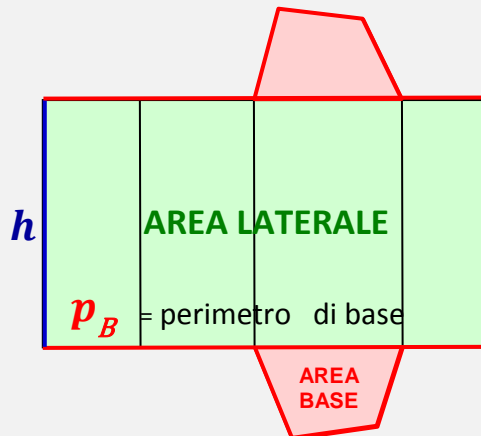
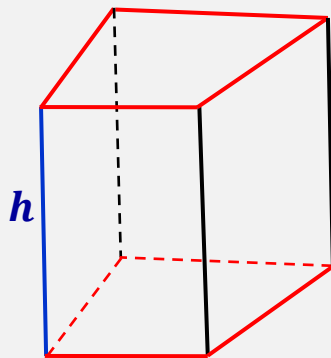
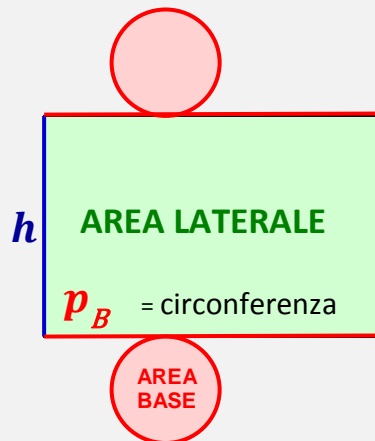
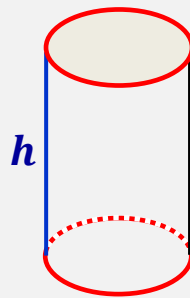


PRISMA RETTO



CILINDRO



$$A_L = p_B \times h$$

$$p_B = \frac{A_L}{h} \quad h = \frac{A_L}{p_B}$$

$$A_T = A_L + 2A_B$$

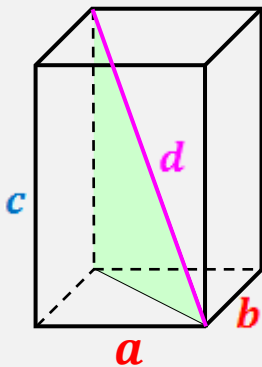
$$A_L = A_T - 2A_B$$

$$A_B = \frac{A_T - A_L}{2}$$

$$V = A_B \times h$$

$$h = \frac{V}{A_B} \quad A_B = \frac{V}{h}$$

PARALLELEPIPEDO RETTANGOLO



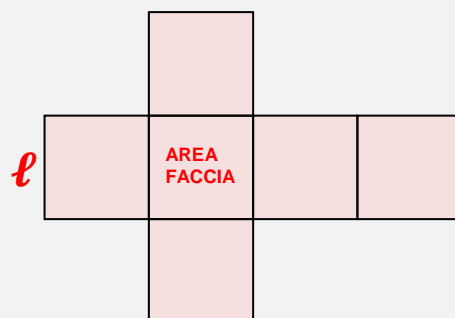
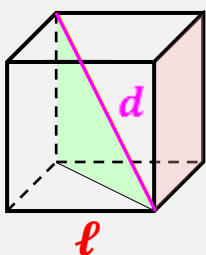
$$d = \sqrt{a^2 + b^2 + c^2}$$

