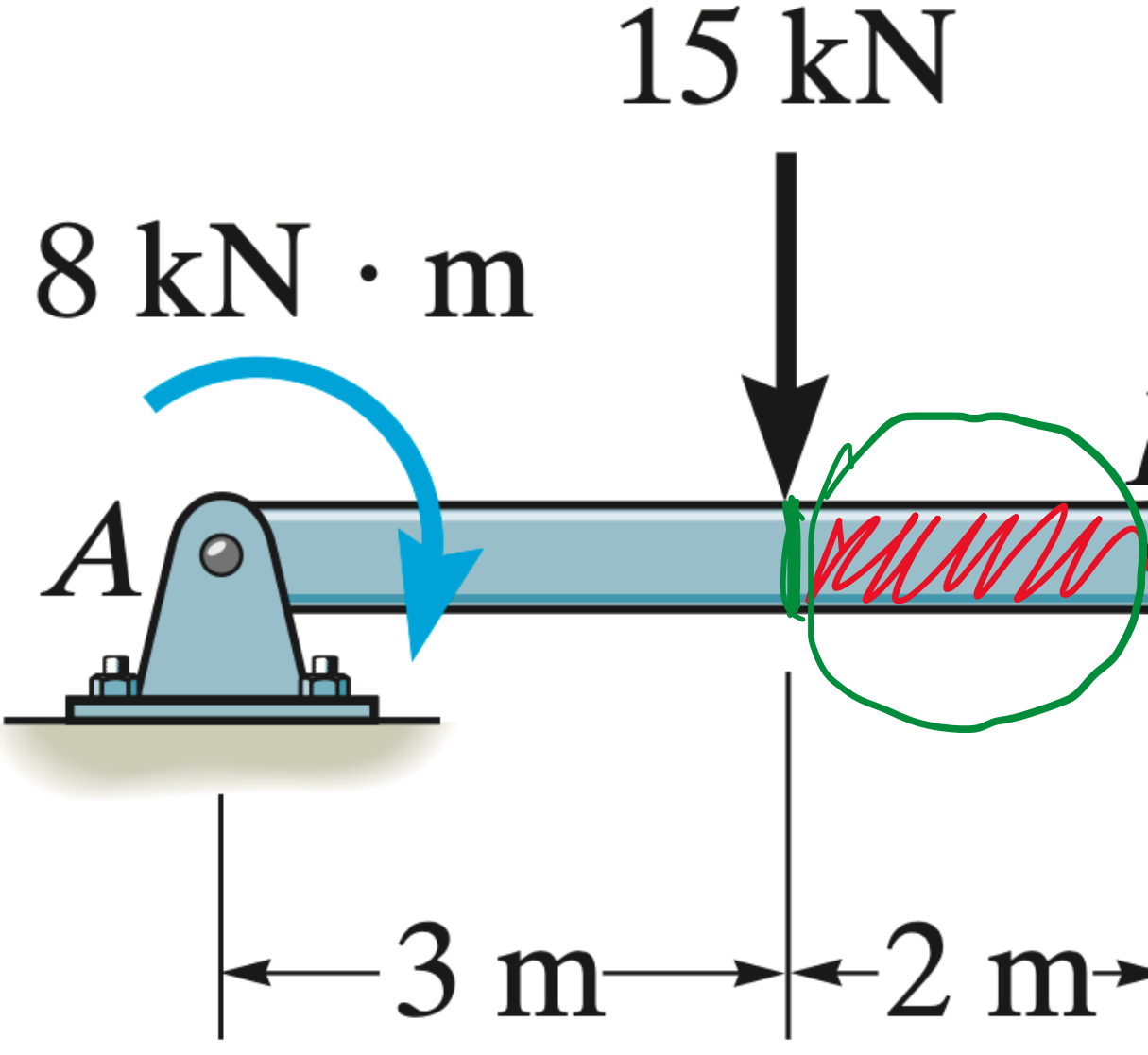
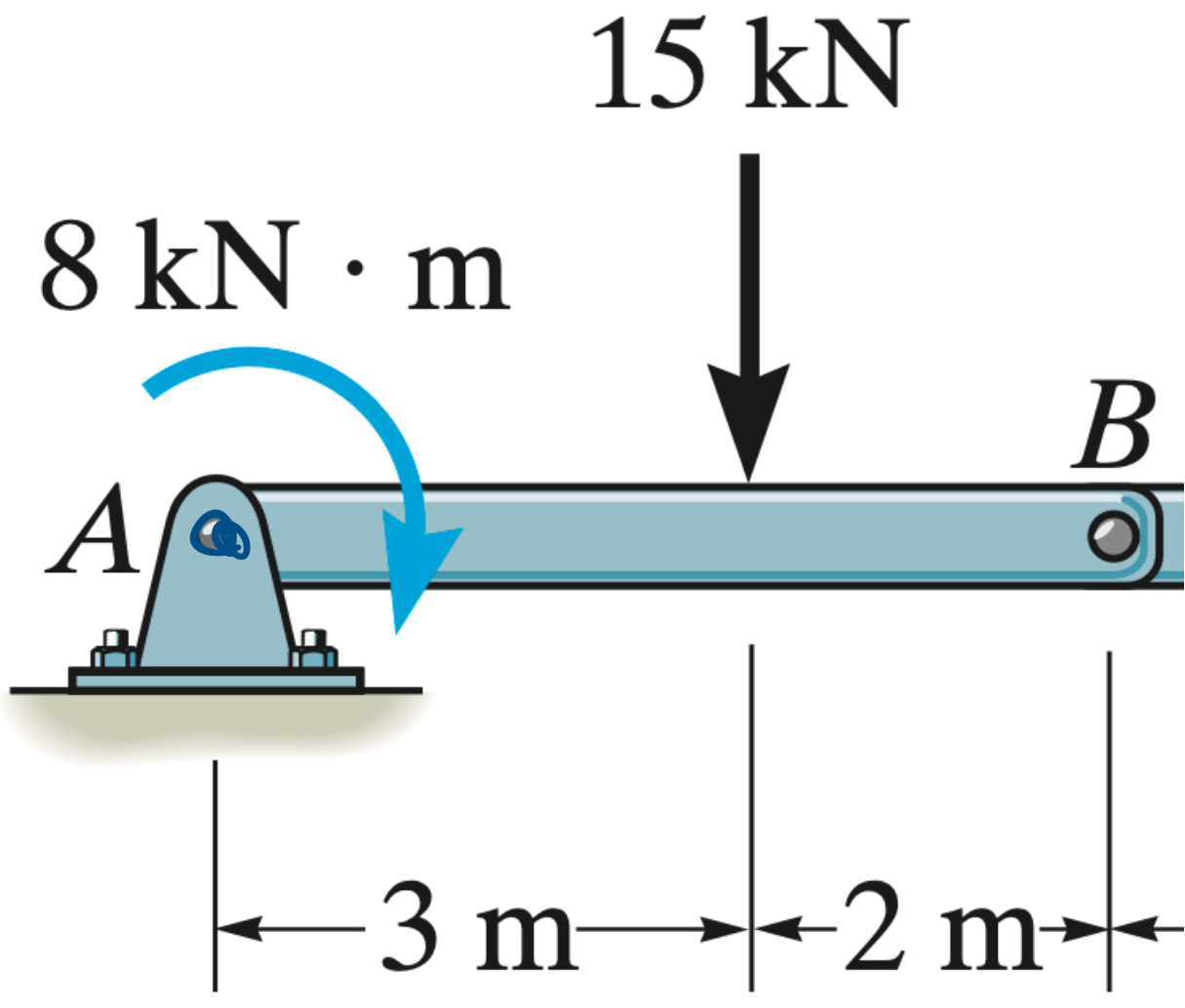


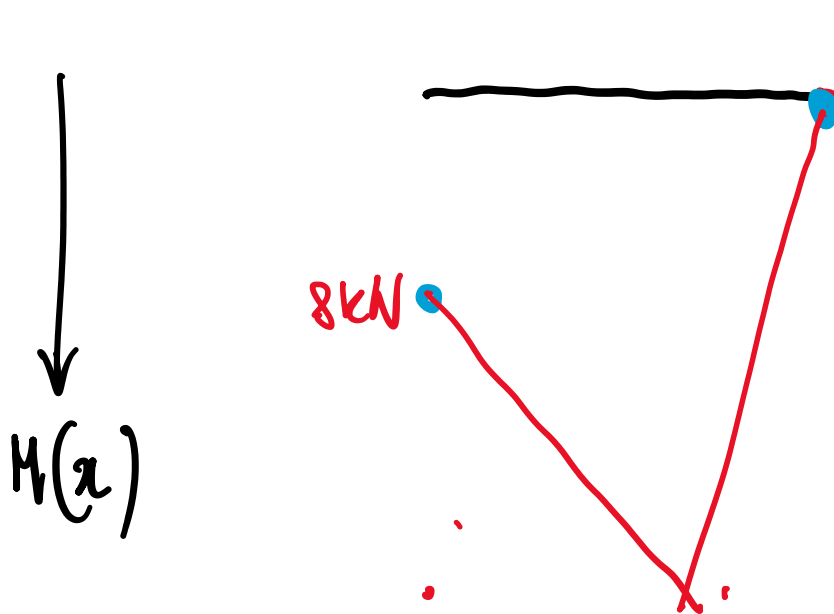
