

A	500	15
B	360	20
C	920	12

$$6.1 \quad 500 + 15m = A$$

$$6.2 \quad A - B \quad B = 360 + 20m$$

$$\begin{aligned} & \text{A} \quad 500 + 15m - \text{B} \quad 360 + 20m = \\ & 500 + 15m - 360 - 20m = \\ & = 140 - 5m \end{aligned}$$

$$\begin{aligned} 6.3 \quad C < A \quad C &= 920 + 12m \\ 920 + 12m &< 500 + 15m \\ 920 - 500 &< 15m - 12m \\ 420 &< 3m \quad | :3 \\ 140 &< m \end{aligned}$$

7.1 $7:49 \quad t = 3 \text{ min}$ $\leftarrow$ maximálkezes

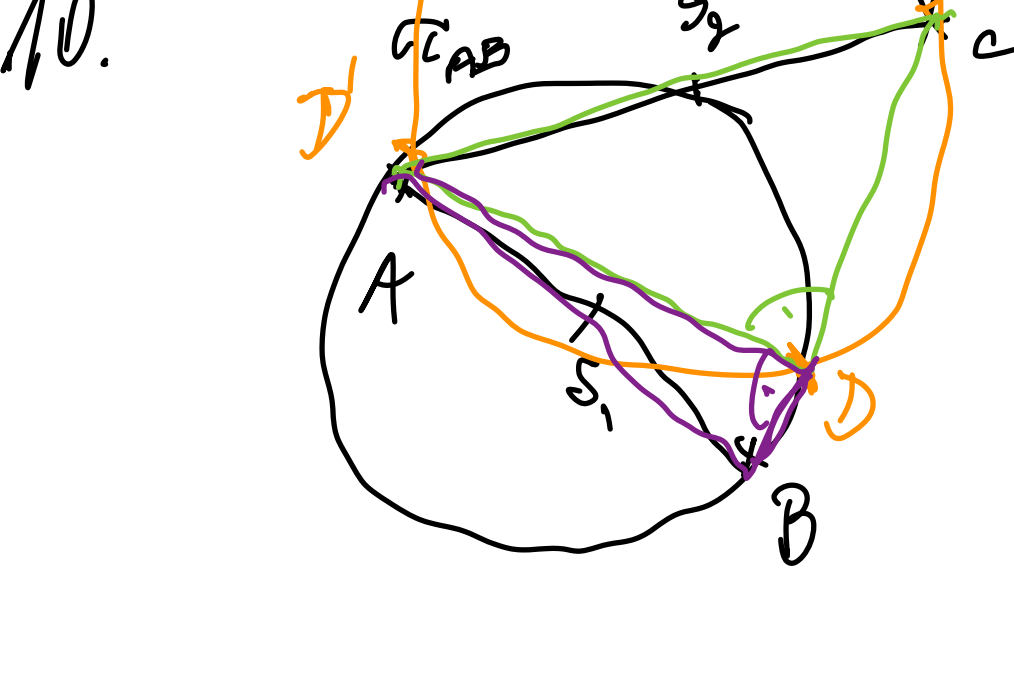
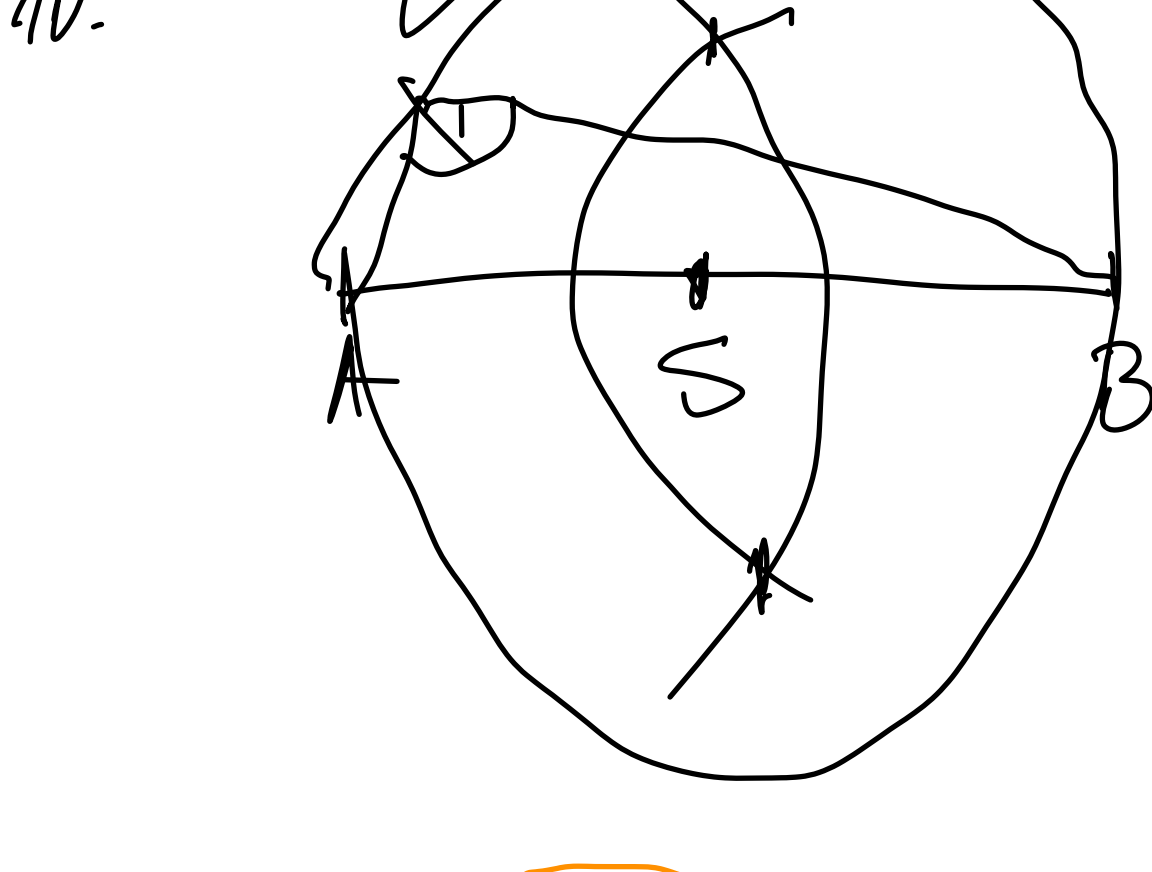
$$\begin{aligned} s &= v \cdot t \quad t = 3 \text{ min} = \\ s &= 7 \cdot 0,05 = \frac{3}{60} \text{ h} = \frac{1}{20} \text{ h} = \\ s &= 0,35 \text{ km} = \underline{350 \text{ m}} = 0,05 \text{ h} \end{aligned}$$