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

$$A_T = 2(a \cdot b + b \cdot c + a \cdot c)$$

$$V = A_B \times c = a \times b \times c$$

CUBO



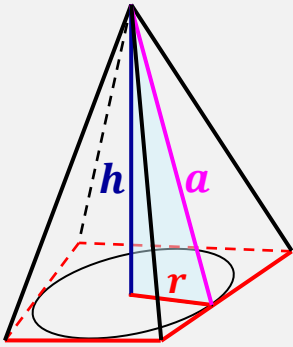
$$A_L = 4 \times l^2 \quad l = \sqrt{\frac{A_L}{4}}$$

$$A_T = 6 \times l^2 \quad l = \sqrt{\frac{A_T}{6}}$$

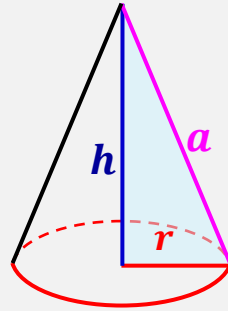
$$V = l^3 \quad l = \sqrt[3]{V}$$

$$d = l \times \sqrt{3} \quad l = \frac{d}{\sqrt{3}}$$

PIRAMIDE RETTA



CONO



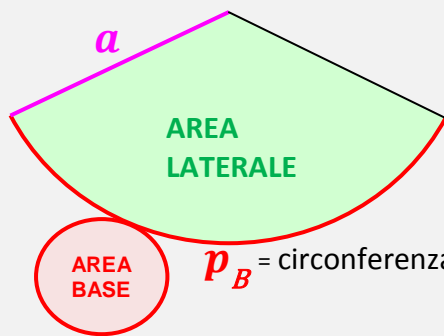
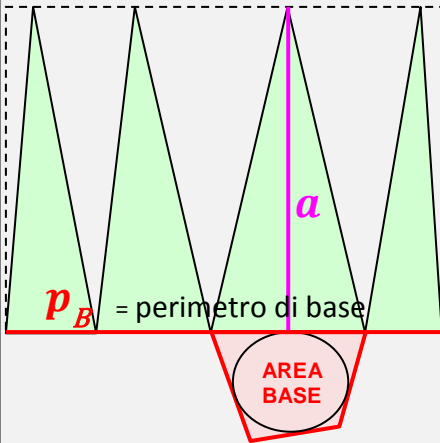
$$A_L = \frac{p_B \times a}{2}$$

$$p_B = \frac{A_L \times 2}{a} \quad a = \frac{A_L \times 2}{p_B}$$

$$A_T = A_L + A_B$$

$$A_L = A_T - A_B$$

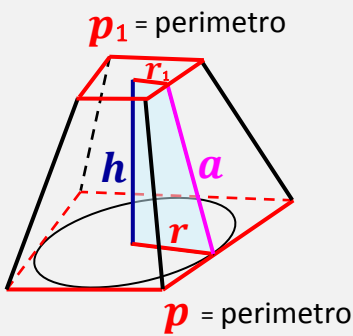
$$A_B = A_T - A_L$$



$$V = \frac{A_B \times h}{3}$$

$$h = \frac{3 \times V}{A_B} \quad A_B = \frac{3 \times V}{h}$$

TRONCO DI PIRAMIDE



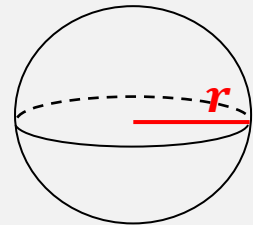
$$A_L = \frac{(p + p_1) \times a}{2}$$

$$a = \frac{2 \times A_L}{(p + p_1)}$$

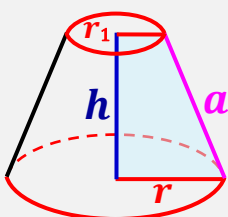
$$p + p_1 = \frac{2 \times A_L}{a}$$

$$V = \frac{h}{3} (A + A_1 + \sqrt{A \times A_1})$$

SFERA



TRONCO DI CONO



$$A_L = \pi(r + r_1) \times a$$

$$a = \frac{A_L}{\pi(r + r_1)}$$

$$r + r_1 = \frac{A_L}{\pi a}$$

$$V = \frac{h}{3} \pi(r^2 + r_1^2 + r \times r_1)$$

$$A = 4\pi r^2 \quad r = \sqrt{\frac{A}{4\pi}}$$

$$V = \frac{4}{3} \pi r^3 \quad r = \sqrt[3]{\frac{3V}{4\pi}}$$