

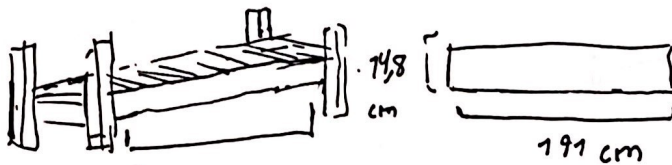
# Momento de Inercia

Formula

$$I_x = \frac{b \cdot h^3}{12}$$

momento que analiza  
la medida es  
la sección

① Objeto grande

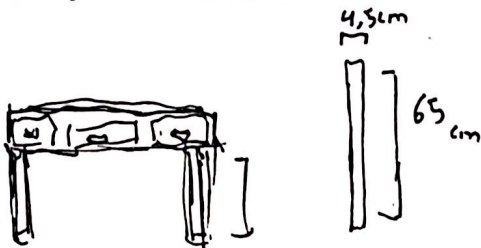


$$I_x = \frac{191 \cdot 74,8^3}{12}$$

$$I_x = \frac{191 \cdot 3.247,792}{12}$$

$$I_x = 51.598,522 \bar{6} \text{ cm}^4$$

② Objeto Mediano

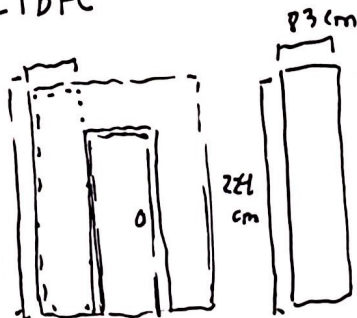


$$I_x = \frac{4,5 \cdot 65^3}{12}$$

$$I_x = \frac{4,5 \cdot 274.625}{12}$$

$$I_x = 102.818,75 \text{ cm}^4$$

③ Libre



$$I_x = \frac{83 \cdot 221^3}{12}$$

$$I_x = \frac{83 \cdot 11.239.421}{12}$$

$$I_x = 77.739.399,3 \text{ cm}^4$$