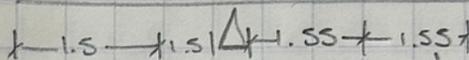
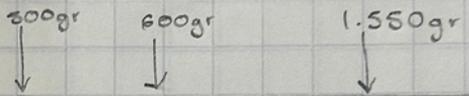
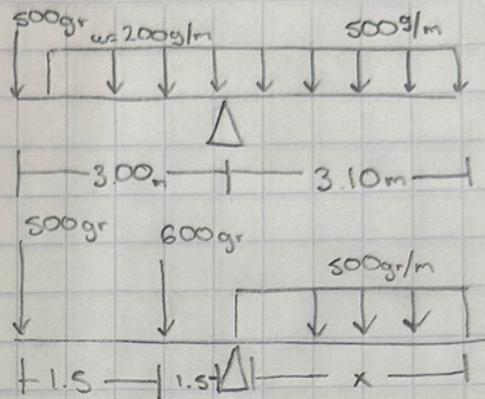
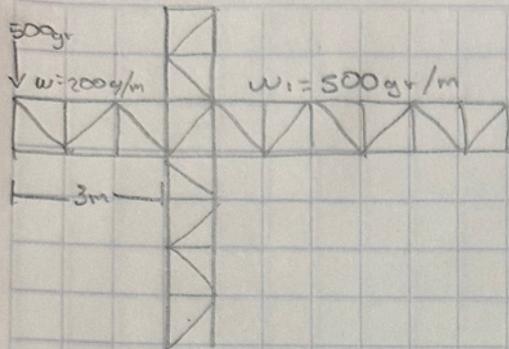




**ESTÁTICA PARA LA ARQUITECTURA**  
**ÁNGEL GABRIEL GRANADOS PÉREZ**  
**4to.PARCIAL**  
**ARQ. PEDRO ALBERTO GARCIA LOPEZ**  
**JULIO 2023**



$$\textcircled{1} w \cdot L = (600 \text{ gr/m} \cdot 7.55 \text{ m}) \quad P = 1550 \text{ gr.}$$

$$MA = (500 \text{ gr.} \cdot 3.0 \text{ m}) + (600 \text{ gr} \cdot 1.5 \text{ m})$$

$$(1500 \text{ gr} + 900)$$

$$\underline{2400 \text{ gr}}$$

$$1550 \times 1.55$$

$$\underline{2,402.5 \text{ gr}}$$

(w)

$$w = (500 \text{ gr/m} \cdot 3 \text{ m})$$

$$w = 1500 \text{ ton}$$

$$L = 1.5 \text{ m}$$

$$200 \text{ gr/m} \cdot 3.00 \text{ m}$$

$$600 \times 1.5$$

$$900$$

$$1500 + 900 = 2400$$

$$\sqrt{\frac{2MA}{w}}$$

$$\sqrt{\frac{2(2400)}{500 \text{ gr}}} = \sqrt{\frac{4800}{500}} = \sqrt{9.6} = 3.098 \rightarrow 3.10$$