7.2 1 km

$$\begin{aligned} s_1 + s_2 &= 1 \quad v_1 = 7 \text{ km/h} \\ v_1 \cdot t_1 + v_2 \cdot t_2 &= 1 \quad v_2 = 6 \text{ km/h} \\ 7t + 6(t - 0,05) &= 1 \quad t = \text{összes idő} \\ 7t + 6t - 0,3 &= 1 \quad t - 0,05 \text{ h} = \text{idő az út felé} \\ 13t &= 1 + 0,3 \quad \text{közvetlen út} \\ 13t &= 1,3 \quad | :13 \\ t &= 0,1 \text{ h} \end{aligned}$$

$$\begin{aligned} s_1 &= 7 \cdot 0,1 = 0,7 \text{ km} = 700 \text{ m} \\ \text{szélesség od a szembe} \quad 1000 - 700 &= \\ &= 300 \text{ m} \end{aligned}$$

7.3. $7:49 \quad 0,1 \text{ h} = 6 \text{ min}$
 $7:55$
 $8:01$



A>B

A>C

16. $\begin{matrix} \text{párat} & B = \tilde{R} * (S-1) \\ \text{párat} & \tilde{S} = S * (\tilde{R}-1) \end{matrix}$

$$16.1 \quad \tilde{S} = 4 \cdot (5-1) = 4 \cdot 4 = 16$$

$$\begin{aligned} 16.2. \quad 1 \quad 3 \times 3 \quad B &= 3 \times 2 = 6 \\ 4 \times 4 \quad B &= 4 \cdot 3 = 12 \\ 5 \times 5 \quad B &= 5 \cdot 4 = 20 \end{aligned}$$

16.3 $3,3 \text{ m}$ $3,3 : 0,3 = 11$

$$\begin{aligned} \tilde{R} &= 11 \quad B = \tilde{R} * (S-1) \\ S &= 8 \quad \tilde{S} = S * (\tilde{R}-1) \end{aligned}$$

$$B : \tilde{S}$$

$$(4 \cdot 7) : (8 \cdot 10)$$

$$77 : 80$$

15 $\begin{matrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \end{matrix}$

$$\tilde{C} = 12$$

$$B = 12$$

15.2. $P \quad 3 \text{ m} \quad 16800 \text{ kg}$
 $M \quad 4 \text{ m} \quad 17920 \text{ kg}$

$$\begin{aligned} p \quad P \quad 16800 : 3 &= 5600 \text{ kg} \\ p \quad M \quad 17920 : 4 &= 4480 \text{ kg} \\ 5600 - 4480 &= 1120 \text{ kg} \\ 100\% \dots 5600 \text{ kg} \\ 1\% \dots 56 \text{ kg} \\ 2\% \dots 1120 : 56 &= 20\% \end{aligned}$$

15.3 $\text{cikk} \quad 500 \text{ db}$

Sportkár $65\% \geq 500 \dots 325$

Nesportkár $\dots 500 - 325 = 175$

Pravidkár $80\% \geq 325$

Nep. $\dots \text{Sp.} \quad 20\% \geq 325 \dots 65$

Nes - Nep. Sp

$175 - 65 = 110$

100% $\dots 500$

1% $\dots 5$

2% $\dots 110 : 5 = 22\%$

15.3 $(2x \cdot (x+4)) - (x-7) \cdot (x+2) =$

$$\begin{aligned} &= 2x^2 + 8x - (x^2 + 2x - 7x - 14) = \\ &= 2x^2 + 8x - x^2 - 2x + 7x + 14 = \\ &= x^2 + 13x + 14 \end{aligned}$$