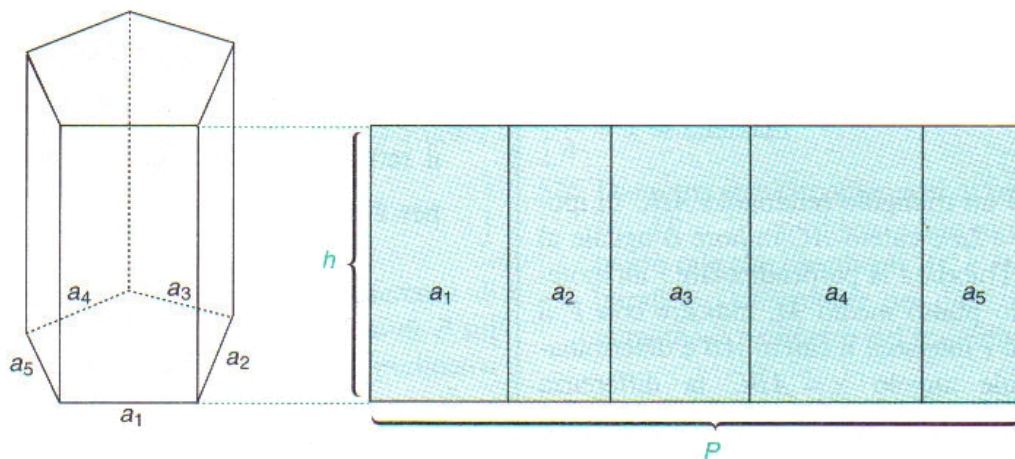


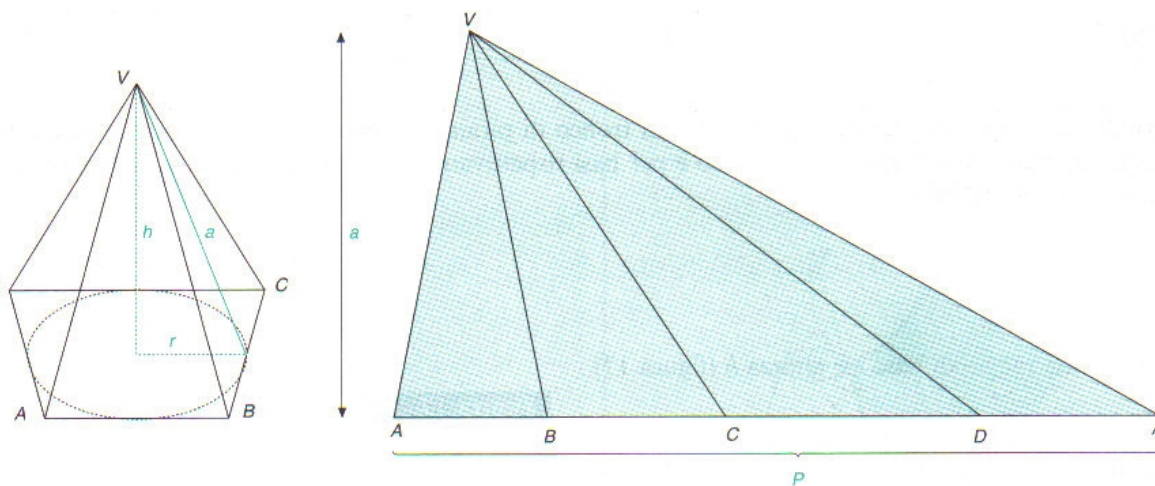
PRISMA RETTO



Superficie totale: $S_{tot} = Ph + 2 S_{base}$

Volume: $V = S_{base} h$

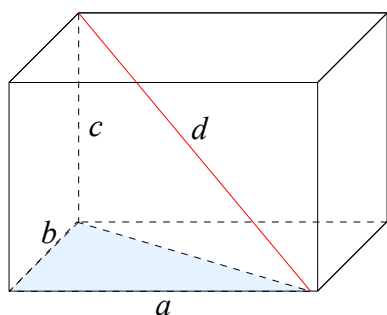
PIRAMIDE RETTA



Superficie totale: $S_{tot} = \frac{1}{2} Pa + S_{base}$

Volume: $V = \frac{1}{3} S_{base} h$

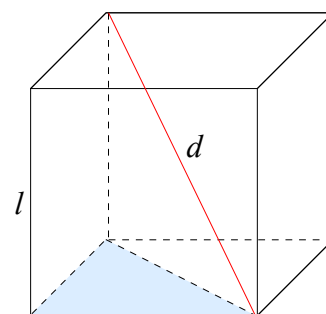
PARALLELEPIPEDO RETTANGOLO E CUBO



Superficie totale: $S_{tot} = Ph + 2 S_{base} = 2(ab + ac + bc)$

Volume: $V = S_{base} h$

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

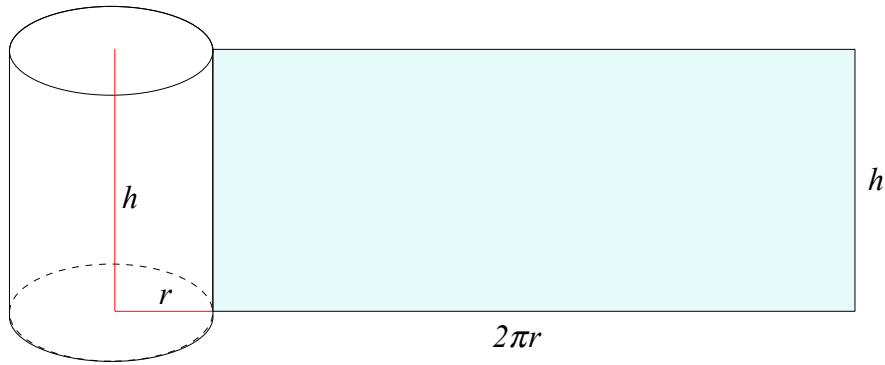


Superficie totale: $S_{tot} = 6 l^2$

Volume: $V = l^3$

Diagonale: $d = l\sqrt{3}$

CILINDRO RETTO



