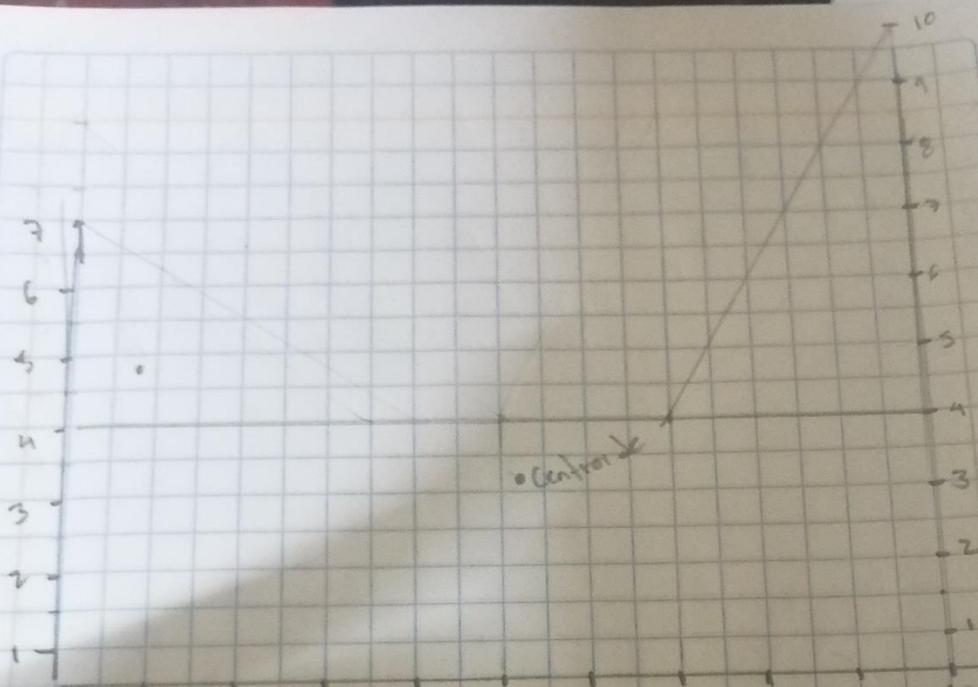


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Materia: ESTÁTICA PARA LA ARQUITECTURA



$$A_1 = \frac{B \times h}{h}$$

$$A_1 = 3 \times 3 = \frac{9}{2} = 4.5 \text{ u}^2$$

$$C_1 = (1, 1.5)$$

$$A_2 = 6 \times 4 = 40 \text{ u}^2$$

$$C_2 = (5, 2)$$

$$A_3 = \frac{B \times h}{2}$$

$$A_3 = \frac{3 \times 6}{2} = 9$$

$$C_3 = (9, 6)$$

$$y_c = \frac{(4.5 \times 3) + (40 \times 2) + (9 \times 6)}{4.5 + 40 + 9}$$

$$= \frac{2.92}{2.92}$$

$$x_c = \frac{(4.5 \times 1) + (40 \times 3) + (9 \times 9)}{4.5 + 40 + 9}$$

$$= \frac{5.31}{5.31}$$