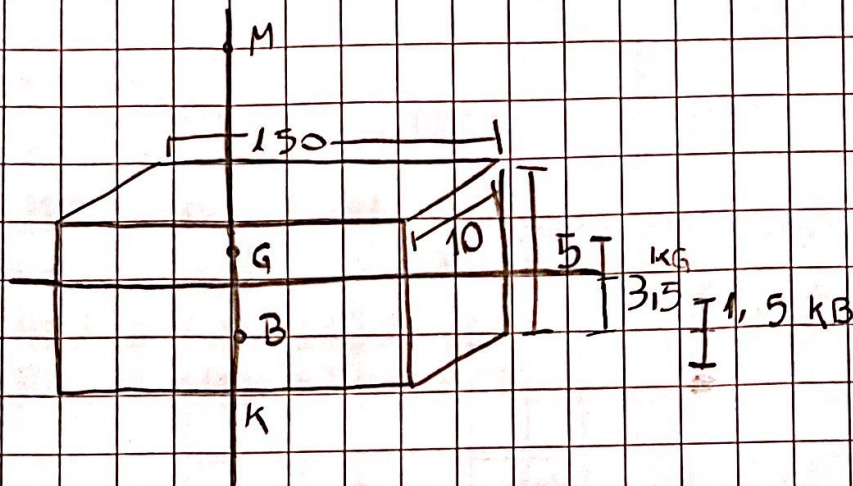


Un Buque en forma de cajón rectangular de 150[m] eslora,
10[m] manga y 5[m] puntal tiene Calado Medio 3[m]
Cuando flota en agua salada y un asiento 1[m]
 $KG = 3,5[m]$



$$I = \frac{LB^3}{12} = \frac{150 \cdot 10^3}{12}$$

Calado medio: 3 [m]

$KG = 3,5 [m]$

$GM = ?$

$KB = 1,5 [m]$

$$I = \frac{LB^3}{12} = \frac{150(10)^3}{12} = 12500$$

$$\nabla = 150 \times 10 \times 3 = 4500$$

$$BM = \frac{I}{\nabla} = \frac{12500}{4500} = 2,77$$

$$KM = KB + BM = 1,5 + 2,77 = 4,27 [m]$$

$$GM = KM - KG = 4,27 - 3,5 = 0,77 [m] \rightarrow \text{positivo}$$