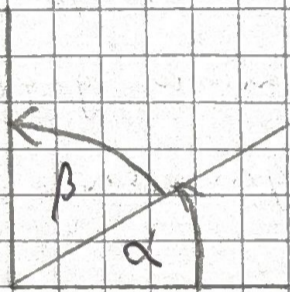


Supplementwinkel, Nebenwinkel, Ergänzungswinkel



$$\alpha + \beta = 180^\circ$$

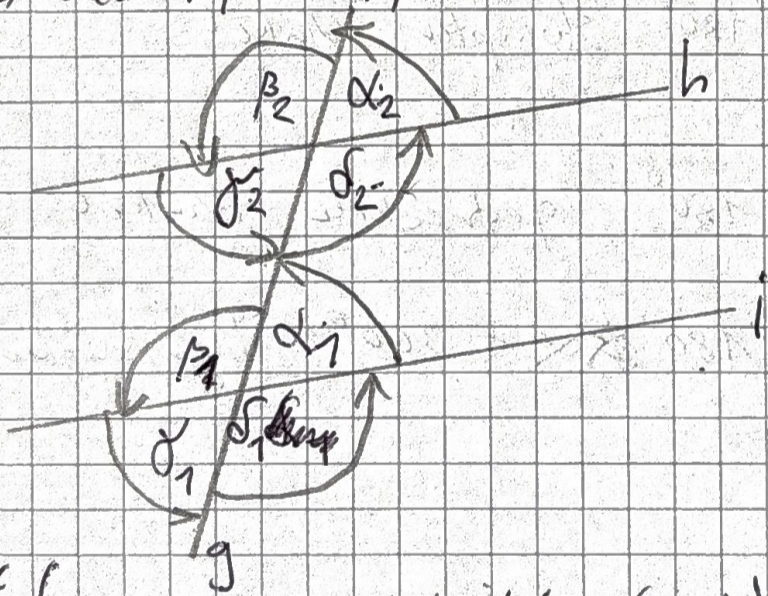
Komplementwinkel



$$\beta + \alpha = 90^\circ$$

Stufenwinkel / Wechselwinkel

(Erkennbar an den Pfeilen)



Stufenwinkel

$$\alpha_1 = \alpha_2$$

$$\gamma_1 = \gamma_2$$

$$\beta_1 = \beta_2$$

$$\delta_1 = \delta_2$$

Wechselwinkel

$$\alpha_1 = \gamma_2$$

$$\gamma_1 = \alpha_2$$

$$\delta_1 = \beta_2$$

$$\beta_1 = \delta_2$$

Supplementwinkel

(Hier entgegengesetzte Winkel an Geraden)

~~$$\beta_1 + \gamma_2 = 180^\circ$$~~

$$\beta_1 + \gamma_2 = 180^\circ$$

~~$$\alpha_1 + \delta_2 = 180^\circ$$~~

$$\alpha_1 + \delta_2 = 180^\circ$$

~~$$\gamma_1 + \beta_2 = 180^\circ$$~~

$$\gamma_1 + \beta_2 = 180^\circ$$

~~$$\delta_1 + \alpha_2 = 180^\circ$$~~

$$\delta_1 + \alpha_2 = 180^\circ$$