

[Remarks:](#) See §3.1.2 and §3.1.3, page 55 till 57

[Answers:](#)

$$R_x = +5 \text{ kN}; R_y = -25 \text{ kN}$$

$$R = 5\sqrt{26} \text{ kN} = 25,5 \text{ kN}$$

$$\alpha = 281,3^\circ \text{ (} \alpha \text{ is the angle that R makes with the positive x-axle )}$$