

16<sup>15</sup>  
2020.

02.11.2020.

ПРИПРЕМА ЗА ПИСМЕНИ ЗАДАТАК

1. а) КАО (27), (29)

б) КОРЕН

2. (194) а

3. а) ПИТАГ. ТЕОРЕМА (ПРАВУОУГЛИ  $\Delta$ )  
б) ОБРНУТА П.Т. (248. в)

4. ПРИМЕНА П.Т.

$$\begin{aligned} \textcircled{194.} \quad 2) \quad & (\sqrt{50} + \sqrt{98} - \sqrt{200}) : \sqrt{8} = \\ & = \frac{5\sqrt{2} + 7\sqrt{2} - 10\sqrt{2}}{2\sqrt{2}} = \frac{2\sqrt{2}}{2\sqrt{2}} = 1 \end{aligned}$$

$$\sqrt{50} = \sqrt{25 \cdot 2} = 5\sqrt{2}$$

$$\sqrt{98} = \sqrt{49 \cdot 2} = 7\sqrt{2}$$

$$\sqrt{200} = \sqrt{100 \cdot 2} = 10\sqrt{2}$$

$$\sqrt{8} = \sqrt{4 \cdot 2} = 2\sqrt{2}$$

Пр.

$$2 \cdot \frac{4\sqrt{2}}{2\sqrt{2}} = 2 ; \quad \frac{5\sqrt{2}}{2\sqrt{2}} = \frac{5}{2}$$

248. В) 8, 9, 12

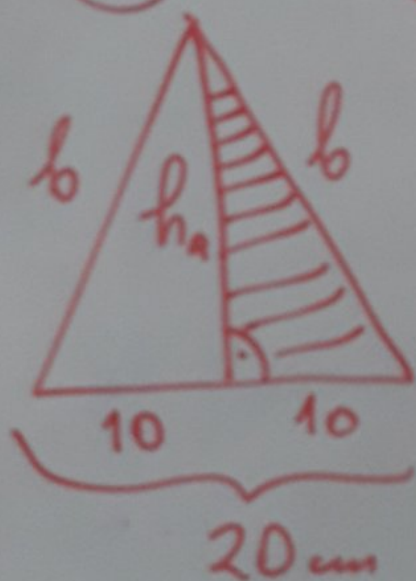
$$12^2 = 8^2 + 9^2 \quad (\text{ПРОВЕРАВАМО})$$

$$144 = 64 + 81$$

$$144 = 145 \quad (\perp)$$

ТРОУГАО НИЈЕ ПРАВОУГЛИ

4. НПР 312. 2) ЈЕДНАКОКРАКИ  $\Delta$



$$P = 105 \text{ cm}^2$$

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

$$0 - ? \quad 0 = 2 \cdot b + a$$

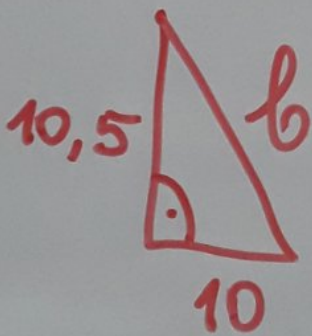
$$P = \frac{a \cdot h_a}{2}$$

$$105 = \frac{10 \cdot ha}{2,1}$$

$$105 = 10 \cdot ha$$

$$ha = \frac{105}{10}$$

$$ha = 10,5 \text{ cm}$$



$$b^2 = 10^2 + 10,5^2$$

$$b^2 = 100 + 110,25$$

$$b^2 = 210,25$$

$$b = 14,5 \text{ cm}$$

$$O = 2 \cdot 14,5 + 20$$

$$O = 29 + 20$$

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

$$\textcircled{1.} \textcircled{b)} \sqrt{\left(-\frac{6}{5}\right)^2} - \sqrt{1 - \frac{16}{25}} + \sqrt{\frac{1}{3}} \cdot \sqrt{\frac{3}{4}} =$$

$$= \frac{6}{5} - \sqrt{\frac{25}{25} - \frac{16}{25}} + \frac{\sqrt{1}}{\sqrt{3}} \cdot \frac{\sqrt{3}}{\sqrt{4}}$$

$$= \frac{6}{5} - \sqrt{\frac{9}{25}} + \frac{1}{2}$$

$$= \frac{6}{5} - \frac{3}{5} + \frac{1}{2} = \frac{3}{5} + \frac{1}{2} \dots$$