



ALUMNO(A): Anette Odalys Nájera Rueda.

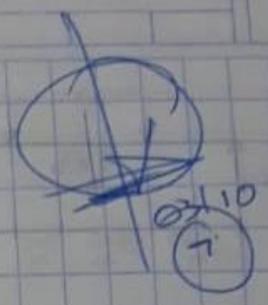
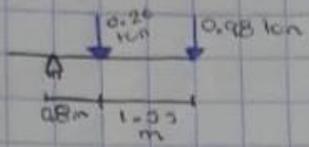
DOCENTE: ARQ. Pedro Garcia

MATERIA: Resistencia de Materiales de Construcción.

ACTIVIDAD: Actividad

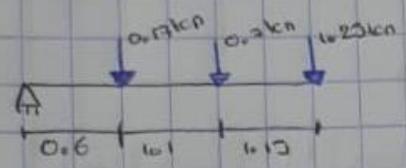
PASIÓN POR EDUCAR

CUATRIMESTRE: 4to UNIDAD: 2



$$1. M_A = (0.26)(0.8) = -0.208 \text{ kNm}$$

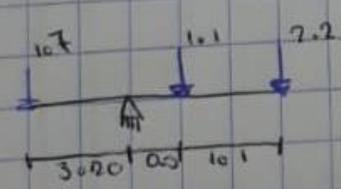
$$2. M_A = (0.98)(1.85) = -1.813 \text{ kNm}$$



$$1. M_A = (0.7)(0.6) = -0.42 \text{ kNm}$$

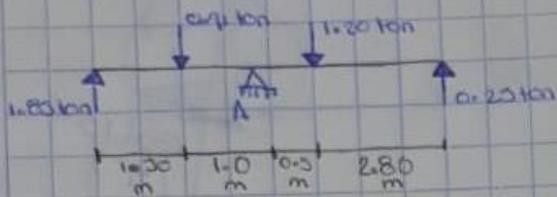
$$2. M_A = (0.7 + 0.2)(1.0) = -0.9 \text{ kNm}$$

$$3. M_A = (1.2)(2.85) = -3.42 \text{ kNm}$$



$$1. M_A = (1.7)(3.20) = -5.44 \text{ kNm}$$

$$2. M_A = (1.1 + 2.2)(1.1) = -3.85 \text{ kNm}$$



$$M_1 = (1.20 \text{ ton}) (0.50 \text{ m}) = -0.60 \text{ t}\cdot\text{m}$$

$$M_2 = (0.25 \text{ ton}) (3.30 \text{ m}) = 0.825 \text{ t}\cdot\text{m}$$

$$M_3 = (0.91 \text{ ton}) (1.0 \text{ m}) = 0.91 \text{ t}\cdot\text{m}$$

$$M_4 = (1.85 \text{ ton}) (2.50 \text{ m}) = -4.625 \text{ t}\cdot\text{m}$$

$$E_m = (-0.60 \text{ t}\cdot\text{m}) + (0.825 \text{ t}\cdot\text{m}) + (0.91 \text{ t}\cdot\text{m}) + (-4.625 \text{ t}\cdot\text{m})$$

$$E_m = -3.49 \text{ t}\cdot\text{m}$$