

## 2. KOTI ŠTIRIKOTNIKA

1. a)  $\alpha = 60^\circ$ ,  $\beta = 66^\circ$ ,  $\gamma = 103^\circ$ ,  $\delta = 131^\circ$   
b)  $\alpha_1 = 120^\circ$ ,  $\beta_1 = 114^\circ$ ,  $\gamma_1 = 77^\circ$ ,  $\delta_1 = 49^\circ$   
c)  $\alpha + \beta + \gamma + \delta = 360^\circ$   
č)  $\alpha_1 + \beta_1 + \gamma_1 + \delta_1 = 360^\circ$
2. a)  $\varphi = 75^\circ$     b)  $\varphi = 95^\circ$     c)  $\alpha = 95^\circ$     č)  $\alpha = 115^\circ$
3. a)  $\beta = 80^\circ$ ,  $\gamma = 85^\circ$   
b)  $\alpha = 125^\circ$ ,  $\beta = 80^\circ$ ,  $\delta = 105^\circ$ ,  $\gamma = 50^\circ$   
c)  $\alpha = 35^\circ$ ,  $\beta = 60^\circ$ ,  $\delta = 215^\circ$ ,  $\gamma = 50^\circ$   
č)  $\beta = 75^\circ$ ,  $\delta = 65^\circ$ ,  $\gamma = 85^\circ$   
d)  $\beta = 50^\circ$ ,  $\alpha = 130^\circ$ ,  $\gamma = 40^\circ$   
e)  $\alpha = 30^\circ$ ,  $\beta = 72^\circ$ ,  $\gamma = 108^\circ$ ,  $\delta = 48^\circ$