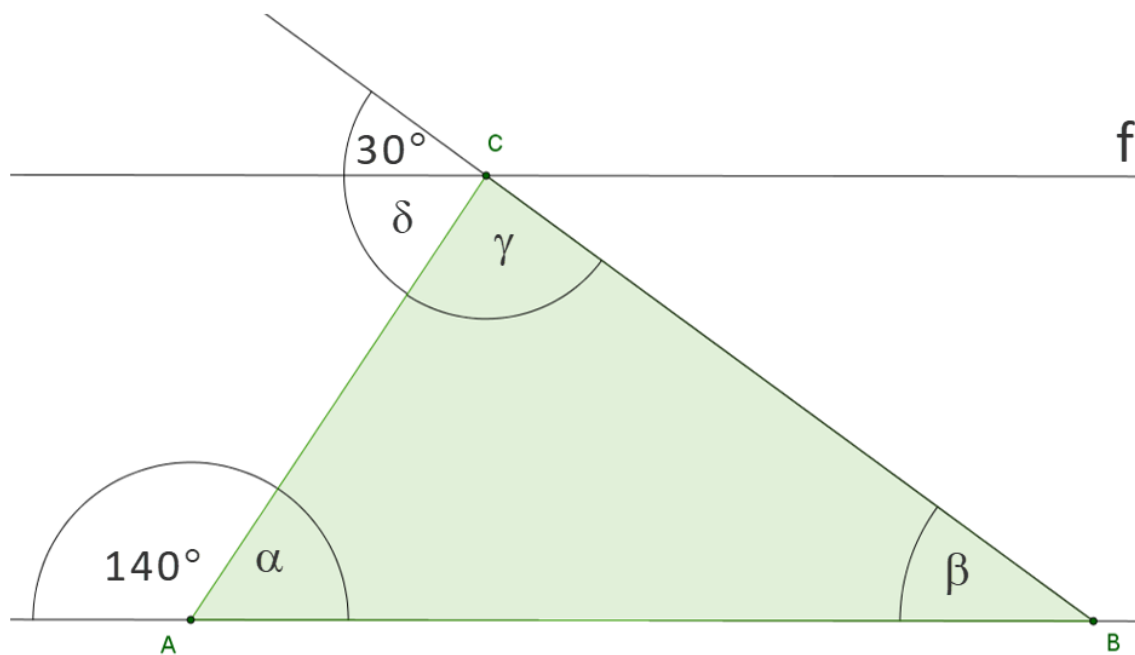


# 1. Übungsaufgaben

Berechne  $\alpha$ ,  $\beta$ ,  $\gamma$  und  $\delta$ !

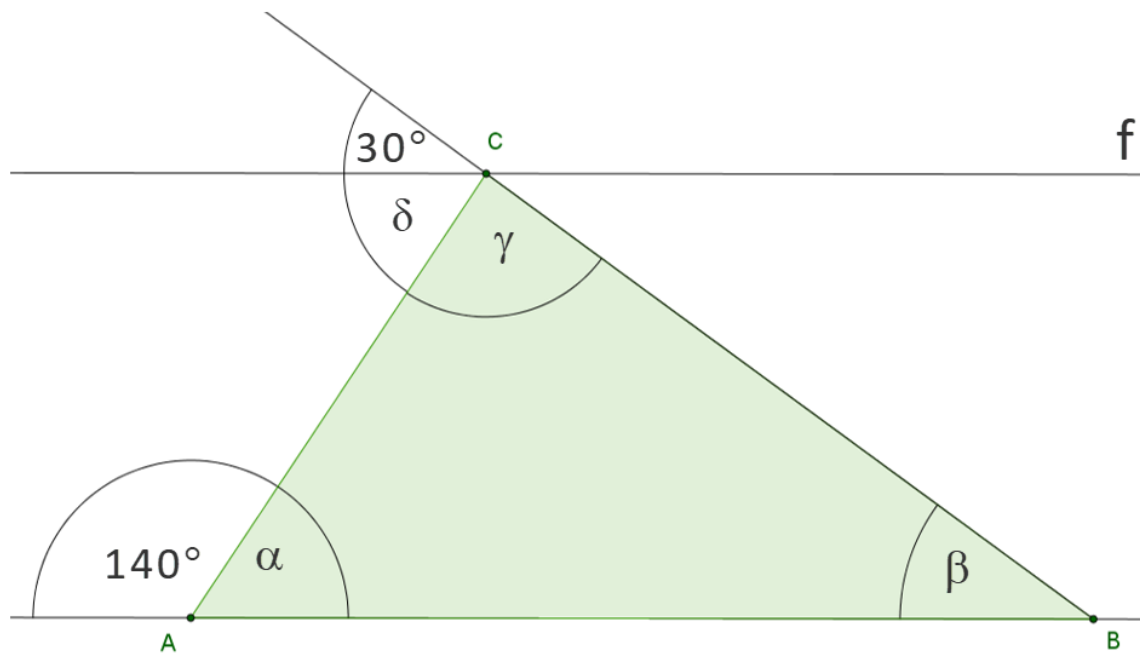
$f \parallel AB$



# 1. Übungsaufgaben – Lösungen

Berechne  $\alpha$ ,  $\beta$ ,  $\gamma$  und  $\delta$ !

$f \parallel AB$



$$\alpha = 180^\circ - 140^\circ = 40^\circ$$

**Wechselwinkel!!!!**

$$\alpha = \delta = 40^\circ$$

$$\gamma = 180^\circ - 30^\circ - \delta = 180^\circ - 30^\circ - 40^\circ = 110^\circ$$

$$\beta = 180^\circ - \alpha - \gamma = 180^\circ - 40^\circ - 110^\circ = 30^\circ$$