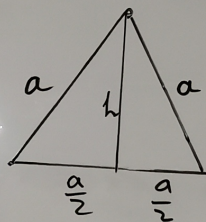


Везибање:

298. a) $P = 16\sqrt{3} \text{ cm}^2$
 $a = ?$



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

$$\frac{a^2\sqrt{3}}{4} = 16\sqrt{3}$$

$$a^2\sqrt{3} = 4 \cdot 16\sqrt{3}$$

$$a^2\sqrt{3} = 64\sqrt{3}$$

$$a^2 = 64$$

$$a = \sqrt{64}$$

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

$$\frac{x}{4} = 16$$

$$x : 4 = 16$$

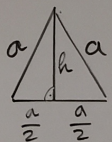
$$x = 16 \cdot 4$$

$$\frac{8}{2} = 4$$

$$8 = 2 \cdot 4$$

$$a^2 = \frac{64\sqrt{3}}{\sqrt{3}} = 64$$

301. a) $P = 9\sqrt{3} \text{ cm}^2$
 $O = ?$ $h = ?$



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

$$\frac{a^2\sqrt{3}}{4} = 9\sqrt{3}$$

$$a^2\sqrt{3} = 4 \cdot 9\sqrt{3}$$

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

$$a^2 = 36$$

$$a = \sqrt{36}$$

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

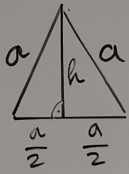
$$O = 3 \cdot a = 3 \cdot 6 \text{ cm} = 18 \text{ cm}$$

$$h = \frac{a\sqrt{3}}{2}$$

$$h = \frac{6\sqrt{3}}{2}$$

$$h = 3\sqrt{3} \text{ cm}$$

Лајунска: понегдељак 11:45



312. a) $P = 105 \text{ cm}^2$
 $a = 20 \text{ cm}$
 $O = ?$

$$\frac{a \cdot h}{2} = P$$

$$\frac{20 \cdot h}{2} = 105$$

$$20 \cdot h = 2 \cdot 105$$

$$20 \cdot h = 210$$

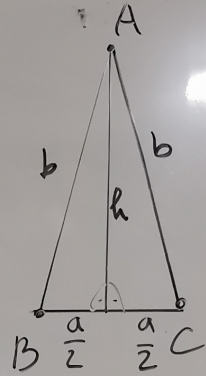
$$h = \frac{210}{20}$$

$$h = \frac{21}{2} \text{ cm}$$

$$b^2 = \left(\frac{a}{2}\right)^2 + h^2$$

$$b^2 = 10^2 + \left(\frac{21}{2}\right)^2$$

$$b^2 = \frac{100}{1} + \frac{441}{4}$$



$$b^2 = \frac{400}{4} + \frac{441}{4}$$

$$b^2 = \frac{841}{4}$$

$$b = \sqrt{\frac{841}{4}}$$

$$b = \frac{29}{2} \text{ cm}$$

$$O = a + b + b = a + 2b$$

$$O = 20 \text{ cm} + 2 \cdot \frac{29}{2} \text{ cm}$$

$$O = 20 \text{ cm} + 29 \text{ cm}$$

$$O = 49 \text{ cm}$$

$$9\sqrt{3}$$

$$\sqrt{3}$$

$$= 3 \cdot 6 \text{ cm} = 18 \text{ cm}$$

$$\sqrt{3}$$

$$2$$

$$1$$

$$3\sqrt{3} \text{ cm}$$