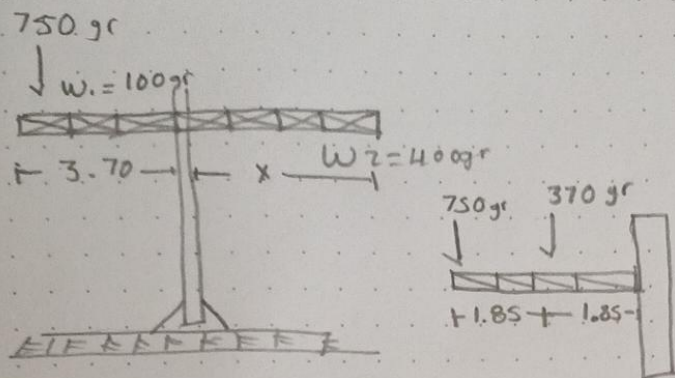




ARQUITECTURA

3SER CUATRIMESTRE

JESSICA YAZMIN LOPEZ PEREZ



$$W = 3.70 \text{ m} = 370 \text{ gr}$$

$$O_p = 3.70 / 2 = 1.85 \text{ m}$$

$$m_1 = 7.50 \text{ gr} \cdot (3.70) = 2775 \text{ gr} \cdot \text{m}$$

$$M_2 = (1.85 \text{ m}) = 684.5 \text{ gr}$$

$$370 \text{ gr} \cdot \frac{3459.5 \text{ gr}}{3459.5 \text{ gr}}$$

$$\frac{\sqrt{2 \text{ mT}}}{W_1} = \frac{\sqrt{2(3459.5)}}{400} = \frac{\sqrt{6919}}{400} = \frac{\sqrt{17.2975}}{400} = 4.159$$

$$W_1 = 400 \text{ gr} / \text{m} \cdot 4.159 \text{ mts} = 1663.6 \text{ gr}$$

$$O_p = 4.159 / 2 = 2.0795 \text{ mts}$$

$$M = 1663.6 \text{ gr} \cdot (2.0795) = 3459.45 \text{ gr}$$