Remarks: See §9.3.1, page 337 till 351.

Answers:

$N = +200\sqrt{2}$ kN $= +282{,}84$ kN

Hints:

Look at the horizontal force equilibrium of the part above or under a cut through the bold printed member.

Additional answers:

Recognize a three hinged frame:

- Vertical support reactions: 300 kN
- Horizontal support reactions: 200 kN