

Matematyka kl. 6 – 06.05.20

T: Pola powierzchni i objętości brył – powtórzenie.

Podręcznik str. 136 zad. 9 -14.

9/136

$$150 \text{ cm}^2 : 6 = 25 \text{ cm}^2$$

$$P = a \cdot a$$

$$25 = a \cdot a$$

$$a = 5$$

$$V = 5 \cdot 5 \cdot 5 = 125 \text{ cm}^3$$

10/136

$$30 : 12 = 2,5 \text{ cm}$$

a) $V = 2,5 \cdot 2,5 \cdot 2,5 = 15,625 \text{ cm}^3$

b) $P = 2,5 \cdot 2,5 = 6,25 \text{ cm}^2$

$$P_c = 6,25 \cdot 6 = 37,5 \text{ cm}^3$$

11/136

$$P_p = \frac{4 \cdot 3}{2} = 6 \text{ cm}^2$$

a) NIE

b) $V = 6 \cdot 4 = 24 \text{ cm}^3$

c) $4 \cdot 4 = 16 \text{ cm}^2$

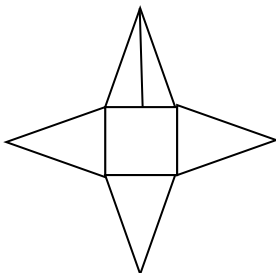
$$3 \cdot 4 = 12 \text{ cm}^2$$

$$5 \cdot 4 = 20 \text{ cm}^2$$

$$16 + 12 + 20 = 48 \text{ cm}^2$$

$$P_c = 48 + 2 \cdot 6 = 48 + 12 = 60 \text{ cm}^2$$

12/136



$$P_p = 2 * 2 = 4 \text{ cm}^2$$

$$P_s = \frac{2 * 3}{2} = 3 \text{ cm}^2$$

$$P_b = 4 * 3 = 12 \text{ cm}^2$$

$$P_c = 4 + 12 = 16 \text{ cm}^2$$

13/136

$$1a = 100 \text{ m}^2$$

$$1 \text{ ha} = 100a$$

$$4,75 \text{ ha} = 475a \text{ – gospodarstwo}$$

$$25a \text{ – las}$$

$$400 \text{ m}^2 = 4a \text{ – ogród}$$

$$6a \text{ – podwórko i zabudowania.}$$

$$25 + 4 + 6 = 35a$$

$$475 - 35a = 440a = 4,4 \text{ ha}$$

$$\frac{440}{475} = \frac{88}{95}$$

14/136

$$P = \frac{(2,5 + 2) * 1,5h}{2} = \frac{4,5 * 1,5}{2} = \frac{6,75}{2} = 3,375 \text{ cm}^2$$

$$P = \frac{1,5 * 1}{2} = 0,75$$

$$P_p = 3,375 + 0,75 = 4,125 \text{ cm}^2$$

$$V = 4,125 * 14 = 57,75 \text{ cm}^3$$