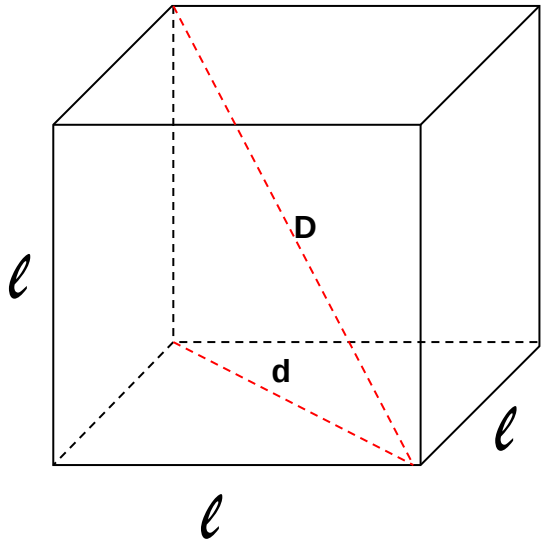
CUBO - FORMULE RIASSUNTIVE

Il **CUBO** è un parallelepipedo rettangolo che ha tre dimensioni congruenti (uguali)



D = Diagonale del Cubo.

d = Diagonale della Faccia

ℓ = Lato

AREA LATERALE (A_L)

$$A_L = 4 \cdot \ell^2$$

FORMULA INVERSA (A_L)

$$\ell = \sqrt{\frac{A}{4}_L}$$

AREA TOTALE (A_T)

$$A_T = 6 \cdot \ell^2$$

FORMULA INVERSA (A_T)

$$\ell = \sqrt{\frac{A}{6}_T}$$

AREA DI BASE (A_B)

$$A_B = \ell^2$$

FORMULA INVERSA (A_B)

$$\ell = \sqrt{A}_B$$

DIAGONALE (D)

$$D = \ell \cdot \sqrt{3}$$

FORMULA INVERSA (D)

$$\ell = \frac{D}{\sqrt{3}}$$

VOLUME (V)

$V = \ell^3$ Cioè $\ell \cdot \ell \cdot \ell$

FORMULA INVERSA (V)

$$\ell = \sqrt[3]{V}$$

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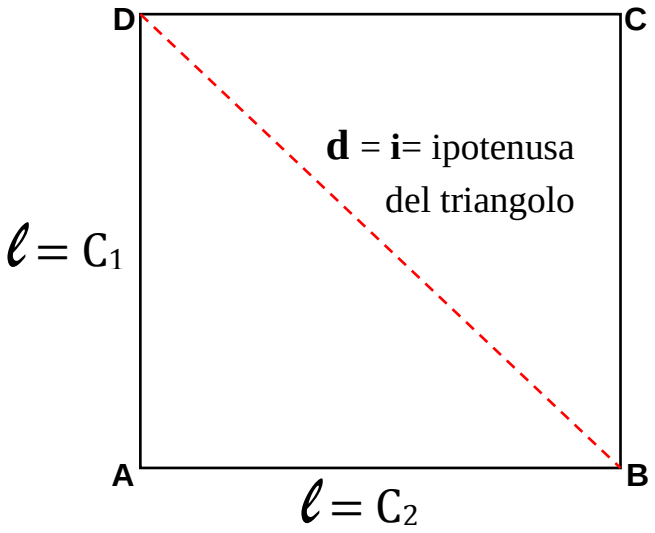
QUADRATO (FORMULE RIASSUNTIVE)



PERIMETRO **(2P)**

$$2P = \ell \cdot 4$$

FORMULA INVERSA

$$\ell = 2P : 4$$

AREA **(A)**

$$A = \ell \cdot \ell$$

FORMULA INVERSA

$$\ell = \sqrt{A}$$

DIAGONALE **(d = i)**

$$d = \sqrt{C_1{}^2 + C_2{}^2}$$

FORMULA INVERSA

$$C_1 = \sqrt{d^2 - C_2{}^2}$$

$$C_2 = \sqrt{d^2 - C_1{}^2}$$

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