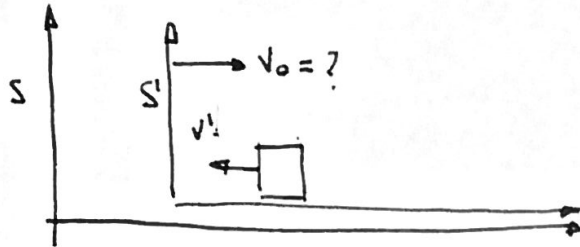


$$V = V_0 + V' = 5 \text{ m/s} \quad (1)$$



$$V = V_0 - V' = 2 \text{ m/s} \quad (2)$$

Sumant (1) i (2): $2V_0 = 7$

$$V_0 = \frac{7}{2} = \boxed{3,5 \text{ m/s}}$$

$$V' = 5 - V_0 = 5 - 3,5 = \boxed{1,5 \text{ m/s}}$$

La velocitat de la cinta és de $3,5 \text{ m/s}$ i la joguina $1,5 \text{ m/s}$.