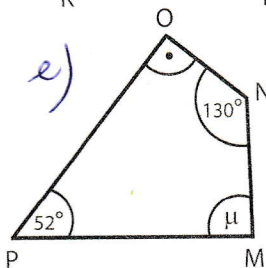
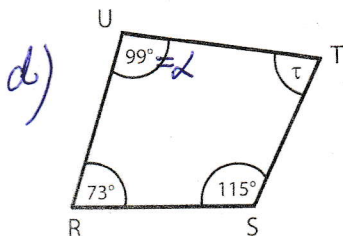
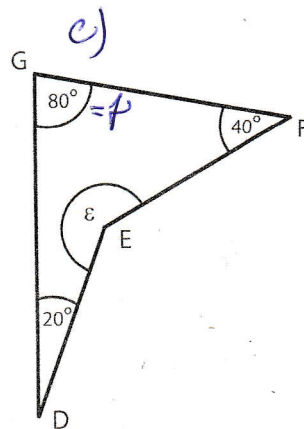
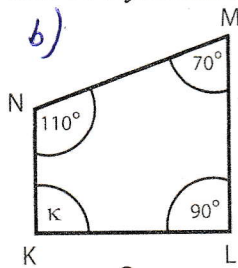
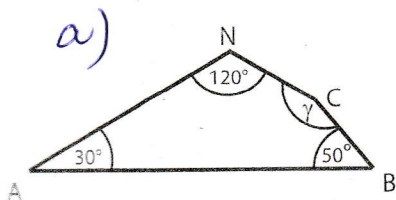


5. Dopačítej velikosti zbývajících vnitřních úhlů ve čtyřúhelnících.



a)  $\alpha = 30^\circ$   
 $\beta = 50^\circ$   
 $\nu = 120^\circ$   
 $\phi = ?$

$$\alpha + \beta + \phi + \nu = 360^\circ$$

$$\phi = 360^\circ - (30^\circ + 50^\circ + 120^\circ)$$

$$\phi = 360^\circ - 200^\circ$$

$$\phi = 160^\circ$$

b)  $\lambda = 90^\circ$   
 $\mu = 70^\circ$   
 $\nu = 110^\circ$   
 $\kappa = ?$

$$\kappa + \lambda + \mu + \nu = 360^\circ$$

$$\kappa = 360^\circ - (90^\circ + 70^\circ + 110^\circ)$$

$$\kappa = 90^\circ$$

c)  $\delta = 20^\circ$   
 $\varphi = 40^\circ$   
 $\theta = 80^\circ$   
 $\epsilon = ?$

$$\delta + \epsilon + \varphi + \theta = 360^\circ$$

$$\epsilon = 360^\circ - (20^\circ + 40^\circ + 80^\circ)$$

$$\epsilon = 220^\circ$$

d)  $\rho = 73^\circ$   
 $\sigma = 115^\circ$   
 $\alpha = 99^\circ$   
 $\tau = ?$

$$\rho + \sigma + \alpha + \tau = 360^\circ$$

$$\tau = 360^\circ - (73^\circ + 115^\circ + 99^\circ)$$

$$\tau = 73^\circ$$

e)  $\pi = 52^\circ$   
 $\nu = 130^\circ$   
 $\omicron = 90^\circ$   
 $\mu = ?$

$$\pi + \mu + \nu + \omicron = 360^\circ$$

$$\mu = 360^\circ - (52^\circ + 130^\circ + 90^\circ)$$

$$\mu = 88^\circ$$