Remarks: See §5.6, page 184 till 186

Answers: All forces in kN and moments in kNm

The normal force in a bar positive as a tensile force and negative as a compressive force

1a. $A_h = 0$; $A_v = B_v = 0,5F$ ($\uparrow$) ;

1b $N^{(a)} = N^{(c)} = -1,25F$

$N^{(b)} = +1,5F$

2a. $A_h = 0$; $A_v = \frac{1}{6}F = 0,17F$ ($\uparrow$) ; $B_v = \frac{5}{6}F = 0,83F$ ($\uparrow$)

2b. $N^{(a)} = N^{(c)} = -\frac{5}{12}F = -0,42F$

$N^{(b)} = +0,5F$