

Remarks: See §5.1, page 154 till 162

Also see §3.2 and the example on page 79

Answers:

1. $A_v = 10 \text{ kN } (\uparrow)$; $B_v = 10 \text{ kN } (\uparrow)$; $B_h = 20 \text{ kN } (\rightarrow)$

2. $A_v = 10 \text{ kN } (\downarrow)$; $B_v = 30 \text{ kN } (\uparrow)$; $B_h = 20 \text{ kN } (\leftarrow)$

3. $A_v = 20 \text{ kN } (\uparrow)$; $B_v = 0$; $B_h = 20 \text{ kN } (\rightarrow)$

4. $A_v = 0$; $B_v = 20 \text{ kN } (\uparrow)$; $B_h = 20 \text{ kN } (\leftarrow)$