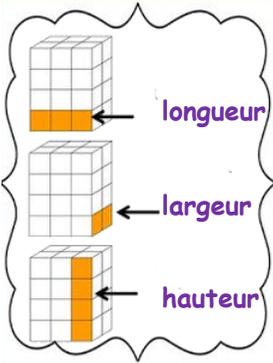
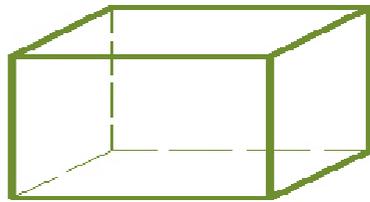


volume

C'est la place occupée par le solide dans l'espace.

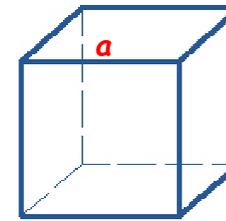


pavé droit



volume = Longueur × largeur × hauteur

Cube



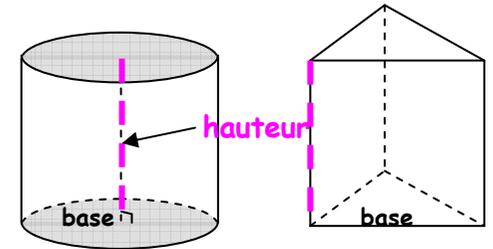
volume = a × a × a

rappel

Aire du disque
Rayon
Aire = $\pi \times R \times R$



Cylindre - prisme droit



volume = aire de base × hauteur

Unités de volume

Unités de contenance



1 L = 1 dm³

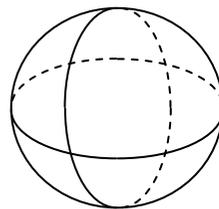
m ³	dm ³	cm ³	mm ³
		L	
2	0	0	0
			5

Exemples:

2 m³ = 2 000 dm³ = 2 000 L

5 mL = 0,005 L = 0,005 dm³ = 5 cm³

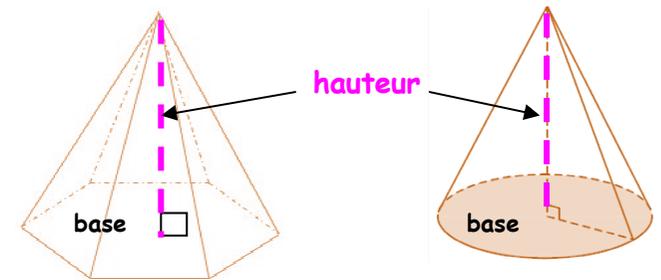
Sphère -Boule



volume boule = $\frac{4}{3} \times \pi \times r^3$

Surface Sphère = $4 \times \pi \times r^2$

Pyramide - cône



volume = $\frac{\text{aire de base} \times \text{hauteur}}{3}$

