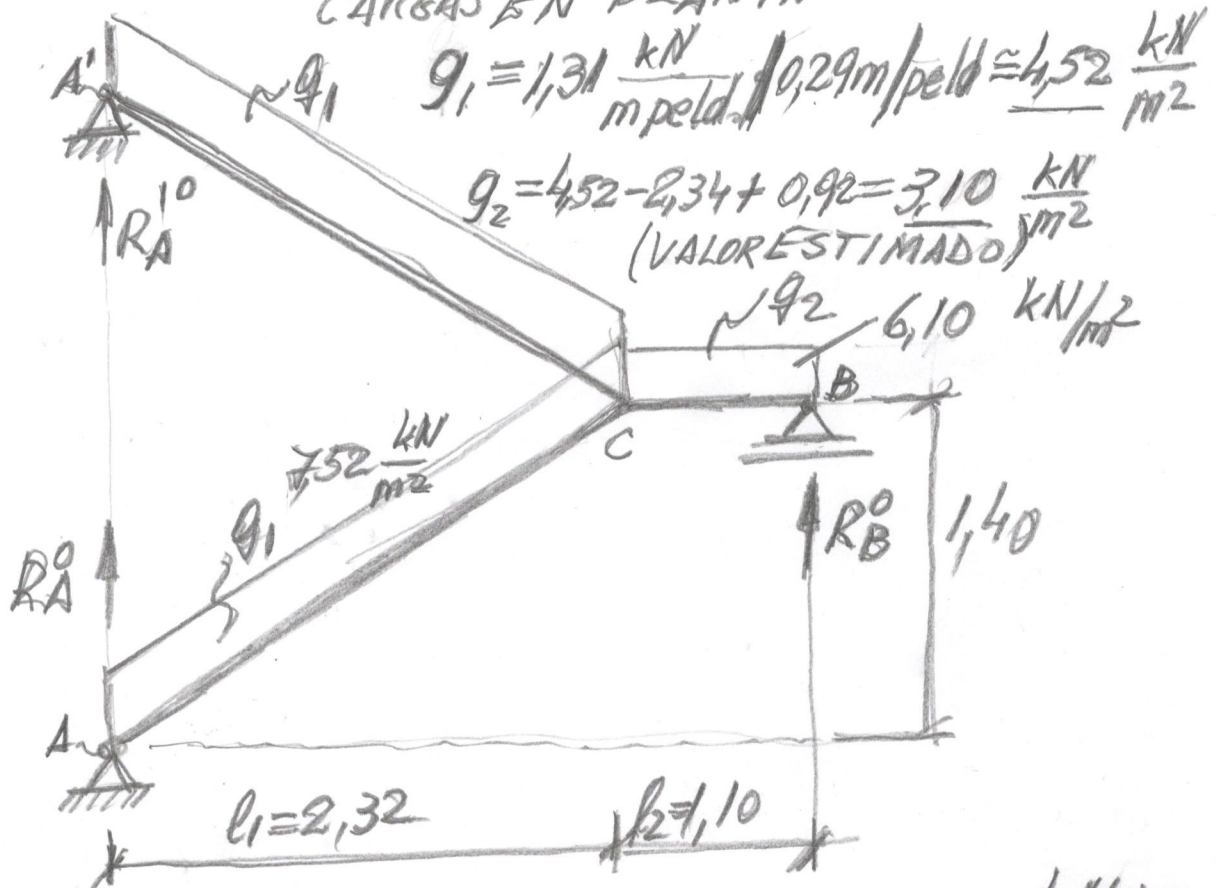


COMIENZA LA RESOLUCIÓN
CARGAS EN PLANTA

E (2)



$$q_1 = q_1 + p = 4,52 \frac{\text{kN}}{\text{m}^2} + 3 \frac{\text{kN}}{\text{m}^2} \approx 7,52 \frac{\text{kN}}{\text{m}^2}$$

$$q_2 = q_2 + p = 3,10 \text{ m} + 3 \text{ m} \approx 6,10 \text{ m}$$

$$R_A^o \text{ ó } R_A^o = 7,52 \frac{\text{kN}}{\text{m}^2} \cdot 2,32 \text{ m} \cdot (2,32 \text{ m} / 2 + 1,1 \text{ m}) / 3,42 \text{ m} + 6,10 \frac{\text{kN}}{\text{m}^2} \cdot 1,1^2 \text{ m}^2 / 2 / 3,42 \text{ m} \approx 12,61 \text{ kN/m}$$

$$R_B^o \text{ ó } R_B^o = (7,52 \frac{\text{kN}}{\text{m}^2} \cdot 2,32^2 \text{ m}^2 / 2 + 6,1 \frac{\text{kN}}{\text{m}^2} \cdot 1,1 \text{ m} \cdot (2,32 \text{ m} + \frac{1,1 \text{ m}}{2})) / 3,42 \text{ m} = 11,55 \text{ kN/m}$$

$$NO \text{ } M_T = (12,6 \frac{\text{kN}}{\text{m}^2})^2 / (2 \cdot 7,52 \frac{\text{kN}}{\text{m}^2}) = 10,56 \text{ kNm/m} \text{ NO}$$

$$M_2^o \text{ ó } M_C^o = 12,6 \frac{\text{kN}}{\text{m}^2} \cdot 2,32 \text{ m} - 7,52 \frac{\text{kN}}{\text{m}^2} \cdot 2,32 \text{ m} / 2 = 8,99 \text{ kNm/m}$$