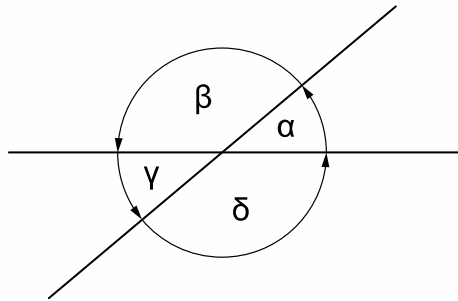


1. a) Miss zunächst die Größe des Winkels α mit dem Geodreieck. Verlängere dazu die Schenkel des Winkels α . Bestimme danach β , γ und δ ohne zu messen.

①



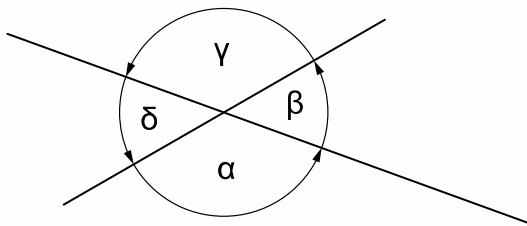
$$\alpha = \underline{\hspace{2cm}}$$

$$\beta = \underline{\hspace{2cm}}$$

$$\gamma = \underline{\hspace{2cm}}$$

$$\delta = \underline{\hspace{2cm}}$$

②



$$\alpha = \underline{\hspace{2cm}}$$

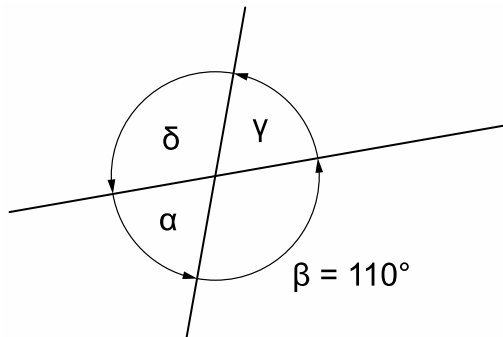
$$\beta = \underline{\hspace{2cm}}$$

$$\gamma = \underline{\hspace{2cm}}$$

$$\delta = \underline{\hspace{2cm}}$$

- b) Bestimme mithilfe der angegebenen Winkelgröße alle übrigen, ohne zu messen.

①

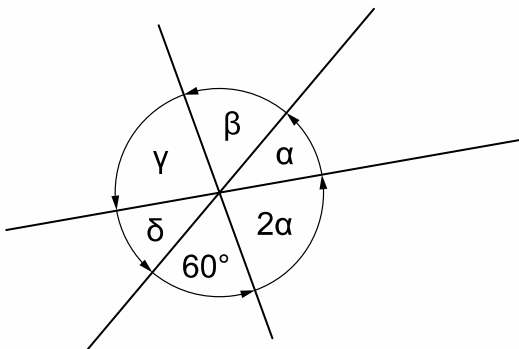


$$\alpha = \underline{\hspace{2cm}}$$

$$\gamma = \underline{\hspace{2cm}}$$

$$\delta = \underline{\hspace{2cm}}$$

②



$$\alpha = \underline{\hspace{2cm}}$$

$$\beta = \underline{\hspace{2cm}}$$

$$\gamma = \underline{\hspace{2cm}}$$

$$\delta = \underline{\hspace{2cm}}$$