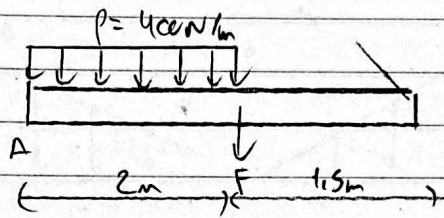


Solution: 21-5-4.9 - MK-03



$$F_R = (400 \text{ N/m})(2 \text{ m}) = 800 \text{ N/m}$$

$$d = (2 \text{ m})\left(\frac{1}{2}\right) = 1 \text{ m}$$