						
								5	6	2	0		
								1	3	0	4		
			9		1	3	2						
				4	7	8	6						

Donc  $1 \text{ km}^2 = 100 \text{ hm}^2 = 100 \text{ ha}$  (hectares)

$1 \text{ hm}^2 = 1 \text{ ha}$  (hectare) =  $100 \text{ dam}^2 = 10\,000 \text{ m}^2$

$1 \text{ dam}^2 = 100 \text{ m}^2$

$1 \text{ m}^2 = 100 \text{ dm}^2$

$1 \text{ dm}^2 = 100 \text{ cm}^2$

$1 \text{ cm}^2 = 100 \text{ mm}^2$



**Complète :**

$41 \text{ hm}^2 = \underline{\hspace{2cm}} \text{ m}^2$        $340\,000 \text{ dm}^2 = \underline{\hspace{2cm}} \text{ dam}^2$

$5\,000\,000 \text{ cm}^2 = \underline{\hspace{2cm}} \text{ dam}^2$        $6 \text{ cm}^2 = \underline{\hspace{2cm}} \text{ mm}^2$

$70 \text{ dm}^2 \ 45 \text{ cm}^2 = \underline{\hspace{2cm}} \text{ mm}^2$        $740 \text{ dm}^2 = \underline{\hspace{2cm}} \text{ mm}^2$

$5 \text{ dam}^2 \ 6 \text{ m}^2 = \underline{\hspace{2cm}} \text{ dm}^2$        $90\,000 \text{ dam}^2 = \underline{\hspace{2cm}} \text{ hm}^2$

$70\,800 \text{ dam}^2 = \underline{\hspace{1cm}} \text{ km}^2 \ \underline{\hspace{1cm}} \text{ hm}^2$        $5 \text{ m}^2 \ 4 \text{ dm}^2 \ 3 \text{ cm}^2 = \underline{\hspace{2cm}} \text{ cm}^2$

**Complète :**

$41 \text{ hm}^2 = \underline{410\,000} \text{ m}^2$        $340\,000 \text{ dm}^2 = \underline{34} \text{ dam}^2$

$5\,000\,000 \text{ cm}^2 = \underline{5} \text{ dam}^2$        $6 \text{ cm}^2 = \underline{600} \text{ mm}^2$

$70 \text{ dm}^2 \ 45 \text{ cm}^2 = \underline{704\,500} \text{ mm}^2$        $740 \text{ dm}^2 = \underline{740000} \text{ mm}^2$

$5 \text{ dam}^2 \ 6 \text{ m}^2 = \underline{50\,600} \text{ dm}^2$        $90\,000 \text{ dam}^2 = \underline{900} \text{ hm}^2$

$70\,800 \text{ dam}^2 = \underline{7} \text{ km}^2 \ \underline{8} \text{ hm}^2$        $5 \text{ m}^2 \ 4 \text{ dm}^2 \ 3 \text{ cm}^2 = \underline{50\,403} \text{ cm}^2$