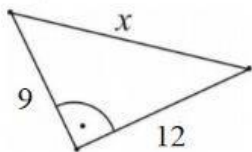


Питагорина теорема (Вежба бр. 1)

1. Израчунај непознату страницу правоуглог троугла на слици. Дужине познатих страница дате су у центиметрима.

а)



$$\square^{\square} = \square^{\square} + \square^{\square}$$

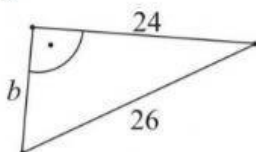
$$\square^{\square} = \square + \square$$

$$\square^{\square} = \square$$

$$x = \sqrt{\square}$$

$$x = \square \text{ cm}$$

б)



$$\square^{\square} = \square^{\square} + \square^{\square}$$

$$\square = \square^{\square} + \square$$

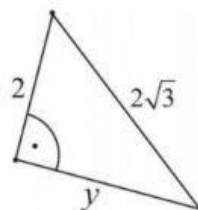
$$\square^{\square} = \square - \square$$

$$\square^{\square} = \square$$

$$b = \sqrt{\square}$$

$$b = \square \text{ cm}$$

в)



$$(2\sqrt{3})^{\square} = \square^{\square} + \square^{\square}$$

$$\square = \square^{\square} + \square$$

$$\square^{\square} = \square - \square$$

$$\square^{\square} = \square$$

$$y = \sqrt{\square} = \sqrt{\square} \cdot \sqrt{\square}$$

$$y = \square \sqrt{\square} \text{ cm}$$