



$$V_{\text{cinta}} = 2 \text{ m/s}$$

$$V_{\text{home}} = \frac{9 \text{ km}}{\text{h}} = 2,5 \text{ m/s}$$

$$V = V_{\text{cinta}} + V_{\text{home}} = 2 + 2,5 = \boxed{4,5 \text{ m/s}}$$

$$\text{Si baixa: } V = V_{\text{cinta}} + V_{\text{home}} = 2 - 2,5 = \boxed{-0,5 \text{ m/s}}$$