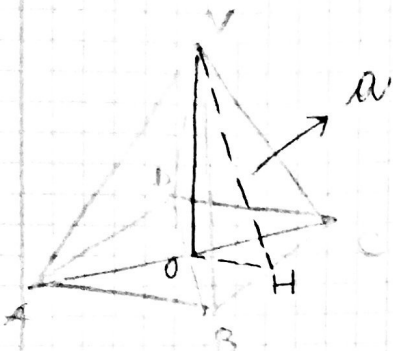


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$$h = 16 \text{ cm}$$

$$\overline{AC} = 12 \text{ cm}$$

$$\overline{CB} = 9 \text{ cm}$$

$$A_l = ? \quad A_t = ?$$

FORMULE

$$A_l = \frac{p \cdot a}{2} \quad A_t = A_l + A_b$$

$$\overline{AB} = \sqrt{\left(\frac{\overline{AC}}{2}\right)^2 + \left(\frac{\overline{CB}}{2}\right)^2} =$$

$$= \sqrt{6^2 + 4,5^2} = 7,5 \text{ cm}$$

$$A_b = \frac{12 \text{ cm} \cdot 9 \text{ cm}}{2} = 54 \text{ cm}^2$$

$$h = 7,5 \text{ cm} \cdot 4 = 30 \text{ cm}$$

$$a = \sqrt{OV^2 + OH^2} \quad \text{ma OH devo trovarlo e corrisponde all'altezza del triangolo BOC ricavabile con la formula}$$

$$OH = 3,6 \text{ cm}^2$$

$$OH = \frac{A \cdot 2}{BC} \quad A = \frac{13,5 \cdot 2}{7,5} = 3,6 \text{ cm}^2$$

$$a = \sqrt{16^2 + 3,6^2} = 16,4 \text{ cm}$$

$$A_l = \frac{30 \text{ cm} \cdot 16,4 \text{ cm}}{2} = 246 \text{ cm}^2$$

$$A_t = 54 \text{ cm}^2 + 246 \text{ cm}^2 = 300 \text{ cm}^2$$