

Nom :

Classe :

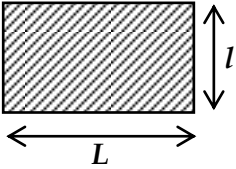
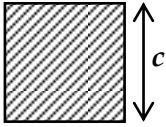
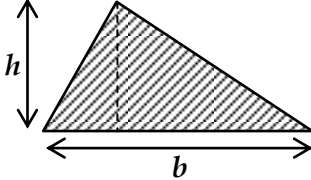
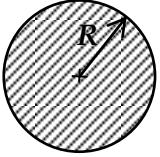
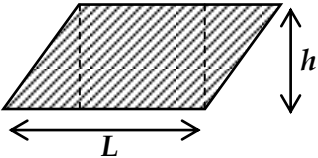
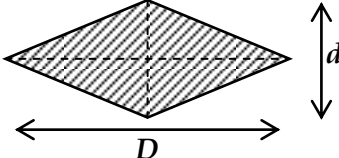
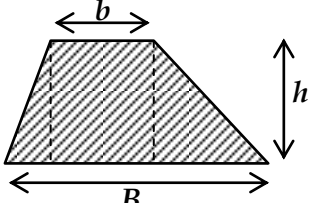
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Consolidation des acquis – Accompagnement personnalisé

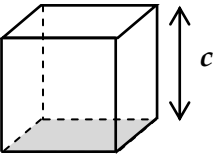
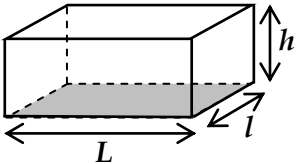
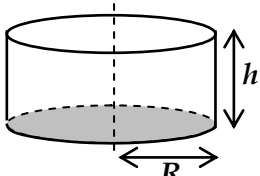
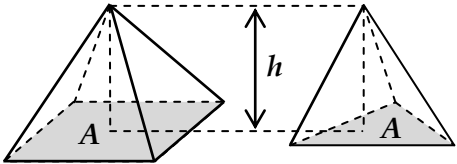
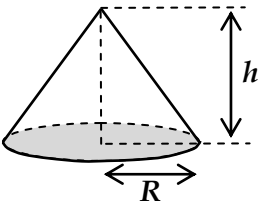
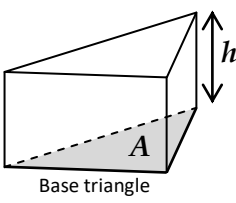
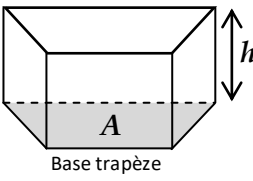
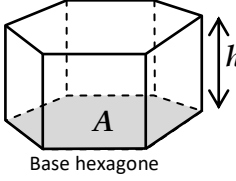
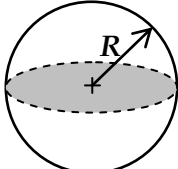
Fiche AP8

Calculer des aires, des volumes


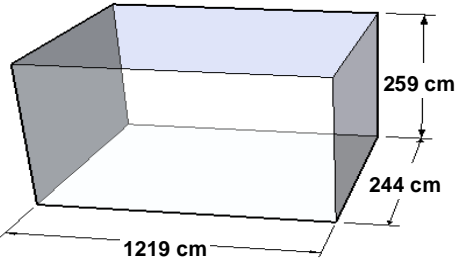

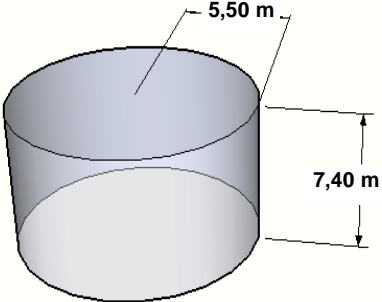

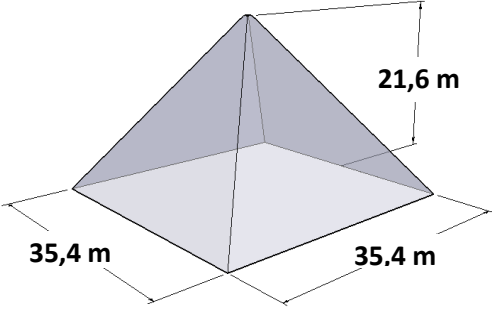

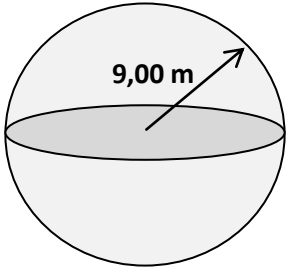

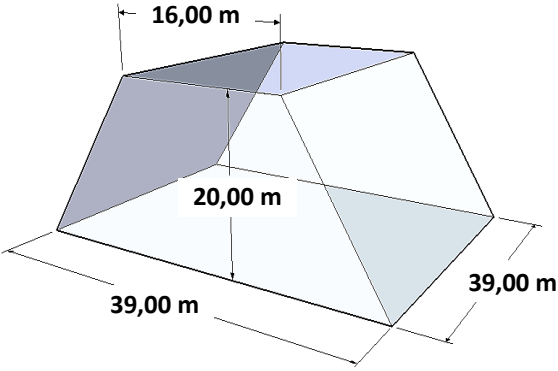

Les figures planes usuelles et leur aire

Rectangle	Carré	Triangle	Disque
			
$A = L \times l$	$A = c^2$	$A = \frac{b \times h}{2}$	$A = \pi \times r^2$
Parallélogramme		Losange	Trapèze
			
$A = b \times h$		$A = \frac{D \times d}{2}$	$A = \frac{h \times (B + b)}{2}$

Les solides usuels et leur volume

Cube	Parallélépipède	Cylindre	Pyramide	
				
$V = c^3$	$V = L \times l \times h$	$V = \pi \times R^2 \times h$	$V = \frac{A_{base} \times h}{3}$	
Cône	Prismes			Sphère
	 <p style="text-align: center; font-size: small;">Base triangle</p>	 <p style="text-align: center; font-size: small;">Base trapèze</p>	 <p style="text-align: center; font-size: small;">Base hexagone</p>	
$V = \frac{\pi \times R^2 \times h}{3}$	$V = A_{base} \times h$			$V = \frac{4 \times \pi \times R^3}{3}$

Donner le nom des solides suivants et calculer, en m^3 , leur volume V .

Le container	La cuve à éthanol	
 	 	
La pyramide du Louvre	La sphère de l'Atomium	
 	 	
L'oeuvre en bidons de l'artiste Christo		
 	<th data-bbox="997 1108 1509 1160">Tas de sel</th> 	Tas de sel
La maison	