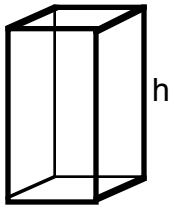
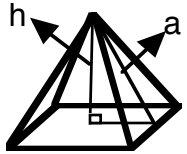
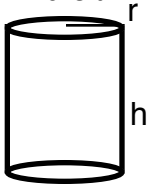
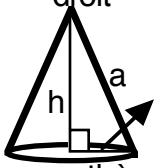
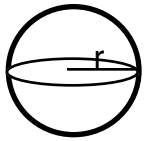
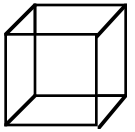
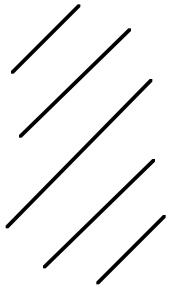
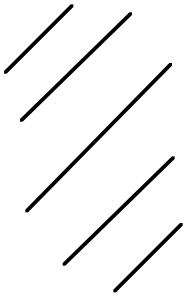
Formules d'aire et du volume des solides

	Prisme droit	Pyramide réguliere droite	Cylindre circulaire droit	Cône circulaire droit	Boule (sphère)	Cube
	 h: hauteur	 a: apothème h: hauteur	 r: rayon h: hauteur	 a: apothème h: hauteur r: rayon	 r : rayon	 c: côté
Aire latérale AL	***Péri. base x h***	***$\frac{\text{Péri. base x a}}{2}$***	*Circ. x h* ***= 2 π r • h***	*$\frac{\text{Circ. x a}}{2}$* ***= π r a***		
Aire totale AT	***AL + 2•AB***	***AL + AB***	*AL + 2•AB* ***= 2 π r h + 2 π r²***	*AL + AB* ***= π r a + π r²***	***4 π r²***	***6 c²***
Volume V	***AB x h***	***$\frac{\text{AB x h}}{3}$***	*AB x h* ***= π r² • h***	*$\frac{\text{AB x h}}{3}$* ***= $\frac{\text{π r² • h}}{3}$***	***$\frac{4 \text{ π r}^3}{3}$***	***c³***