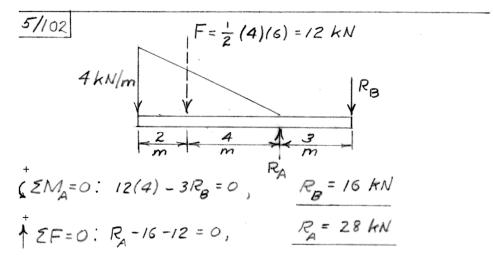
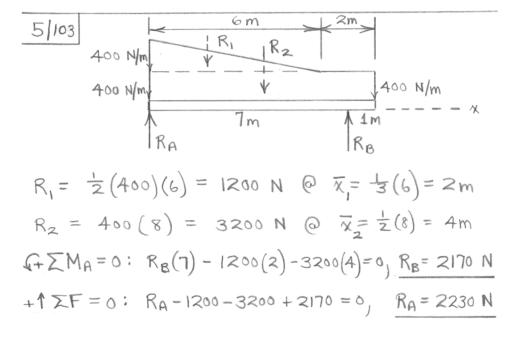
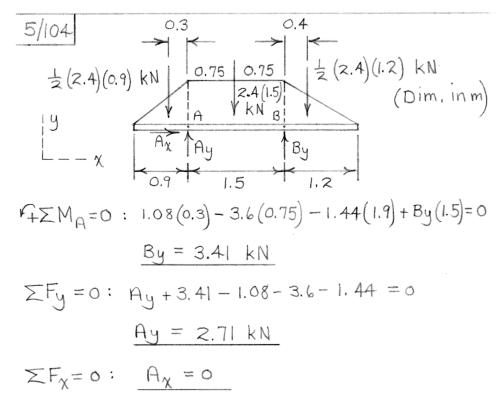
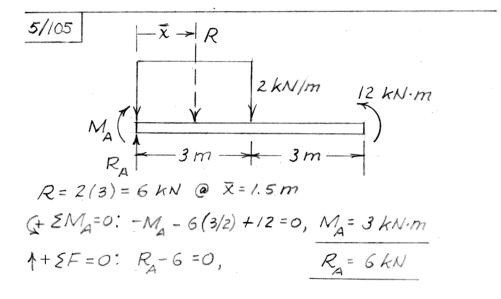
5/101 6 KN/m

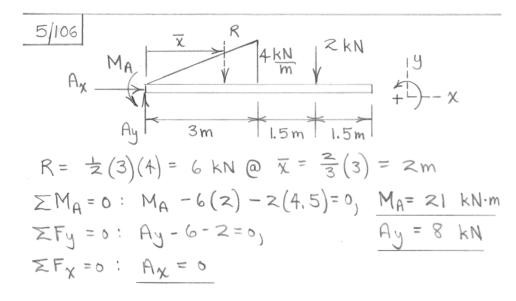
$$R_A = 0.3 \text{ m} + 0.3 \text{ m} + R_B$$
 $R = 6(0.3) = 1.8 \text{ kN} @ $\overline{\chi} = \frac{1}{2}(0.3) = 0.15 \text{ m}$
 $G + \sum M_A = 0 : R_B(0.6) - 1.8(0.15) = 0, R_B = 0.45 \text{ kN}$
 $A + \sum F = 0 : 0.45 - 1.8 + R_A = 0, R_A = 1.35 \text{ kN}$$

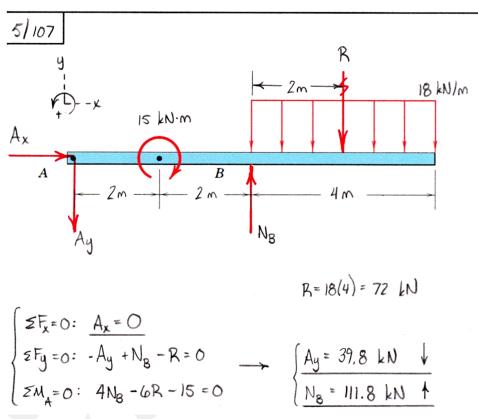


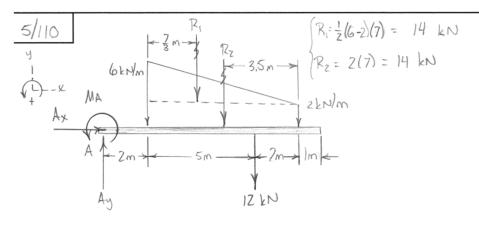








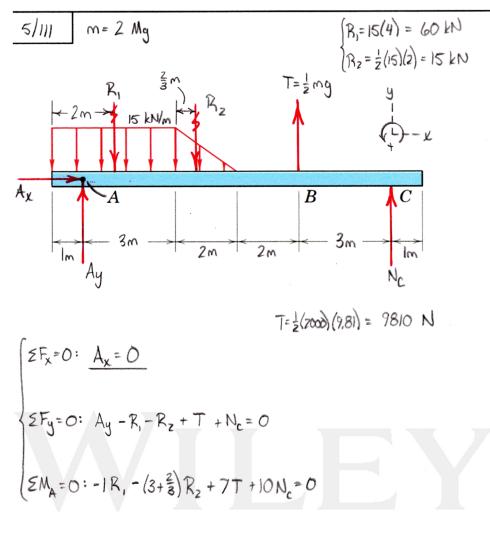




$$\begin{cases} \sum F_{\chi} = 0: & \underline{A_{\chi}} = 0 \\ \\ \sum F_{y} = 0: & \underline{A_{y}} - R_{1} - R_{2} - 12 = 0 \\ \\ \sum M_{A} = 0: & \underline{M_{A}} - (2 + \frac{7}{3})R_{1} - (2 + 3.5)R_{2} - 7(12) = 0 \end{cases}$$

Ay= 40 kN

MA = 222 kN·m CCW



$$\begin{cases} \frac{N_c = 4.63 \text{ kN}}{A_y = 60.6 \text{ kN}} \end{cases}$$

