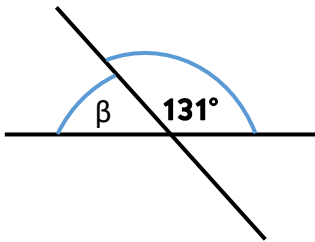


# Winkelbetrachtungen 1 (Lösung)

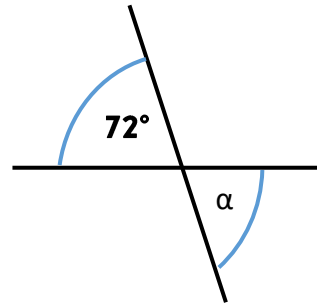
Gib die Größen der bezeichneten Winkel an und begründe deine Entscheidung!

(es gilt:  $g \parallel h$ )

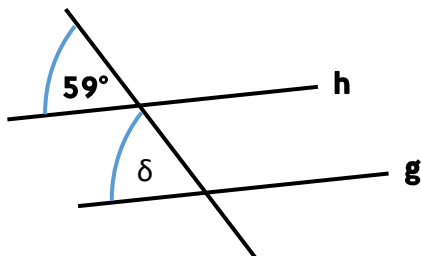
- a) Winkel + Nebenwinkel =  $180^\circ$   
 $131 + \underline{49^\circ} = 180^\circ$



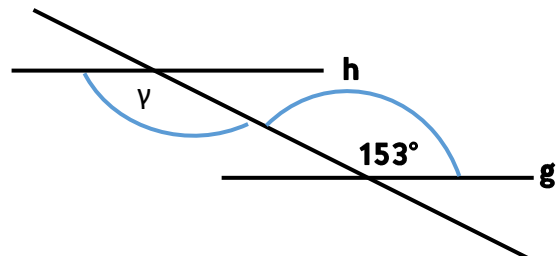
- b) Winkel = Scheitelwinkel  
 $72^\circ = \underline{72^\circ}$



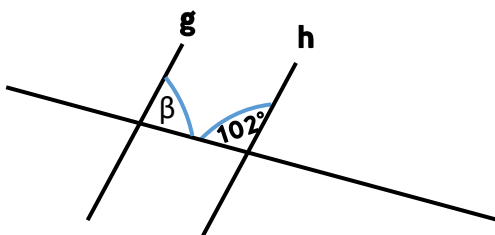
- c) Stufenwinkel = Stufenwinkelwinkel  
 $59^\circ = \underline{59^\circ}$



- d) Wechselwinkel = Wechselwinkel  
 $153^\circ = \underline{153^\circ}$



- e) Winkel + Nebenwinkel =  $180^\circ$   
Stufenwinkel = Stufenwinkel  
 $102^\circ + 78^\circ = 180^\circ$      $78^\circ = 78^\circ$



- f) Winkel + Nebenwinkel =  $180^\circ$   
 $90^\circ + 90^\circ = 180^\circ$

