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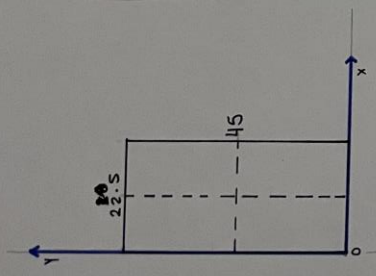
**Nombre del trabajo: ESTÁTICA PARA LA
ARQUITECTURA**

**Materia: ESTÁTICA PARA LA
ARQUITECTURA**

PASIÓN POR EDUCAR

**Grado: 3
GRUPO A**

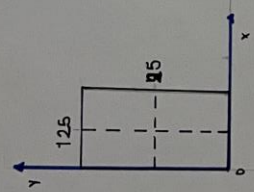
Comitán de Domínguez Chiapas a 29 de marzo de 2021.



$$J_{xg} (\text{cm}^4) = \frac{bh^3}{12}$$

$$= \frac{(22.5)(45)^3}{12}$$

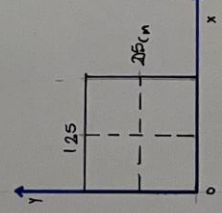
$$= 170,859.375 \text{ cm}^4$$



$$J_{xg} (\text{cm}^4) = \frac{bh^3}{12}$$

$$= \frac{(12.5)(25)^3}{12}$$

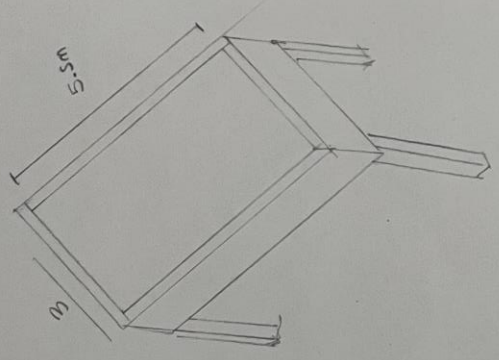
$$= 16,276.04167 \text{ cm}^4$$



$$J_{xg} (\text{cm}^4) = \frac{bh^3}{12}$$

$$= \frac{(12.5)(20.5)^3}{12}$$

$$= 8,974.088542 \text{ cm}^4$$



T1

$$P = 1h / 12$$

$$P = 5.5 / 12 = 45$$

$$B = P / 2$$

$$B = 45 / 2 = 22.5$$

T2

$$P = 1h / 12$$

$$P = 3m / 12 = 0.25m$$

$$B = P / 2$$

$$B = 23 / 2 = 11.5 \text{ cm}$$

$$J_{yg} (\text{cm}^4) = \frac{b^3h}{12}$$

$$= \frac{(22.5)^3(45)}{12}$$

$$= 42,714.84375$$

$$J_{yg} (\text{cm}^4) = \frac{b^3h}{12}$$

$$= \frac{(12.5)^3(25)}{12}$$

$$= 4,069.010417 \text{ cm}^4$$

$$J_{yg} (\text{cm}^4) = \frac{b^3h}{12}$$

$$= \frac{(17.5)^3(20.5)}{12}$$

$$= 3,356.88542 \text{ cm}^4$$