

Formule della piramide

S_L = Superficie laterale

P_B = Perimetro della Base

Apo = Apotema = \overline{VM}

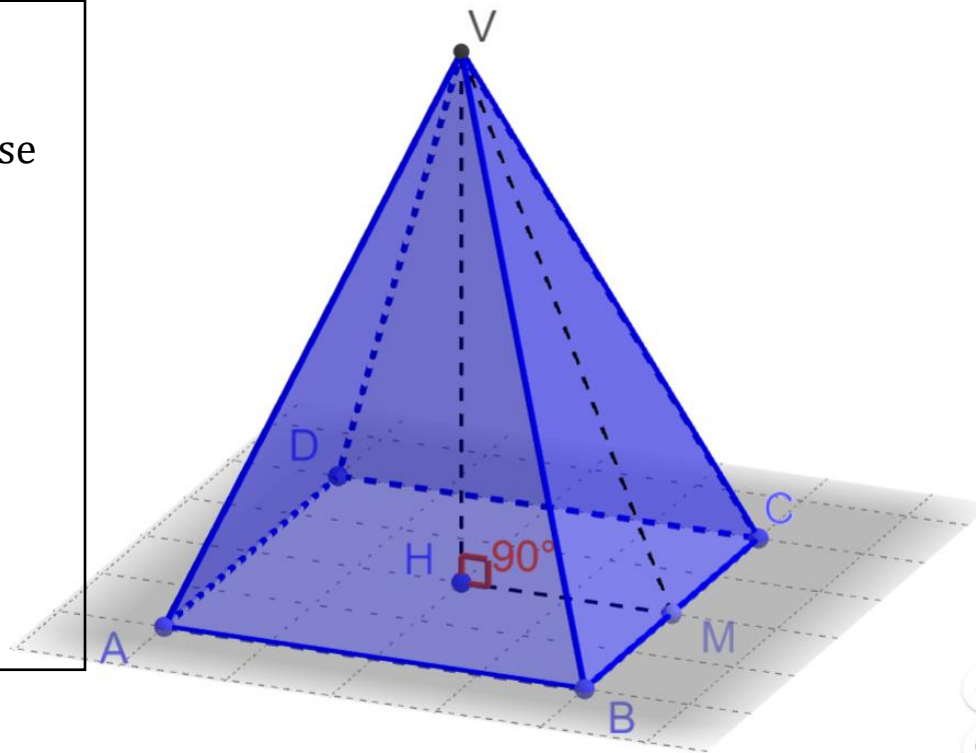
S_T = Superficie Totale

A_B = Area della Base

V = Volume

h = altezza = \overline{VH}

ρ = densità



$$S_L = \frac{P_B \cdot Apo}{2} \quad \text{oppure} \quad S_L = (P_B \cdot Apo) : 2$$

$$P_B = \frac{S_L \cdot 2}{Apo} \quad \text{oppure} \quad P_B = (S_L \cdot 2) : Apo$$

$$Apo = \frac{S_L \cdot 2}{P_B} \quad \text{oppure} \quad Apo = (S_L \cdot 2) : P_B$$

$$S_T = S_L + A_B$$

$$S_L = S_T - A_B$$

$$A_B = S_T - S_L$$

$$V = \frac{A_B \cdot h}{3} \quad \text{oppure} \quad V = (A_B \cdot h) : 3$$

$$A_B = \frac{3 \cdot V}{h} \quad \text{oppure} \quad A_B = (3 \cdot V) : h$$

$$h = \frac{3 \cdot V}{A_B} \quad \text{oppure} \quad h = (3 \cdot V) : A_B$$

$$\text{massa} = V \cdot \rho$$

$$V = \frac{\text{massa}}{\rho} \quad \text{oppure} \quad V = \text{massa} : \rho$$

$$\rho = \frac{\text{massa}}{V} \quad \text{oppure} \quad \rho = \text{massa} : V$$