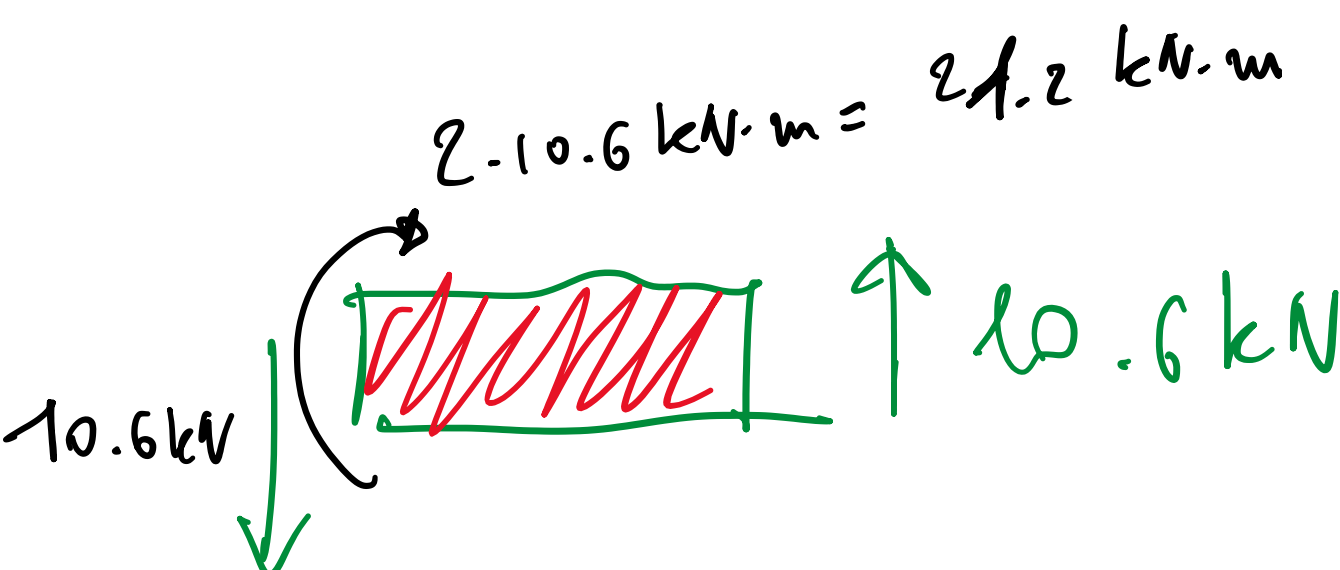
$\Delta V = -P > 0$

$45 \text{ kN}\cdot\text{m} + 8 \text{ kN}\cdot\text{m}$

