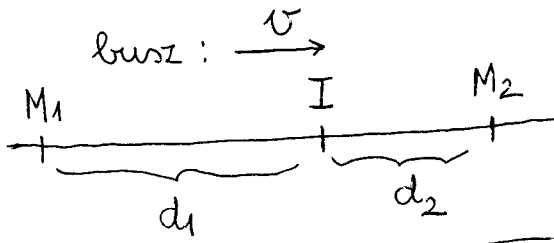


5.)



$$v = 36 \text{ km/h} = 10 \frac{\text{m}}{\text{s}}$$

gyerek A:  $v_A$

gyerek B:  $v_B$

$$t = \frac{d}{v}$$

$$A \text{ M}_1\text{-nél: } t_{A1} = \frac{d_1}{v_A}$$

$$A \text{ M}_2\text{-nél: } t_{A2} = \frac{d_1 + d_2}{v} + \frac{d_2}{v_A}$$

$$B \text{ M}_1\text{-nél: } t_{B1} = \frac{d_1}{v_B}$$

$$B \text{ M}_2\text{-nél: } t_{B2} = \frac{d_1 + d_2}{v} + \frac{d_2}{v_B}$$

$$t_{A1} < t_{A2}$$

$$t_{B1} > t_{B2}$$

$$\frac{d_1}{v_A} < \frac{d_1 + d_2}{v} + \frac{d_2}{v_A}$$

⋮

$$v_A > \dots$$

$$\frac{d_1}{v_B} > \frac{d_1 + d_2}{v} + \frac{d_2}{v_B}$$

⋮

$$v_B < \dots$$