

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

[Answers:](#)

a. $R_x = -1 \text{ kN}$; $R_y = +3 \text{ kN}$

$$R = \sqrt{10} \text{ kN}$$

Angle that R makes with the positive x-axle: $108,4^\circ$

b. Draw the force polygon and determine the values.