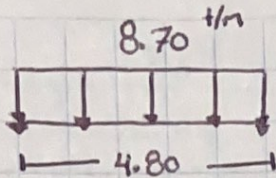


Ubers Lorenz Pulido

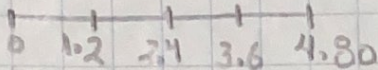


$$8.70 \text{ t/m} (4.80) = 41.76 \text{ ton}$$

$$R_A \cdot R_B = \frac{8.70 \text{ t/m} (4.80)}{2} = 20.88$$

$$V = 41.76 \text{ ton} - [8.70 \text{ t/m}(x)]$$

$$M = 20.88 \text{ ton}(x) - 4.35 x^2 \text{ t/m} = 0$$



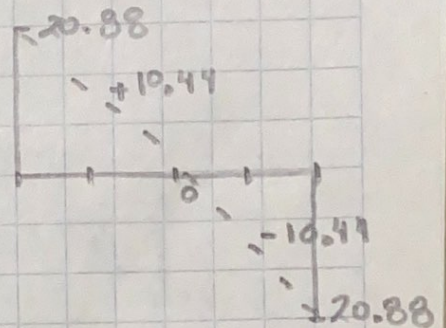
$$V = 20.88 \text{ ton} - [8.70 \text{ t/m}(0)] = 20.88$$

$$20.88 \text{ ton} - [8.70 \text{ t/m}(1.2)] = 10.44$$

$$20.88 \text{ ton} - [8.70 \text{ t/m}(2.4)] = 0$$

$$20.88 \text{ ton} - [8.70 \text{ t/m}(3.6)] = -10.44$$

$$20.88 \text{ ton} - [8.70 \text{ t/m}(4.8)] = -20.88$$



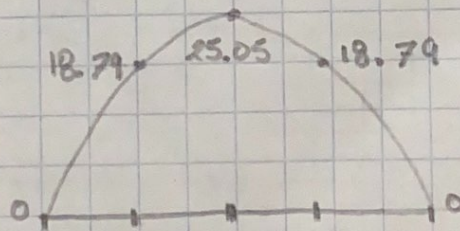
$$M = 20.88 \text{ ton}(0) - 4.35 \text{ t/m}(0^2) = 0$$

$$20.88 \text{ ton}(1.2) - 4.35 \text{ t/m}(1.2^2) = 18.79$$

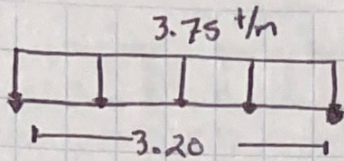
$$20.88 \text{ ton}(2.4) - 4.35 \text{ t/m}(2.4^2) = 25.05$$

$$20.88 \text{ ton}(3.6) - 4.35 \text{ t/m}(3.6^2) = 18.79$$

$$20.88 \text{ ton}(4.8) - 4.35 \text{ t/m}(4.8^2) = 0$$

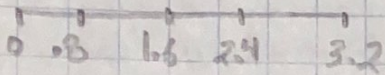


Ubes López Polido

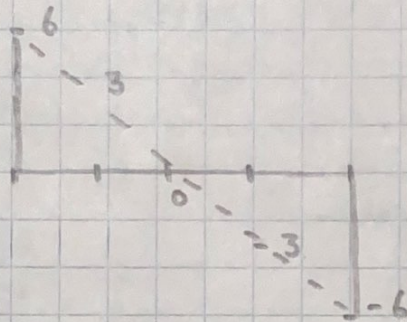


$$3.75 \text{ t/m} (3.20) = 12 \text{ ton}$$
$$R_A = R_D = \frac{3.75 \text{ t/m} (3.20)}{2} = 6$$

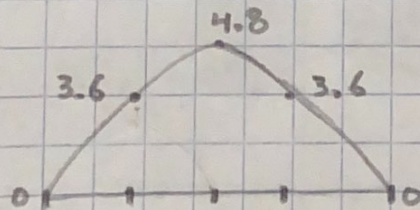
$$V = 6 \text{ ton} - [3.75 \text{ t/m} (x)]$$
$$M = 6 \text{ ton} (x) - 1.875 (x^2) \text{ t/m}$$



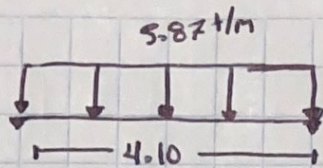
$$V = 6 \text{ ton} - [3.75 \text{ t/m} (0)] = 6$$
$$6 \text{ ton} - [3.75 \text{ t/m} (0.8)] = 3$$
$$6 \text{ ton} - [3.75 \text{ t/m} (1.6)] = 0$$
$$6 \text{ ton} - [3.75 \text{ t/m} (2.4)] = -3$$
$$6 \text{ ton} - [3.75 \text{ t/m} (3.2)] = -6$$



$$M = 6 \text{ ton} (0) - 1.875 (0^2) = 0$$
$$6 \text{ ton} (0.8) - 1.875 (0.8^2) = 3.6$$
$$6 \text{ ton} (1.6) - 1.875 (1.6^2) = 4.8$$
$$6 \text{ ton} (2.4) - 1.875 (2.4^2) = 3.6$$
$$6 \text{ ton} (3.2) - 1.875 (3.2^2) = 0$$

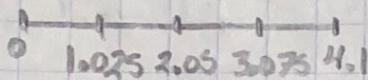


Uber Lopez Polido

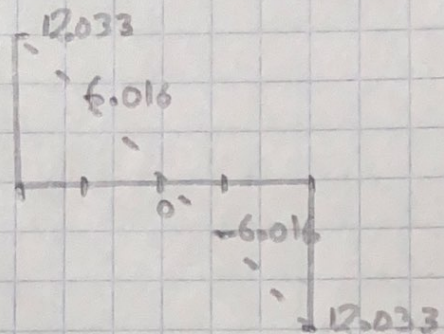


$$5.87 \text{ kN/m} (4.10) = 24.067$$
$$R_A - R_B = \frac{5.87 \text{ kN/m} (4.10)}{2} = 12.033$$

$$V = 12.033 - [5.87 \text{ kN/m} (x)]$$
$$M = 12.033 (x) - 2.935 \text{ kN/m} (x^2)$$



$$V = 12.033 - [5.87 \text{ kN/m} (0)] = 12.033$$
$$12.033 - [5.87 \text{ kN/m} (1.025)] = 6.016$$
$$12.033 - [5.87 \text{ kN/m} (2.05)] = 0$$
$$12.033 - [5.87 \text{ kN/m} (3.075)] = -6.016$$
$$12.033 - [5.87 \text{ kN/m} (4.1)] = -12.033$$



$$M = 12.033 (0) - 2.935 \text{ kN/m} (0^2) = 0$$
$$12.033 (1.025) - 2.935 \text{ kN/m} (1.025^2) = 9.554$$
$$12.033 (2.05) - 2.935 \text{ kN/m} (2.05^2) = 12.333$$
$$12.033 (3.075) - 2.935 \text{ kN/m} (3.075^2) = 9.249$$
$$12.033 (4.1) - 2.935 \text{ kN/m} (4.1^2) = 0$$

