

ΣN2/ str 131/ mal 38

5. tedeu.  
2. uror

PRAVILNA 6-STRANA

$$a = 4 \text{ cm} \quad P = \sigma + pl$$

$$N_1 = 10 \text{ cm}$$

$$P = 24(\sqrt{3} + 5) \text{ cm}^2$$

$$\sigma = 24\sqrt{3} \text{ cm}^2$$

$$pl = 120 \text{ cm}^2$$

PIRAMIDA

$$\sigma = 6 \cdot \frac{a^2 \sqrt{3}}{4}$$

$$\sigma = \frac{6 \cdot 16 \sqrt{3} \cdot 4}{4 \cdot 1}$$

$$\sigma = 24\sqrt{3} \text{ cm}^2$$

$$pl = 6 \cdot \frac{a \cdot N_1}{2}$$

$$pl = \frac{6 \cdot 4 \cdot 10 \cdot 3}{2 \cdot 1}$$

$$pl = 120 \text{ cm}^2$$

$$P = \sigma + pl$$

$$P = (24\sqrt{3} + 120) \text{ cm}^2$$

$$P = 24(\sqrt{3} + 5) \text{ cm}^2$$

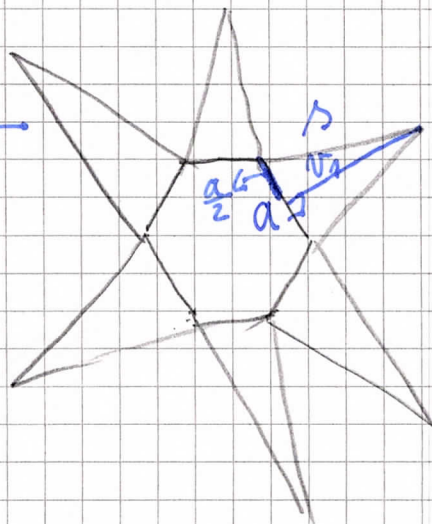
ΣN2/ str 131/ mal 39

PRAVILNA 6-STRANA PIRAMIDA

$$a = 14 \text{ m}$$

$$s = 25 \text{ m}$$

$$pl = 1008 \text{ m}^2$$



$$pl = \frac{6 \cdot a \cdot N_1}{2}$$

$$pl = \frac{6 \cdot 14 \cdot 24 \cdot 7}{2 \cdot 1}$$

$$pl = 1008 \text{ m}^2$$

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

$$N_1^2 = 625 - 49$$

$$N_1^2 = 576$$

$$N_1 = 24 \text{ m}$$

## 1. ura - MINIMALNA ZNANJA

1. naloga z lista.

## PRAVILNA 3-STRANA PIRAMIDA

$$a = 20 \text{ cm}$$

$$N_1 = 30 \text{ cm}$$

$$P =$$

$$P = \sigma + pl$$

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

$$\sigma = \frac{100\sqrt{3}}{4}$$

$$\sigma = 25\sqrt{3} \text{ cm}^2$$

$$pl = \frac{3 \cdot a \cdot N_1}{2}$$

$$pl = \frac{3 \cdot 20 \cdot 30 \cdot 10}{2 \cdot 1}$$

$$pl = 900 \text{ cm}^2$$

2. naloga z lista

## PIRAMIDA

$$P = 68 \text{ m}^2$$

$$\sigma = 20 \text{ m}^2$$

$$pl = 48 \text{ m}^2$$

$$P = \sigma + pl$$

$$68 = 20 + pl$$

$$pl = 68 - 20$$

$$pl = 48 \text{ m}^2$$



ZN/2 str 130/ mal 28 - temeljna značaja

5. teden

1. ura

### PRAVILNA 3-STRANA PIRAMIDA

$$a = 8\sqrt{3} \text{ cm}$$

$$N = 3 \text{ cm}$$

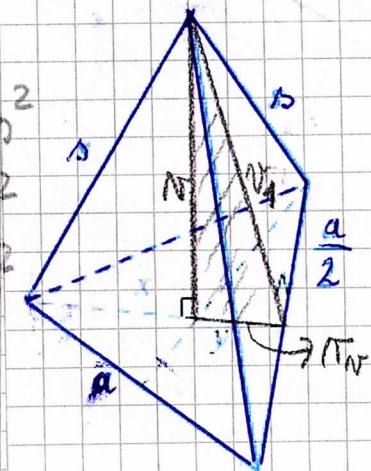
$$P = 108\sqrt{3} \text{ cm}^2$$

$$\sigma = 48\sqrt{3} \text{ cm}^2$$

$$pl = 60\sqrt{3} \text{ cm}^2$$

$$N_1 = 5 \text{ cm}$$

$$N_r = 4 \text{ cm}$$



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

$$\sigma = \frac{(8\sqrt{3})^2 \sqrt{3}}{4}$$

$$\sigma = \frac{64 \cdot 3 \cdot \sqrt{3} \cdot 16}{4 \cdot 1}$$

$$\sigma = 48\sqrt{3} \text{ cm}^2$$

$$N_r = \frac{a\sqrt{3}}{6}$$

$$N_r = \frac{8\sqrt{3} \cdot \sqrt{3} \cdot 4}{6 \cdot 3}$$

$$N_r = \frac{4 \cdot 3 \cdot 1}{3 \cdot 1}$$

$$N_r = 4 \text{ cm}$$

$$P = \sigma + pl$$

$$P = 48\sqrt{3} + 60\sqrt{3}$$

$$P = 108\sqrt{3} \text{ cm}^2$$

$$pl = 3 \cdot \frac{a \cdot N_1}{2}$$

$$pl = \frac{3 \cdot 8\sqrt{3} \cdot 5 \cdot 4}{2 \cdot 1}$$

$$pl = 60\sqrt{3} \text{ cm}^2$$

$$N_1^2 = N^2 + N_r^2$$

$$N_1^2 = 3^2 + 4^2$$

$$N_1^2 = 9 + 16$$

$$N_1^2 = 25$$

$$N_1 = 5 \text{ cm}$$