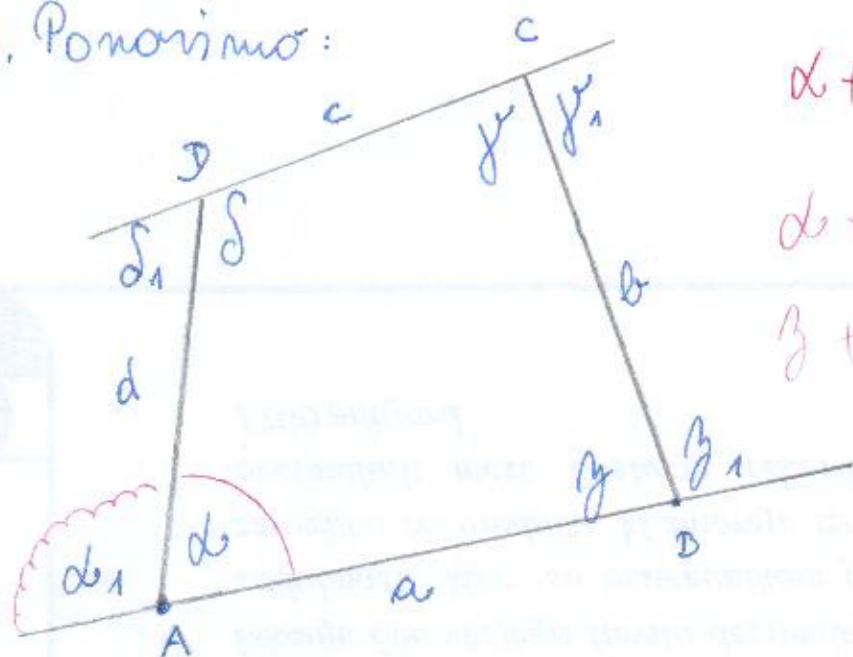


# KOTI ŠTIRIKOTNIKA

1. Ponovimo:

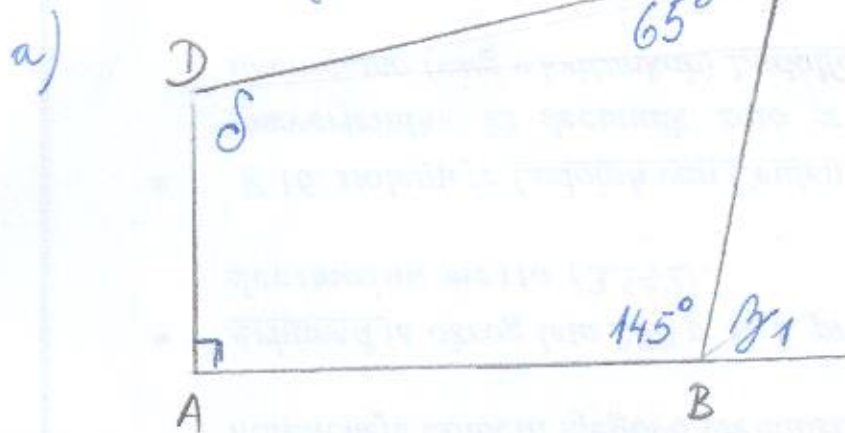


$$\alpha + \beta + \gamma + \delta = 360^\circ$$

$$\alpha + \alpha_1 = 180^\circ \quad \gamma + \gamma_1 = 180^\circ$$

$$\beta + \beta_1 = 180^\circ \quad \delta + \delta_1 = 180^\circ$$

2) Izračunaj neznanе kote c



$$\beta = 145^\circ$$

$$\gamma = 65^\circ$$

$$\alpha = 90^\circ$$

$$\beta_1 =$$

$$\delta =$$

$$\beta_1 = 180^\circ - 145^\circ = 35^\circ$$

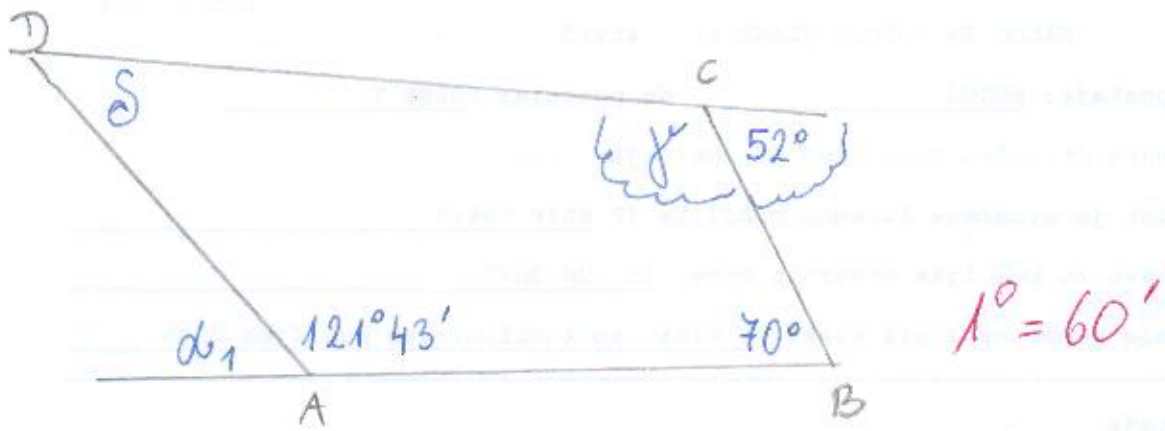
$$\delta = 360^\circ - (90^\circ + 145^\circ + 65^\circ)$$

$$\delta = 360^\circ - 300^\circ$$

$$\delta = 60^\circ$$

$$\begin{array}{r} 180^\circ \\ - 145^\circ \\ \hline 35^\circ \\ \\ 90^\circ \\ + 145^\circ \\ + 65^\circ \\ \hline 300^\circ \end{array}$$

b)



$$\alpha_1 = 180^\circ - 121^\circ 43'$$

$$\alpha_1 = 58^\circ 17'$$

$$\begin{array}{r} 179^\circ 60' \\ - 121^\circ 43' \\ \hline 58^\circ 17' \end{array}$$

$$\gamma = 180^\circ - 52^\circ$$

$$\gamma = 128^\circ$$

$$\begin{array}{r} 180^\circ \\ - 52^\circ \\ \hline 128^\circ \end{array} \quad \begin{array}{r} 121^\circ 43' \\ + 70^\circ \\ + 128^\circ \\ \hline 319^\circ 43' \end{array}$$

$$\delta = 360^\circ - (121^\circ 43' + 70^\circ + 128^\circ)$$

$$\delta = 360^\circ - 319^\circ 43'$$

$$\begin{array}{r} 359^\circ 60' \\ - 319^\circ 43' \\ \hline 40^\circ 17' \end{array}$$

$$\delta = 40^\circ 17'$$