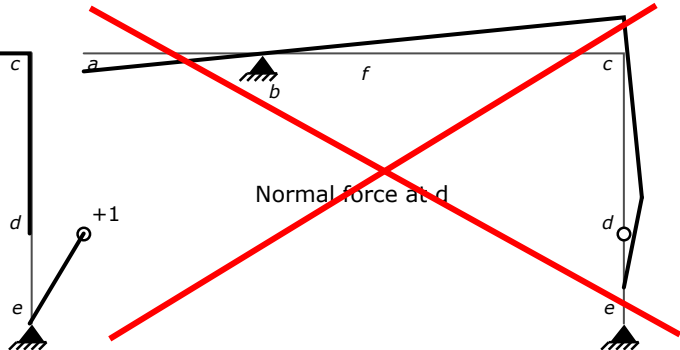
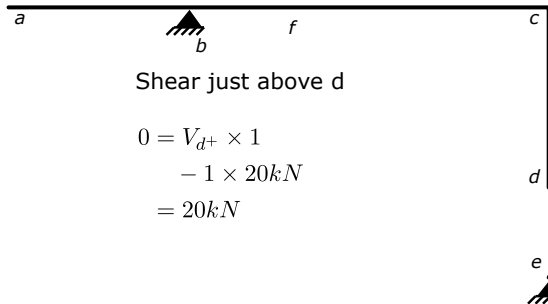
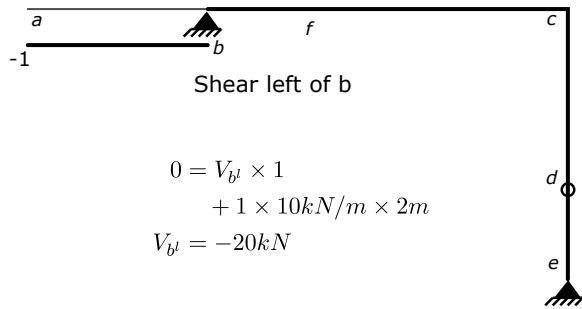
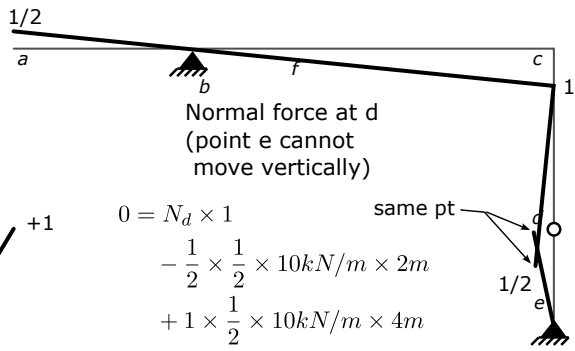
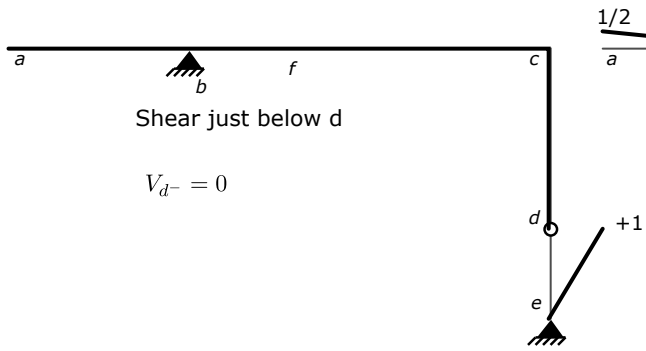


$$V_{br} = 10kN$$



corrected
Nov 6/2012



$$0 = N_d \times 1$$

$$- \frac{1}{2} \times \frac{1}{2} \times 10kN/m \times 2m$$

$$+ 1 \times \frac{1}{2} \times 10kN/m \times 4m$$

$$+ \frac{1}{2} \times \frac{1}{2} \times 20kN$$

$$+ \frac{1}{2} \times 20kN$$

$$= -30kN \quad (\therefore C)$$