

[Remarks:](#) See § 2.1, page 24 till 27

[Answers:](#)

a. Measured from the force polygon:

$$R \approx 11 \text{ kN}$$

Angle that R makes with the positive x-axle: $\approx 47^\circ$

b. $R_x = +7,5 \text{ kN}$

$$R_z = +8,0 \text{ kN}$$

$$R = +11,0 \text{ kN}$$

Angle that R makes with the positive x-axle: $46,8^\circ$