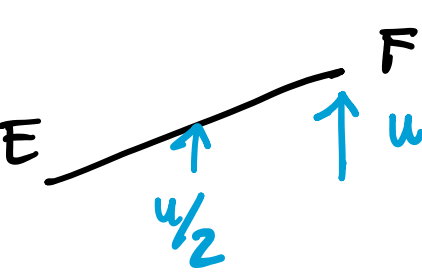
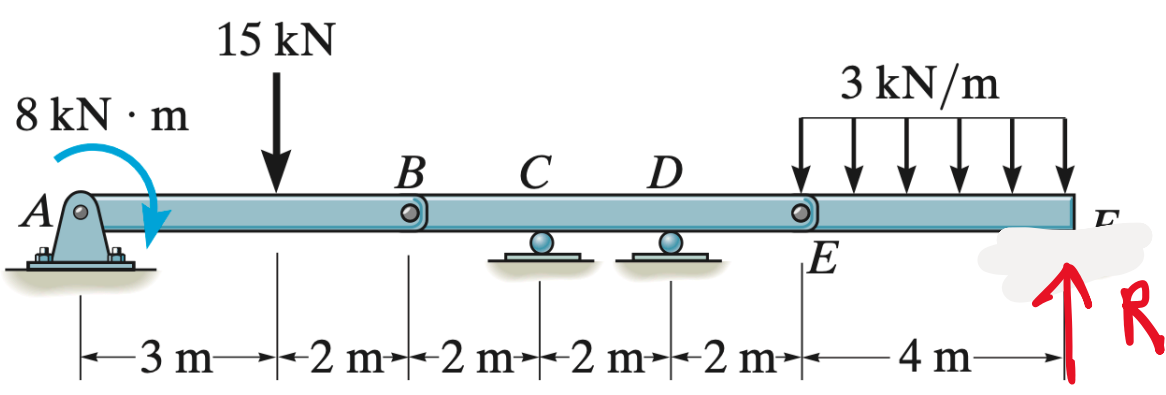
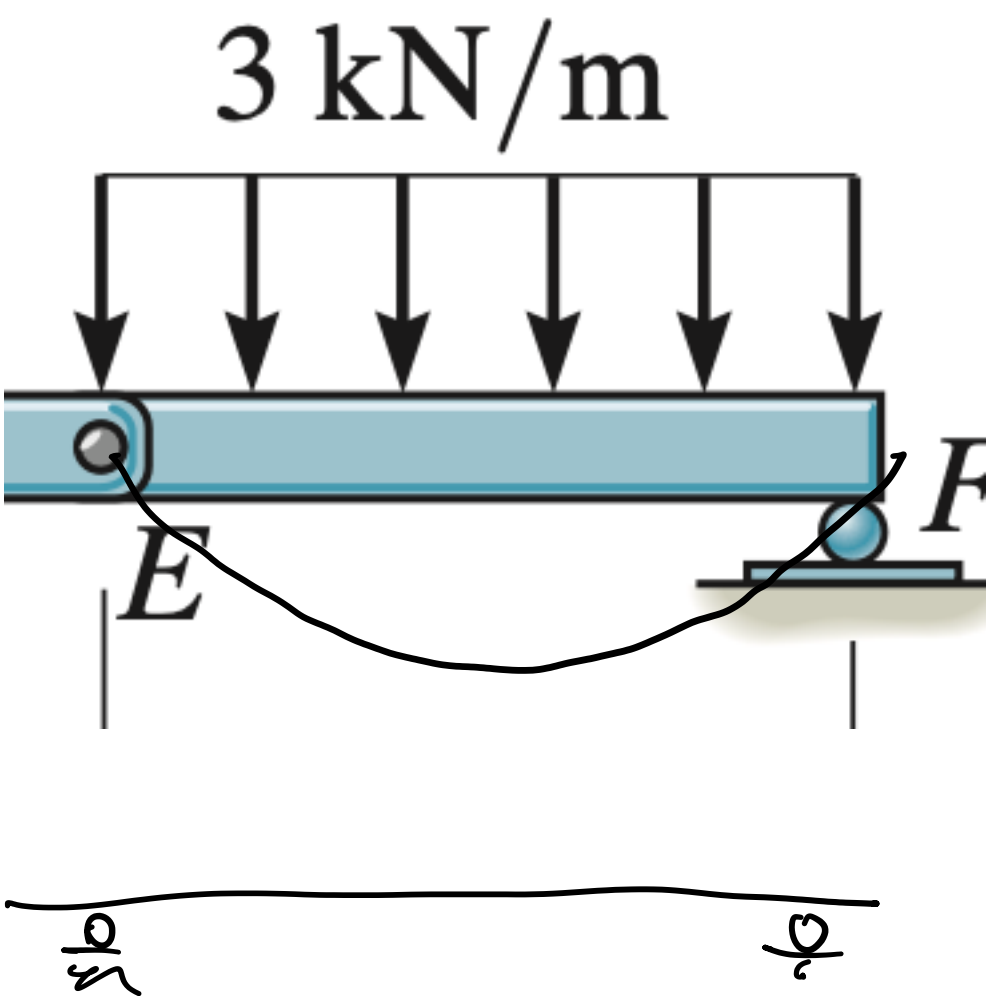
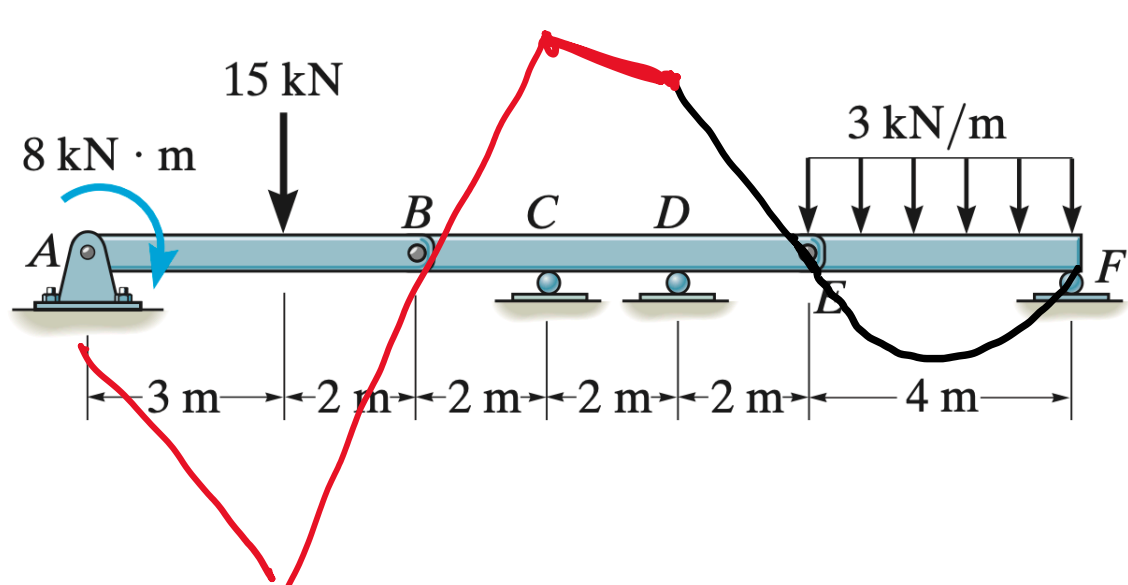
