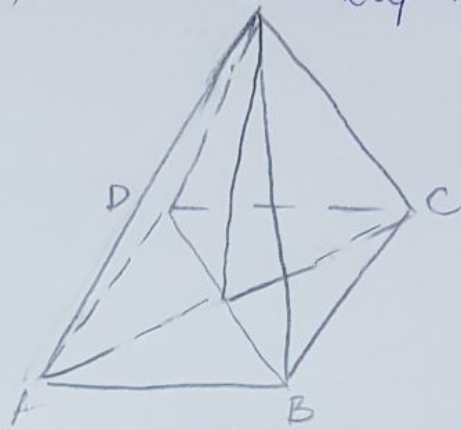


261) $P = ?$ Брашна једнакоивна тебросијана
 То шрзбура за заврши кате) S цуаида

$$a = 6 \text{ cm}$$



$$P = B + M$$

$$B = a^2 = 36 \text{ cm}^2$$

$$M = 4 \frac{a^2 \sqrt{3}}{4} = a^2 \sqrt{3} = 36 \sqrt{3} \text{ cm}^2$$

$$P = B + M = 36 \text{ cm}^2 + 36 \sqrt{3} \text{ cm}^2 = 36(1 + \sqrt{3}) \text{ cm}^2$$

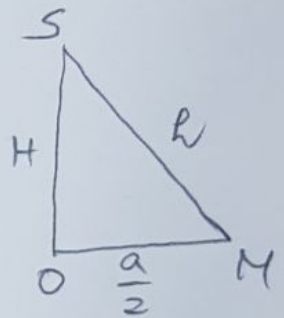
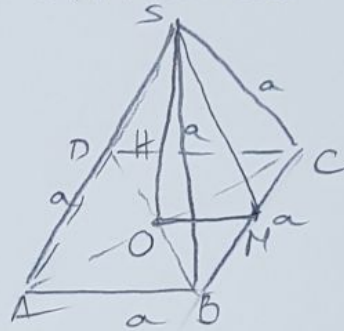
400) 102 шр. $V = ?$

$$M = 36 \sqrt{3} \text{ cm}^2$$

$$M = 4 \frac{a^2 \sqrt{3}}{4} = a^2 \sqrt{3}$$

$$36 \sqrt{3} \text{ cm}^2 = a^2 \sqrt{3}$$

$$\boxed{a = 6 \text{ cm}}$$



$$V = \frac{1}{3} B \cdot H$$

$$B = a^2 = 36 \text{ cm}^2$$

$$h = \frac{a \sqrt{3}}{2} = \frac{6 \sqrt{3}}{2} = 3 \sqrt{3} \text{ cm}$$

$$H^2 = h^2 - \left(\frac{a}{2}\right)^2$$

$$H^2 = (3 \sqrt{3})^2 - 3^2$$

$$H^2 = 27 - 9$$

$$H^2 = 18$$

$$\boxed{H = 3 \sqrt{2} \text{ cm}}$$

$$V = \frac{1}{3} \cdot 36 \text{ cm}^2 \cdot 3 \sqrt{2} \text{ cm} = \underline{\underline{36 \sqrt{2} \text{ cm}^3}}$$

401) $V = \frac{a^3 \sqrt{2}}{12}$

тебросијана
 (брашна једнакоивна
 шросијана пирамида)

$$P = 12 \sqrt{3} \text{ cm}^2 + B$$

$$M = 12 \sqrt{3} \text{ cm}^2$$

$$M = 3 \cdot \frac{a^2 \sqrt{3}}{4}$$

$$3 \frac{a^2 \sqrt{3}}{4} = 12 \sqrt{3} \quad | \cdot 4$$

$$3a^2 = 48 \quad | : 3$$

$$a^2 = 16 \quad \boxed{a = 4 \text{ cm}}$$

$$V = \frac{a^3 \sqrt{2}}{12} = \frac{64 \sqrt{2}}{12} = \frac{16 \sqrt{2}}{3} \text{ cm}^3$$

