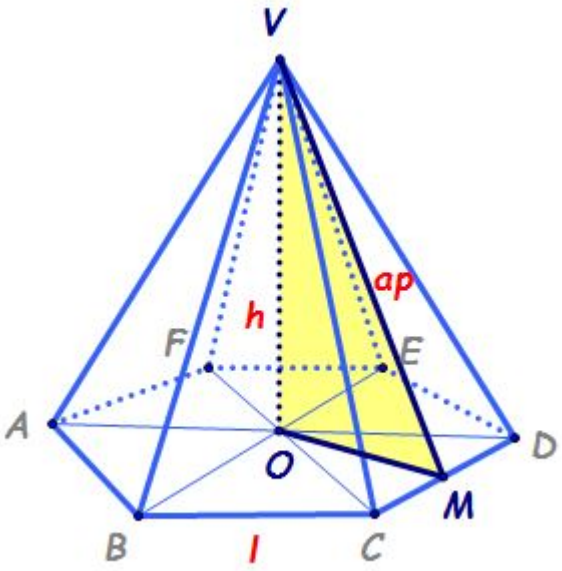
Piramida hexagonală regulată- formule pentru arii și volum



$$A_l = \frac{P_b \cdot a_p}{2}$$

$$A_t = A_l + A_b$$

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

$$P_b = 6l$$

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

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

Alte formule utile:

$$OC = OD = CD = l$$

$$OM = \frac{l\sqrt{3}}{2}.$$

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