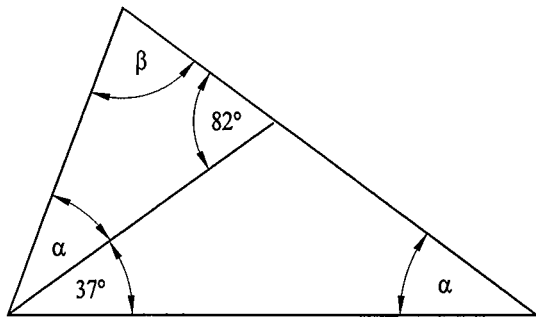


Übung: Winkelberechnungen - 1. Teil

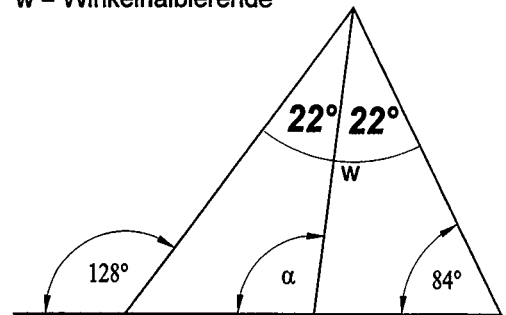
1.



$\alpha = 45^\circ$

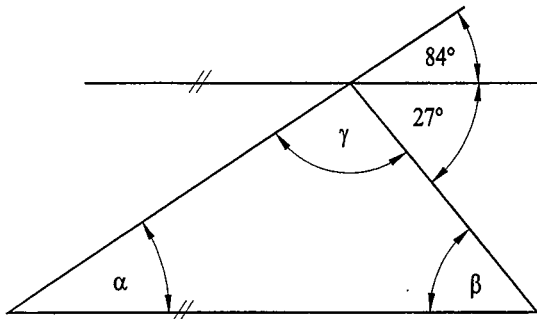
$\beta = 53^\circ$

2. $w =$ Winkelhalbierende



$\alpha = 84^\circ + 22^\circ = 106^\circ$

3.

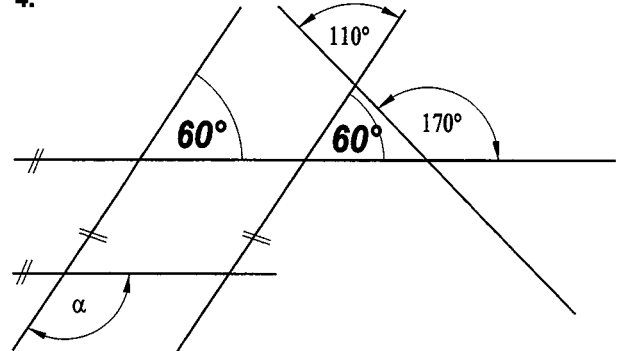


$\alpha = 84^\circ$

$\beta = 27^\circ$

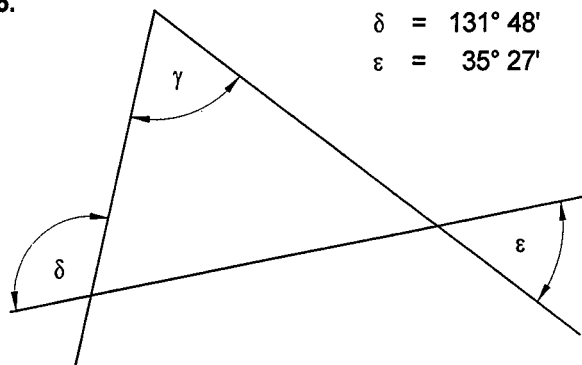
$\gamma = 69^\circ$

4.



$\alpha = 180^\circ - 60^\circ = 120^\circ$

5.

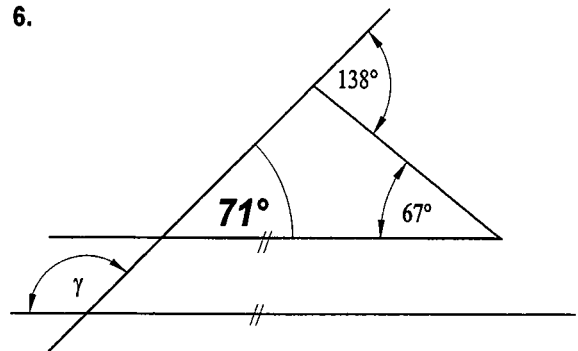


$\delta = 131^\circ 48'$

$\epsilon = 35^\circ 27'$

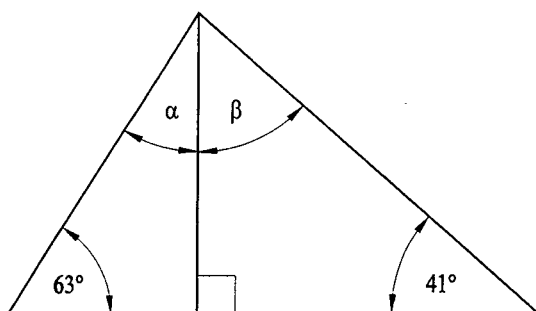
$\gamma = 131^\circ 48' - 35^\circ 27' = 96^\circ 21'$

6.



$\gamma = 180^\circ - 71^\circ = 109^\circ$

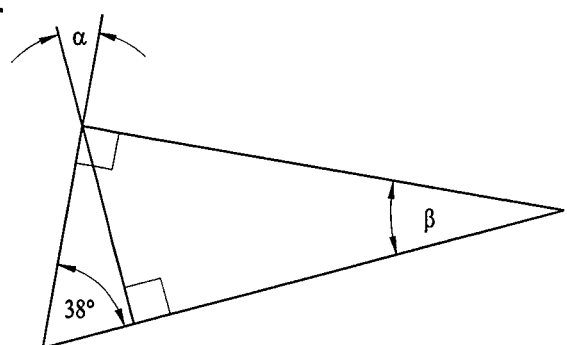
7.



$\alpha = 90^\circ - 63^\circ = 27^\circ$

$\beta = 90^\circ - 41^\circ = 49^\circ$

8.



$\alpha = 90^\circ - 38^\circ = 52^\circ$

$\beta = 52^\circ$