Superficie totale: $S = S_{tot} = S_{lat} + 2 S_{base} = 2\pi rh + 2\pi r^2$ Volume: $V = S_{base} h = \pi r^2 h$

cilindro equilatero: $h = 2r$

Superficie totale: $S = S_{tot} = S_{lat} + 2 S_{base} = 4\pi r^2 + 2\pi r^2 = 6\pi r^2$ Volume: $V = S_{base} h = 2\pi r^3$

CONO RETTO

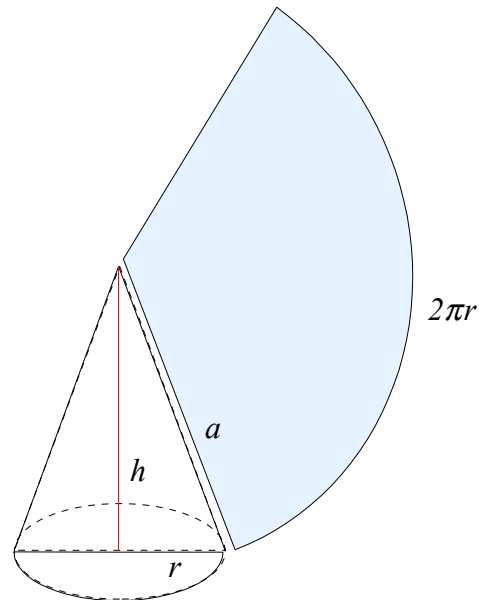
Superficie totale: $S = S_{tot} = S_{lat} + S_{base} = \pi ra + \pi r^2$

Volume: $V = \frac{1}{3} S_{base} h = \frac{1}{3} \pi r^2 h$

cono equilatero: apotema = $2r$

Superficie totale: $S = S_{tot} = S_{lat} + S_{base} = 2\pi r^2 + \pi r^2 = 3\pi r^2$

Volume: $V = \frac{1}{3} S_{base} h = \frac{\sqrt{3}}{3} \pi r^3$



SFERA

Superficie sferica: $S = 4\pi r^2$

Volume: $V = \frac{4}{3} \pi r^3$

