ANSWERS - VOLUME 1: EQUILIBRIUM

Chapter 3, Statics of a Rigid Body

problem 3.4, page 99

Remarks: See §3.1.2 and §3.1.3, page 55 till 57

Answers:

$$R = 10\sqrt{10} \text{ kN} = 31,6 \text{ kN}$$

 $R/\!/F_2$ and in the same direction as F_2

The action line of R intersects AB 8 m to the right of A ($4\,\text{m}$ to the right of B)

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