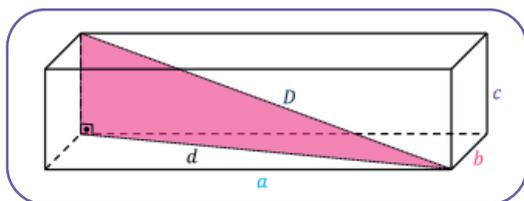


MAPA MENTAL

PARALELEPÍPEDO E CUBO

PARALELEPÍPEDO

Prisma cuja bases são paralelogramos.



Áreas

$$A_l = 2c \cdot (a + b)$$
$$A_t = 2(a \cdot b + a \cdot c + b \cdot c)$$

Volume

$$V = a \cdot b \cdot c$$

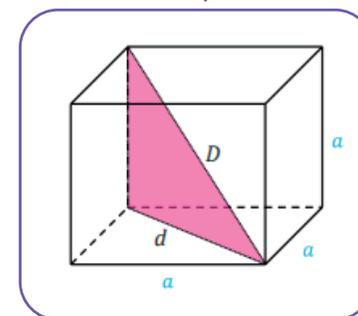
Diagonais

$$d = \sqrt{a^2 + b^2}$$
$$D = \sqrt{a^2 + b^2 + c^2}$$

$$a + b + c = \sqrt{D^2 + A_t}$$

CUBO

Paralelepípedo que possui faces quadradas.



Áreas

$$A_l = 4a^2$$
$$A_t = 6a^2$$

Volume

$$V = a^3$$

Diagonais

$$d = a\sqrt{2}$$
$$D = a\sqrt{3}$$