

[Remarks:](#) See §3.2, page 71 till 80

[Hints:](#)

Out of the moment equilibrium about the middle of the diagonal side you can find $F_{//AC}$. With the help of a force polygon you can find the other two forces

[Answers:](#)

$$F_{//AC} = 9 \text{ kN (} \leftarrow \text{)}$$

$$F_{//AB} = 9,6 \text{ kN (} \swarrow \text{)}$$

$$F_{\perp AB} = 7,2 \text{ kN (} \searrow \text{)}$$