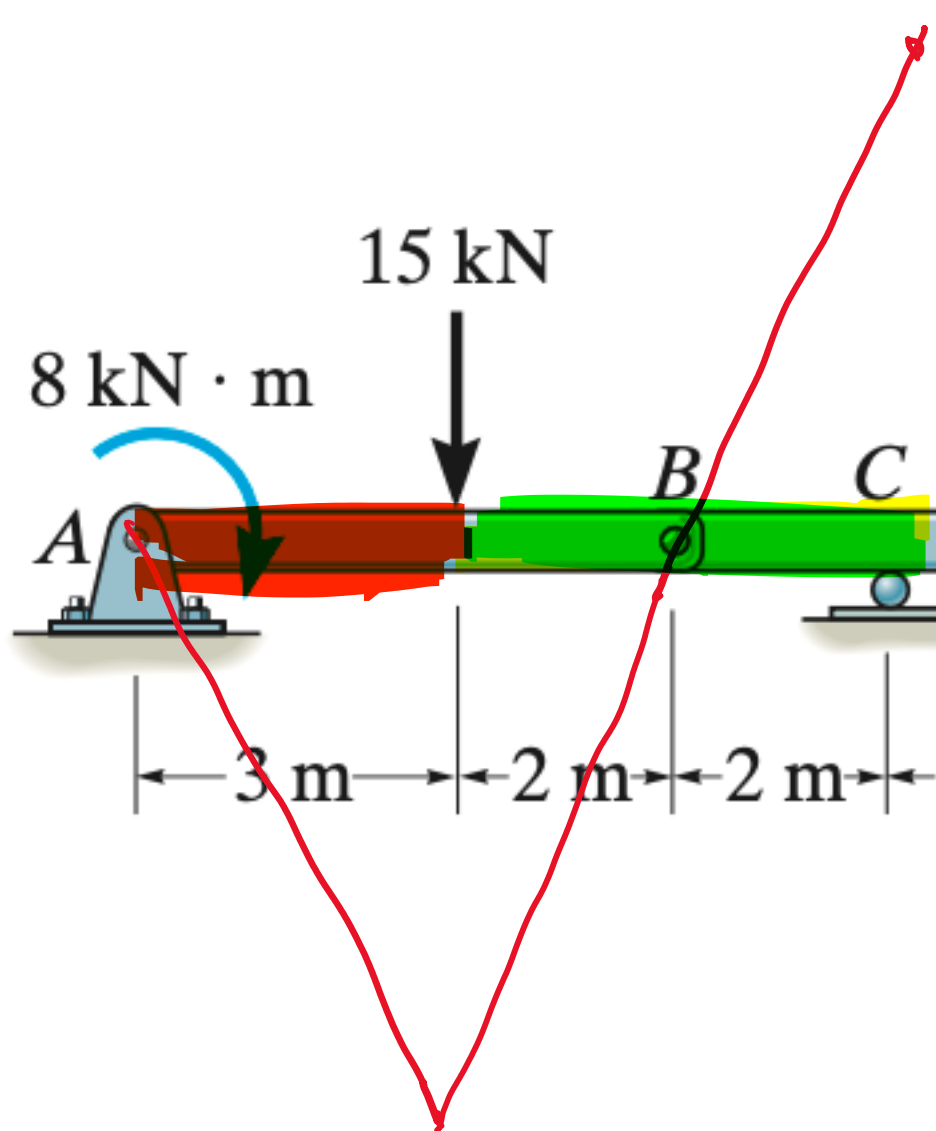


$V(B) \cdot 5 \text{ m} + 15 \text{ kN} \cdot 3 \text{ m} + 8 \text{ kN}\cdot\text{m} = 0$

