



$$R = \frac{1}{2}(3)(4) = 6 \text{ kN} @ \bar{x} = \frac{2}{3}(3) = 2 \text{ m}$$

$$\sum M_A = 0 : M_A - 6(2) - 2(4.5) = 0, \quad \underline{M_A = 21 \text{ kN}\cdot\text{m}}$$

$$\sum F_y = 0 : A_y - 6 - 2 = 0, \quad \underline{A_y = 8 \text{ kN}}$$

$$\sum F_x = 0 : \underline{A_x = 0}$$

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