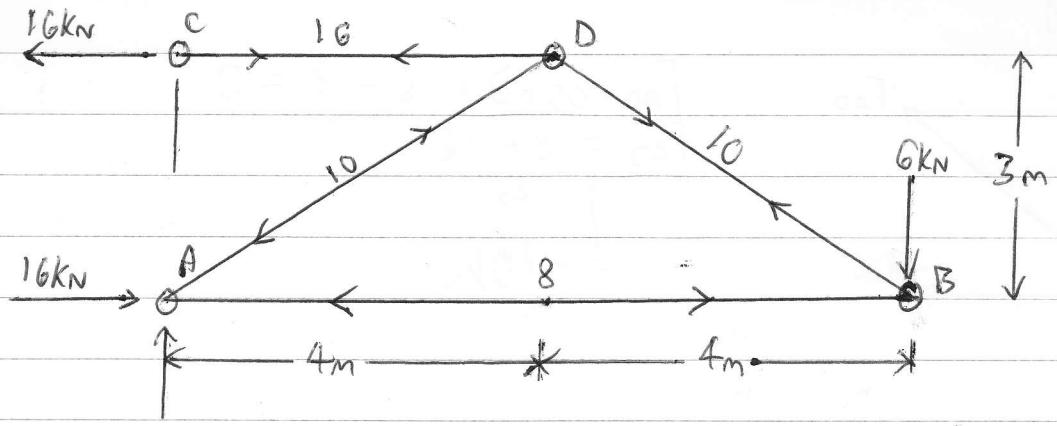


$$\sum M_A = 0,$$

$$3H_C + (6 \times 8) = 0$$

$$H_C = \frac{-6 \times 8}{3}$$

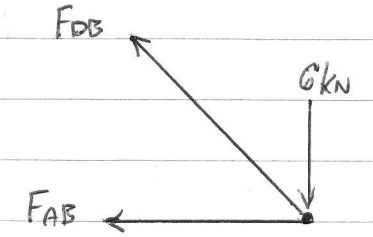
$$= -16\,kN$$

$$\sum F_x = 0,$$

$$H_A = -H_C$$

$$= 16\,kN$$

Joint B



$$F_{DB}\cos DB - 6 = 0$$

$$F_{DB} = \frac{6}{3/5}$$

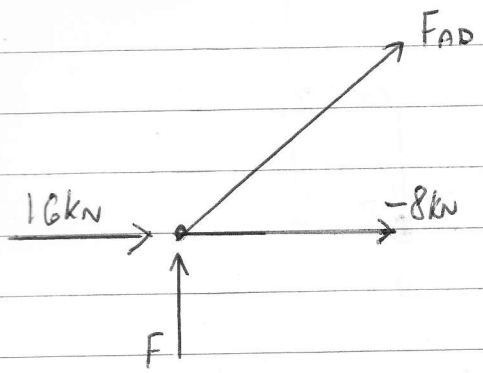
$$= 10\,kN$$

$$-F_{AB} - F_{DB}\cos DB = 0$$

$$F_{AB} = -10 \times 4/5$$

$$= -8\,kN$$

Joint A



$$F_{AD}\cos AD + 16 - 8 = 0$$

$$F_{AD} = \frac{8 - 16}{4/5}$$

$$= -10\,kN$$