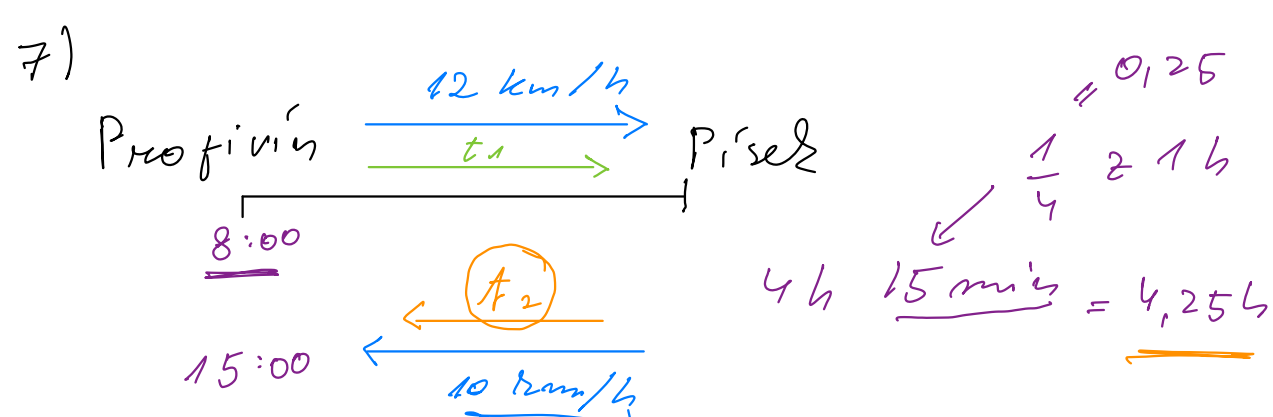




úlohy o pohybu

Doba cesty do prírody: t_1

Doba cesty z prírody: t_2

$$s = v \cdot t$$

$$s_1 = v_1 \cdot t_1 \quad s_2 = v_2 \cdot t_2 \quad t_2 = 2,75 - t_1 \quad t_1 = t_2 - 2,75$$

$$t_1 = t_2$$

$$v_1 = 12 \text{ km/h} \quad v_2 = 10 \text{ km/h}$$

$$t_1 = t_2$$

$$12 \cdot t_1 = 10 \cdot (2,75 - t_1)$$

$$12t_1 = 27,5 - 10t_1 \quad +10t_1$$

$$22t_1 = 27,5 \quad /22$$

$$t_1 = \frac{27,5}{22} = 1,25 \text{ h}$$

$$t_2 = 2,75 - 1,25 = 1,5 \text{ h}$$

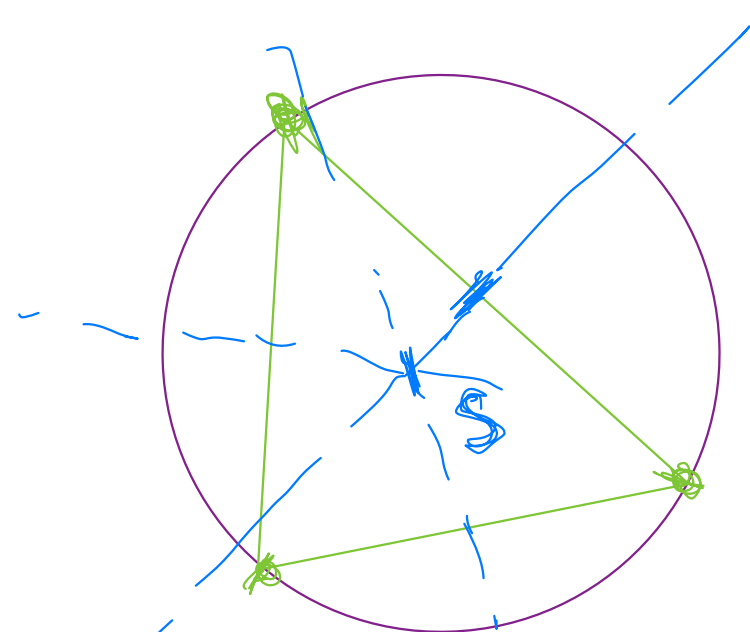
8:00 t_1 do prírody

1,25 h 4,25 h 9 h 15 min

$$s_1 = v_1 \cdot t_1 = 12 \cdot 1,25 = 15 \text{ km}$$

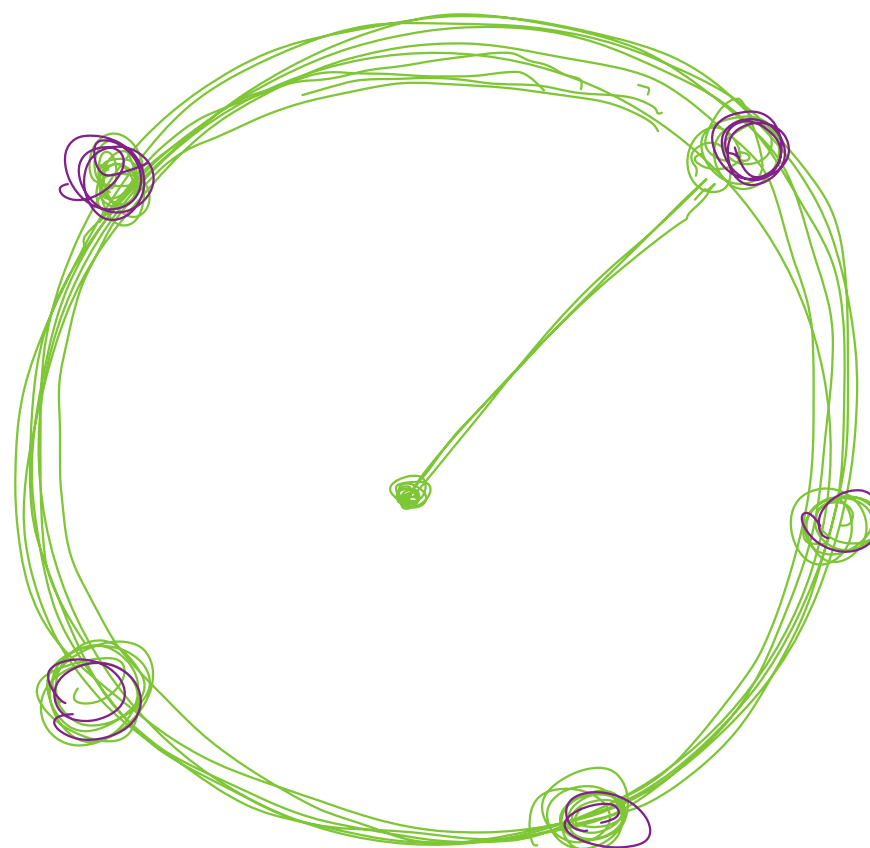
$$s_2 = v_2 \cdot t_2 = 10 \cdot 1,5 = 15 \text{ km}$$

9)



konfigurácia
opísaná

10)



15)

Príjem

8% ... 20 vol% mš

19% ... $\frac{20}{8} = 2,5$

100% ... 250 mš ... celá
bezpečnosť

$$250 - 20 = 230 \text{ prijato } \underline{\underline{F}}$$