$V(B) = -10.6 \text{ kN}$

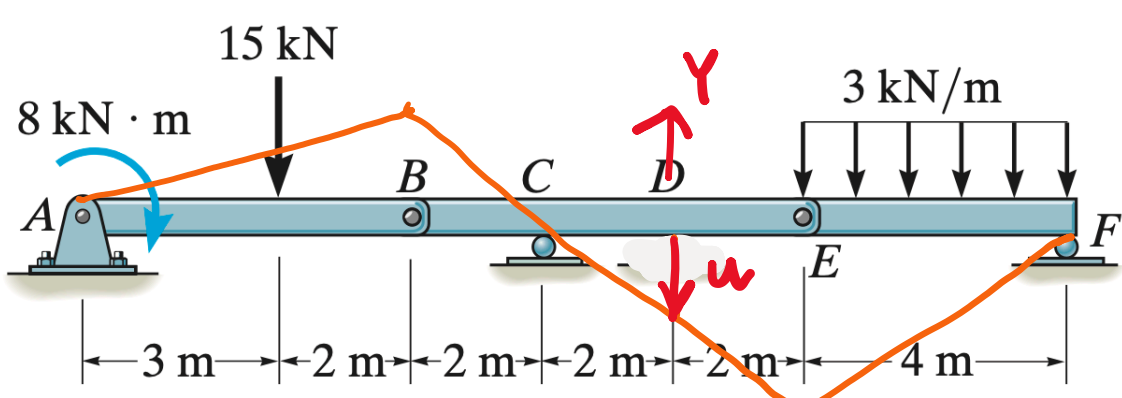
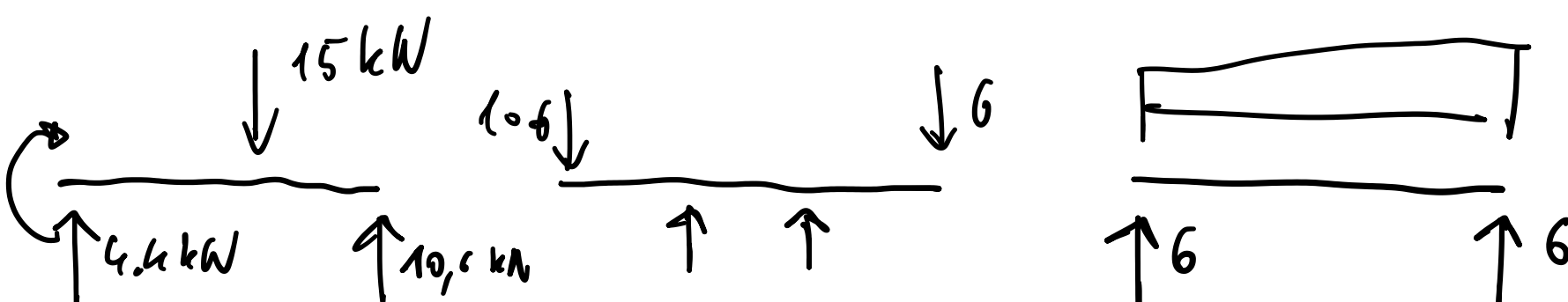


$\Delta V = -P > 0$



$\mathcal{L} = R \cdot u + 3 \cdot 4 \cdot \frac{1}{2}$

$(R + 6)u = 0 \quad \forall u$



$\mathcal{L} = -Y u + F u$