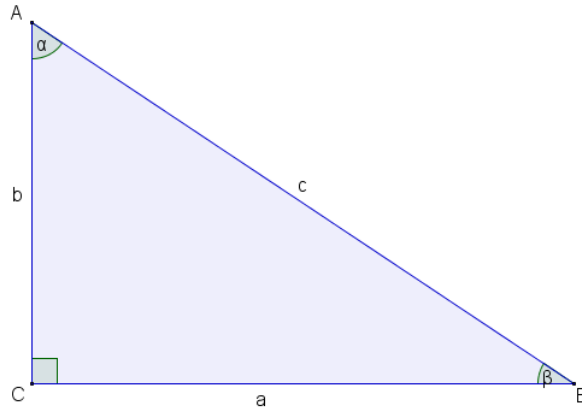


Andmed:

$$a = 8,2\text{cm}$$

$$b = 6,3\text{cm}$$



Lahendus:

1. Leian hüpotenuusi $c^2 = a^2 + b^2$

$$c = \sqrt{a^2 + b^2}$$

$$c = \sqrt{8,2^2 + 6,3^2} \approx 10,34(\text{cm})$$

2. Leian teravnurga α (kasutades algandmeid): $\tan \alpha = \frac{a}{b}$

$$\tan \alpha = \frac{8,2}{6,3} \approx 1,3016 \Rightarrow \alpha = 52^\circ 28'$$

3. Leian teravnurga β : $\alpha + \beta = 90^\circ \Rightarrow \beta = 90^\circ - \alpha$

$$\beta = 90^\circ - 52^\circ 28' = 37^\circ 32'$$

Vastus: Kolmnurga hüpotenuus 10,3 cm ning teravnurgad on $52^\circ 28'$ ja $37^\circ 32'$.