ANSWERS – VOLUME 1: EQUILIBRIUM

Chapter 2, Statics of a Particle

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 kN

Angle that R makes with the positive x-axle: 46.8°

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