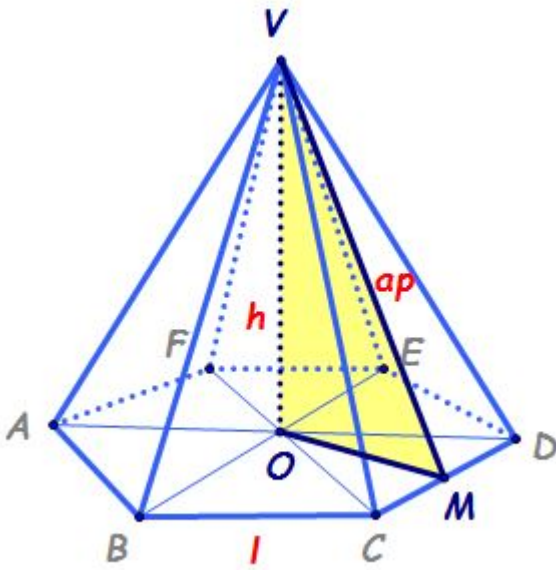


Piramida hexagonală regulată- formule pentru arii și volum



$A_l = \frac{P_b \cdot a_p}{2}$
$A_t = A_l + A_b$
$V = \frac{A_b \cdot h}{3}$

$$P_b = 6I$$

$$A_b = 6 \cdot A_{\Delta BOC} = 6 \cdot \frac{I^2 \sqrt{3}}{4}$$

$$A_b = \frac{3I^2 \sqrt{3}}{2}$$

Alte formule utile:

$$OC = OD = CD = I$$

$$OM = \frac{I\sqrt{3}}{2}$$