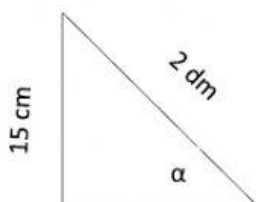


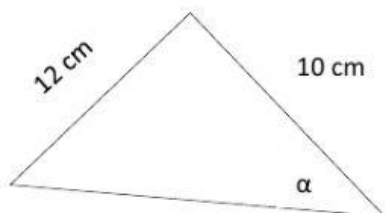
U každého trojúhelníku doplňte postup pro výpočet velikosti úhlu.

(Velikosti úhlů uvádějte zaokrouhlené na celá čísla)



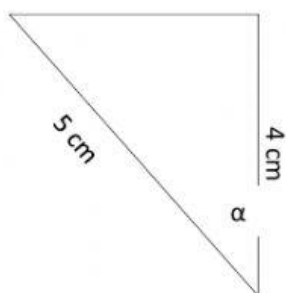
$$\sin \alpha = \frac{\text{opposite}}{\text{hypotenuse}} = \frac{15 \text{ cm}}{20 \text{ cm}}$$

$$\alpha = \arcsin\left(\frac{15}{20}\right) \approx 47^\circ$$



$$\cos \alpha = \frac{\text{adjacent}}{\text{hypotenuse}} = \frac{10 \text{ cm}}{12 \text{ cm}}$$

$$\alpha = \arccos\left(\frac{10}{12}\right) \approx 34^\circ$$



$$\sin \alpha = \frac{\text{opposite}}{\text{hypotenuse}} = \frac{4 \text{ cm}}{5 \text{ cm}}$$

$$\alpha = \arcsin\left(\frac{4}{5}\right) \approx 53^\circ$$