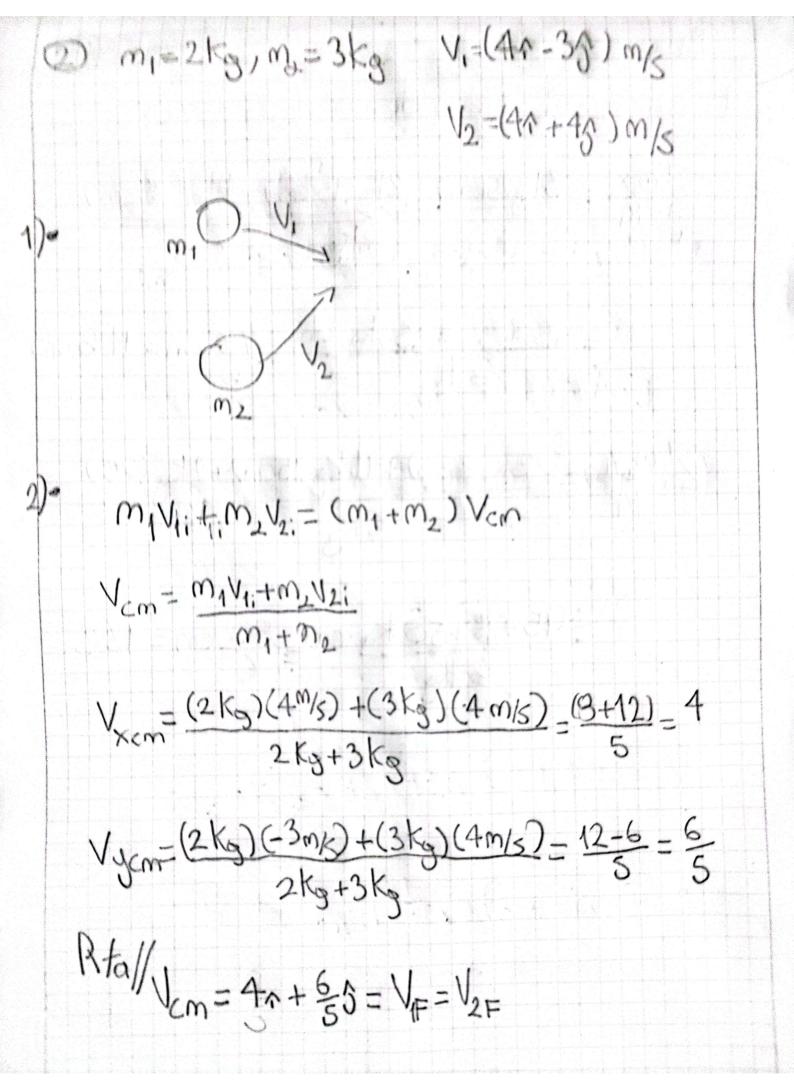
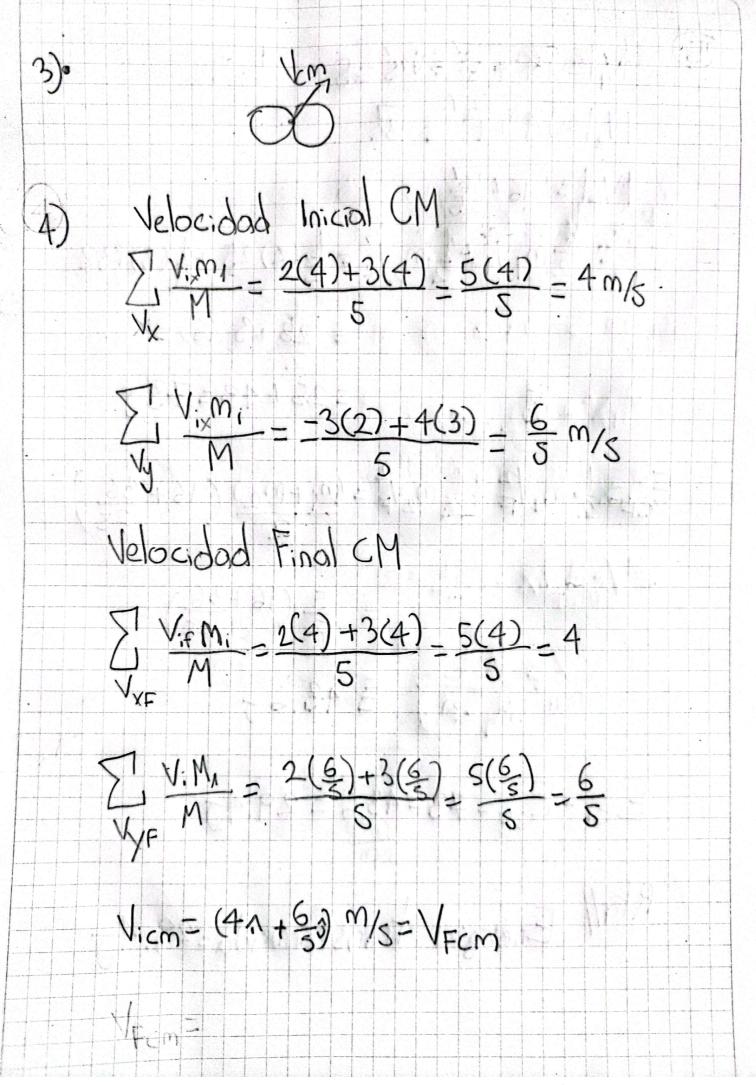


Maller B O Calcule el centro de mosa \[\frac{m.x}{M} = \frac{3(kg(5km) + 2kg(15km) + 1kg(25km)}{25km} = 95 + 30 +25) to cm = 70 cm = 11.6 cm $\sum_{M} \frac{m_1 y_1}{M} = \frac{3k_9(5cm) + 10k_9(15cm) + 2k_9(25)}{6k_9}$ $=\frac{45+115+50 \text{ kg} \cdot \text{cm}}{6 \text{ kg}} \cdot \text{cm} = \frac{80 \text{ cm}}{6} = 13.3$





5
$$|V_{1}| = \sqrt{4^{2} + 3^{2}} = \sqrt{25} = 5$$

 $|V_{2}| = \sqrt{4^{2} + 4^{2}} = \sqrt{32}$
 $|V_{E}| = \sqrt{16 + 36}$
 $|V_{E}| = \sqrt{16 + 3$

