

[Remarks:](#) See §3.2, page 71 till 80

[Answers:](#)

1a.  $N = 0$ ;  $V = +18 \text{ kN}$ ;  $M = +18 \text{ kNm}$

1b.  $N = 0$ ;  $V = +8 \text{ kN}$ ;  $M = +13 \text{ kNm}$

2a.  $N = 0$ ;  $V = -13 \text{ kN}$ ;  $M = -13 \text{ kNm}$

2b.  $N = 0$ ;  $V = -23 \text{ kN}$ ;  $M = -18 \text{ kNm}$

3a.  $N = 0$ ;  $V = +13 \text{ kN}$ ;  $M = +31 \text{ kNm}$

3b.  $N = 0$ ;  $V = +3 \text{ kN}$ ;  $M = +26 \text{ kNm}$

4a.  $N = +5 \text{ kN}$ ;  $V = -13 \text{ kN}$ ;  $M = +5 \text{ kNm}$

4b.  $N = +5 \text{ kN}$ ;  $V = -23 \text{ kN}$ ;  $M = 0$