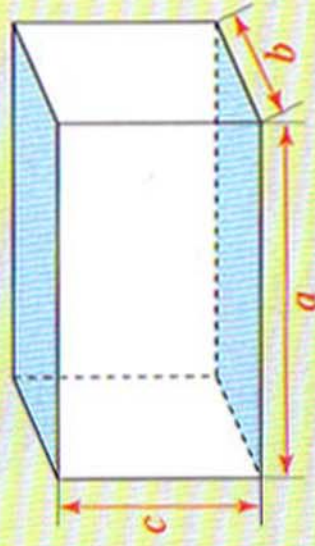


VOLUMES & AIRES DES SOLIDES USUELS

A : aire latérale B : aire de la base h : hauteur a : apothème
 V : volume p : périmètre de la base R : rayon de la base

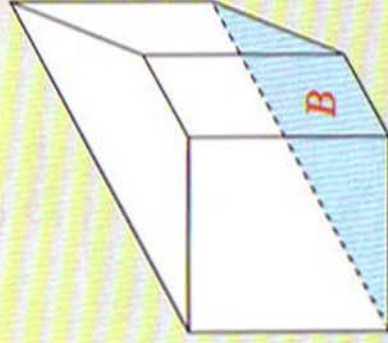
PARALLÉLÉPIPÈDE RECTANGLE



$$A = 2(a + b)c$$

$$V = abc$$

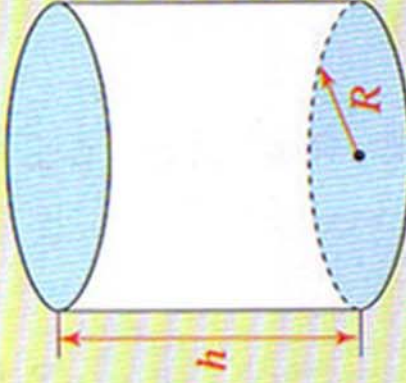
PRISME DROIT



$$A = ph$$

$$V = Bh$$

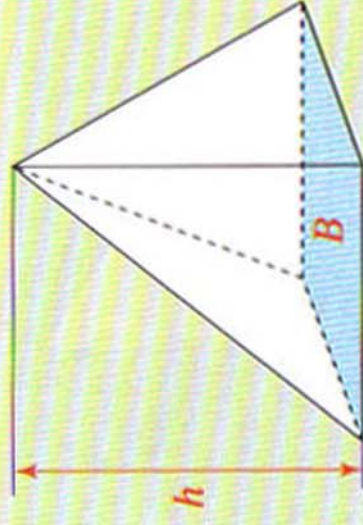
CYLINDRE



$$A = 2\pi Rh$$

$$V = \pi R^2 h$$

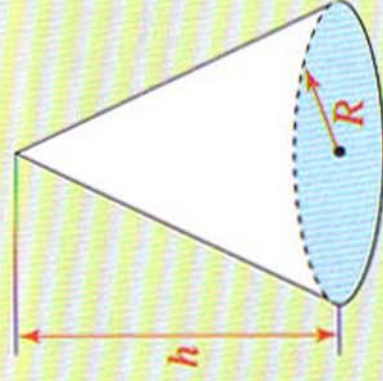
PYRAMIDE RÉGULIÈRE



$$A = \frac{1}{2} pa$$

$$V = \frac{1}{3} Bh$$

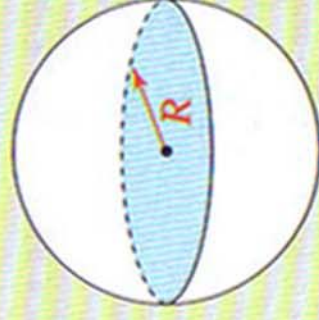
CÔNE DE RÉVOLUTION



$$A = \pi Ra$$

$$V = \frac{1}{3} \pi R^2 h$$

SPHÈRE - BOULE



$$A = 4\pi R^2$$

$$V = \frac{4}{3} \pi R^3$$