



$$KH = \frac{6}{5} AB$$

$$AB = AC = l \text{ dm}$$

$$KH + AC = 22 \text{ dm}$$

SOSTITUISCO

$$AC = 22 \text{ dm} - KH$$

$$AC = 22 - \frac{6}{5} AC$$

$$l = 22 - \frac{6}{5} l$$

$$l + \frac{6}{5} l = 22 \quad 5l + 6l = 110$$

$$l = \frac{110}{11} = 10 \text{ dm}$$

$$l_{ATO} = 10 \text{ dm}$$

$$A_b = l^2 = 10 \cdot 10 = 100 \text{ dm}^2$$

$$h_2 = 22 - 10 = 12$$

$$V_c = l^3 = 10 \cdot 10 \cdot 10 = 1000 \text{ dm}^3$$

$$A_c = 100 \times 6 \text{ face} = 600 \text{ dm}^2$$

$$A_p = A_b + A_l$$

$$A_l = \frac{2p \times a}{2}$$

$$\text{apotema} = \sqrt{h^2 + \frac{l^2}{2}} = \sqrt{12^2 + 5^2} = \sqrt{144 + 25} = \sqrt{169} = 13 \text{ dm}$$

$$2p = l \times 4 = 10 \cdot 4 = 40$$

$$A_l = \frac{40 \times 13}{2} = \frac{520}{2} = 260 \text{ dm}^2$$

$$V_p = \frac{A_b \times h}{3} = \frac{100 \times 12}{3} = 400 \text{ dm}^3$$

$$A_T = A_c + A_p = \text{Area 6 face} = 600 + 260 = 860 \text{ dm}^2$$

$$V = 1000 + 400 = 1400 \text{ dm}^3$$