

Varianta 4

1. $9,35 : 5 - 0,87 = 1,87 - 0,87 = 1$

2. $297,82 \text{ dag} = 297,82 \cdot 1000 \text{ cg} = 297\ 820 \text{ cg}$

3. $2x + 0,72 = 4,28$

$$2x = 4,28 - 0,72$$

$$2x = 3,56$$

$$x = 3,56 : 2 \Rightarrow x = 1,78$$

4. $(a+b) : 2 = 3,09 \Rightarrow a+b = 3,09 \cdot 2 \Rightarrow a+b = 6,18$
 $a = 2 \cdot b$ / \Rightarrow

$$\Rightarrow 2b + b = 6,18$$

$$3b = 6,18$$

$$b = 6,18 : 3$$

$$b = 2,06$$

$$a = 2 \cdot 2,06 \Rightarrow a = 4,12$$

5. $28,2 \text{ ml} + 0,06 \text{ dl} - 0,021 \text{ l} = 28,2 : 10 \text{ cl} + 0,06 \cdot 10 \text{ cl} -$
 $- 0,021 \cdot 100 \text{ cl} = 2,82 \text{ cl} + 0,6 \text{ cl} - 2,1 \text{ cl} =$
 $= 2,22 \text{ cl} - 2,1 \text{ cl} = 0,12 \text{ cl}$

6. $\underline{\text{I}} = 2,5 \text{ Km}$

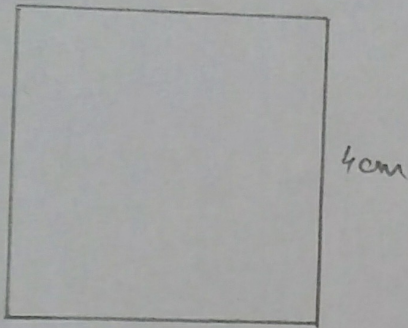
$$\underline{\text{II}} = 12 \text{ km} + \underline{\text{I}} = 12 \text{ km} + 2,5 \text{ Km} = 12 : 10 \text{ Km} + 2,5 \text{ Km} = 1,2 \text{ Km} + 2,5 \text{ Km}$$

$$\underline{\text{III}} = (\underline{\text{I}} + \underline{\text{II}}) : 2 = \frac{2,5 \text{ Km} + 3,7 \text{ Km}}{2} = \frac{6,2 \text{ Km}}{2} \Rightarrow \underline{\text{III}} = 3,2 \text{ Km}$$

$$\underline{\text{I}} + \underline{\text{II}} + \underline{\text{III}} = 2,5 \text{ Km} + 3,7 \text{ Km} + 3,2 \text{ Km} = 9,3 \text{ Km}$$

$$\begin{aligned} 7. \quad 1,8^2 + 3 \cdot [4,6 - 2,5 \cdot (1 - 0,7)] &= 3,24 + 3 \cdot (4,6 - 2,5 \cdot 0,3) = \\ &= 3,24 + 3 \cdot (4,6 - 0,75) = 3,24 + 3 \cdot 3,85 = 3,24 + 11,55 = \\ &= 14,79 \end{aligned}$$

8.



$$l = 4 \text{ cm}$$

$$A_{\square} = l^2 = 4^2 = 16 \text{ cm}^2$$

$$9. \quad l = 11 \text{ cm}$$

$$V = l^3 = 11^3 = 1331 \text{ cm}^3 = 1331 : 1000 \text{ dm}^3 = 1,331 \text{ dm}^3 \Rightarrow$$

$$\Rightarrow V = 1,331 \text{ dm}^3 = 1,331 \text{ l}$$

$$1 \text{ dm}^3 = 1 \text{ l}$$