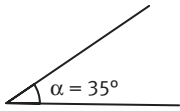


## Startklar

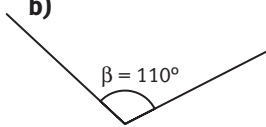
### Winkel zeichnen und messen

K4/5

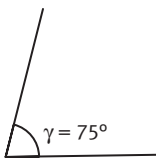
1 a)



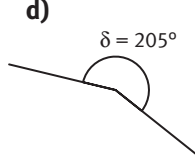
b)



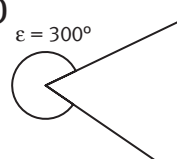
c)



d)



e)



K4/5

2 a)  $\alpha = 60^\circ$

b)  $\beta = 74^\circ$

c)  $\gamma = 162^\circ$

d)  $\delta = 85^\circ$

### Innenwinkelsumme im Dreieck und Außenwinkelsatz

K4

3 a)  $\gamma = 75^\circ$

b)  $\gamma = 56^\circ$

c)  $\alpha = 44^\circ$

d)  $\gamma = 62^\circ$

e)  $\beta = \gamma = 82^\circ$

f)  $\alpha = 80^\circ; \beta = 40^\circ$

g)  $\alpha = 68^\circ; \gamma = 37^\circ$

h)  $\alpha = \beta = \gamma = 60^\circ$

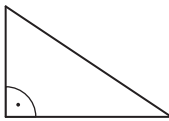
i)  $\beta = 116^\circ; \gamma = 32^\circ$

### Dreiecksarten und ihre Besonderheiten

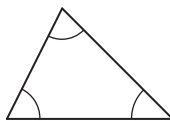
K4/6

4 Lösungsmöglichkeiten:

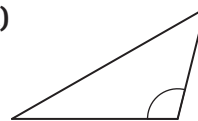
a)



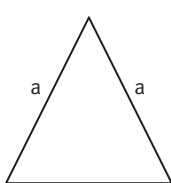
b)



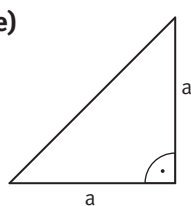
c)



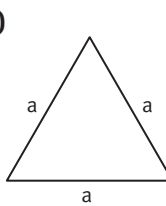
d)



e)



f)



### Besondere Linien im Dreieck

K1/6

5 A - 2

B - 3

C - 1