

1. pravilna 4-strana piramida

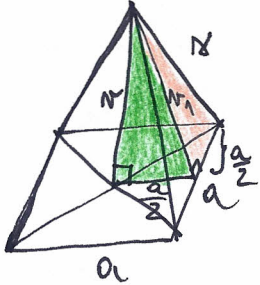
$$N_1 = 12 \text{ cm}$$

$$A = 13 \text{ cm}$$

$$P = 340 \text{ cm}^2$$

$$V =$$

$$a = 10 \text{ cm}$$



$$P = N + pl$$

$$P = a^2 + \frac{4 \cdot a \cdot N_1 \cdot 2}{2}$$

$$P = 100 + 2 \cdot 10 \cdot 12$$

$$P = 100 + 240$$

$$P = \underline{\underline{340 \text{ cm}^2}}$$

$$N^2 = N_1^2 - \left(\frac{a}{2}\right)^2$$

$$N^2 = 144 - 25$$

$$N = \sqrt{119}$$

$$N = \underline{\underline{11 \text{ cm}}}$$

4. teden NALOGA ZA ODDAT

$$\left(\frac{a}{2}\right)^2 = A^2 - N_1^2$$

$$\left(\frac{a}{2}\right)^2 = 169 - 144$$

$$\left(\frac{a}{2}\right)^2 = 25$$

$$\frac{a}{2} = 5$$

$$a = \underline{\underline{10 \text{ cm}}}$$

$$V = \frac{N \cdot N}{3}$$

$$V = \frac{a^2 \cdot N}{3}$$

$$V = \frac{100 \cdot 11}{3}$$

$$V = \underline{\underline{366,7 \text{ cm}^3}}$$

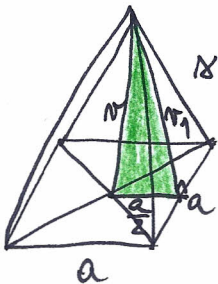
2. pravilna 4-str. piramida

$$N_1 = 15 \text{ cm}$$

$$pl = 540 \text{ cm}^2$$

$$P =$$

$$V =$$



$$pl = \frac{4 \cdot a \cdot N_1 \cdot 2}{2}$$

$$pl = 2 \cdot a \cdot N_1$$

$$a = \frac{pl}{2 \cdot N_1}$$

$$a = \frac{540}{2 \cdot 15}$$

$$a = \underline{\underline{18 \text{ cm}}}$$

$$N^2 = N_1^2 - \left(\frac{a}{2}\right)^2$$

$$N^2 = 225 - 81$$

$$N = \sqrt{144}$$

$$N = \underline{\underline{12 \text{ cm}}}$$

$$P = N + pl$$

$$P = a^2 + pl$$

$$P = 324 + 540$$

$$P = \underline{\underline{864 \text{ cm}^2}}$$

$$V = \frac{N \cdot N}{3}$$

$$V = \frac{a^2 \cdot N}{3}$$

$$V = \frac{324 \cdot 12 \cdot 4}{3}$$

$$V = \underline{\underline{1296 \text{ cm}^3}}$$