Remarks: See §5.1, page 154 till 162
And the examples 2 on page 155

Hints:

Find B_h from the moment equilibrium about A.
Find B_v from the direction of two-force member BC
Find the support reactions in A from horizontal and vertical equilibrium

Answers:

a. $A_h = 1\ \text{kN}\ (\leftarrow)$; $A_v = 0{,}5\ \text{kN}\ (\uparrow)$
$B_h = 1\ \text{kN}\ (\rightarrow)$; $B_v = 1\ \text{kN}\ (\uparrow)$

b. $A_h = 0{,}5\ \text{kN}\ (\leftarrow)$; $A_v = 0$
$B_h = 0{,}5\ \text{kN}\ (\rightarrow)$; $B_v = 0{,}5\ \text{kN}\ (\uparrow)$

c. $A_h = 1{,}5\ \text{kN}\ (\leftarrow)$; $A_v = 0{,}5\ \text{kN}\ (\uparrow)$
$B_h = 1{,}5\ \text{kN}\ (\rightarrow)$; $B_v = 1{,}5\ \text{kN}\ (\uparrow)$

Opmerking:
In case of load combination c you can also superposition load combinations a and b.

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