Remarks: See §6.3.1, page 219 till 223
Also see §5.5, example 2 on page 180

Replace the distributed load by its resultant on the part where the equilibrium is taken in consideration.

Signs for $N^{(DE)}$, the force in bar DE:

- Positive as a tensile force
- Negative as a compressive force

Answers:

a. $A_v = 11$ kN $(\uparrow)$; $B_h = 8$ kN $(\leftarrow)$; $B_v = 5$ kN $(\uparrow)$

b. $N^{(DE)} = +4$ kN