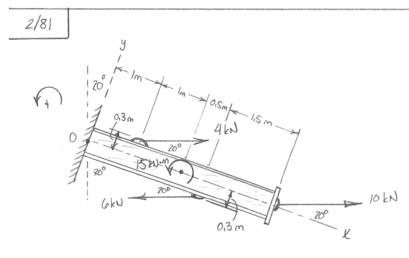
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$$\begin{cases} R = 10 + 4 - 6 \longrightarrow R = 8 \text{ kN} \\ R = 8 \cos 20 \frac{1}{1} + 8 \sin 20 \frac{1}{3} \longrightarrow R = 7.52 \frac{1}{1} + 2.74 \frac{1}{3} \text{ kN} \\ M_0 = 15 + 4 \sin 20 (1) - 6 \sin 20 (2) + 10 \sin 20 (4) - 4 \cos 20 (0.3) - 6 \cos 20 (0.3) \end{cases}$$

$$\therefore M_0 = 22.1 \text{ kN·m CCW}$$

$$\Gamma \times R = M_0 \longrightarrow (ki + yj) \times (7.52i + 2.74j) = 22.1 k$$

k: $2.74k - 7.52y = 22.1$