

Remarks: [See §14.3, page 679 till 694](#)

[Answers:](#)

14.57-2:

- b. Normal force in the girder = 17.6 kN
- c. $A_h = 17.6 \text{ kN} \rightarrow$
 $A_v = 39.6 \text{ kN} \uparrow$
 $B_h = 17.6 \text{ kN} \leftarrow$
 $B_v = 48.4 \text{ kN} \uparrow$
- d. Moment in the left corner = 70.4 kNm
Moment in the right corner = 105.6 kNm

14.57-4:

- b. Normal force in the girder = 12 kN
- c. $A_h = 12 \text{ kN} \rightarrow$
 $A_v = 41 \text{ kN} \uparrow$
 $B_h = 12 \text{ kN} \leftarrow$
 $B_v = 47 \text{ kN} \uparrow$
- d. Moment in the left corner = 48 kNm
Moment in the right corner = 72 kNm