

Remarks: See §12.1, page 462 till 493

Answers:

12.21-1:

a. $M_{AC,top} = 100 \text{ kNm}$ 

$M_{CB,top} = 150 \text{ kNm}$ 

b. $M_C = 120 \text{ kNm}$ 

$F_C = 20 \text{ kN}$ 

c. $M_{centre} = 125 \text{ kNm}$ 

12.21-2:

a. $M_{AC,top} = 28 \text{ kNm}$ 

$M_{CB,top} = 102 \text{ kNm}$ 

b. $M_C = 24 \text{ kNm}$ 

$V_C = 52 \text{ kN}$ 

c.

