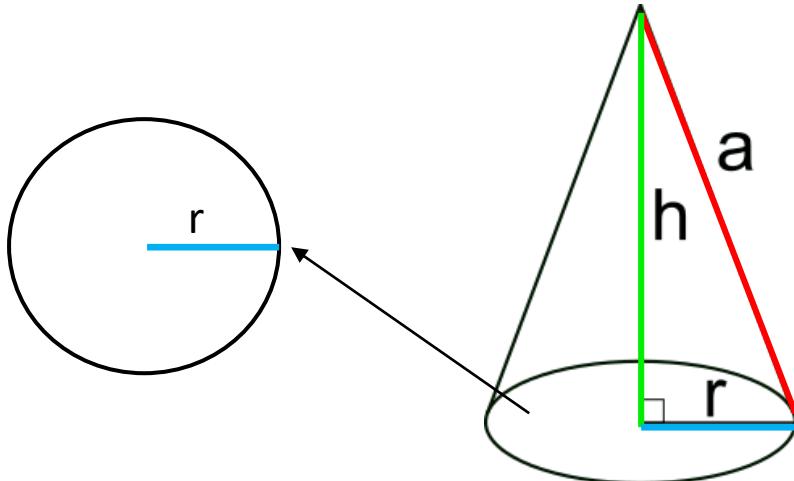


IL CONO -formule riassuntive



AREA DI BASE (Ab)

$$Ab = r^2\pi$$

FORMULE INVERSE

$$r = \sqrt[2]{\frac{Ab}{\pi}}$$

AREA LATERALE (Al)

$$Al = \pi r \cdot a$$

FORMULE INVERSE

$$a = \frac{Al}{\pi \cdot r} \quad r = \frac{Al}{\pi \cdot a}$$

AREA TOTALE (At)

$$At = Al + Ab$$

FORMULE INVERSE

$$Al = At - Ab \quad Ab = At - Al$$

VOLUME (V)

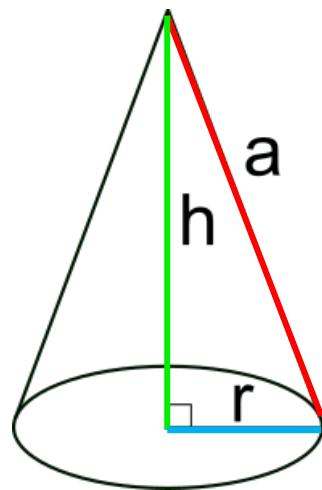
$$V = \frac{\pi r^2 \cdot h}{3}$$

FORMULE INVERSE

$$r = \sqrt[2]{\frac{3 \cdot V}{\pi h}} \quad h = \frac{3V}{\pi \cdot r^2}$$

$$V = \frac{Ab \cdot h}{3}$$

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$$a = \sqrt{h^2 + r^2}$$

$$r = \sqrt{a^2 - h^2}$$

$$h = \sqrt{a^2 - r^2}$$