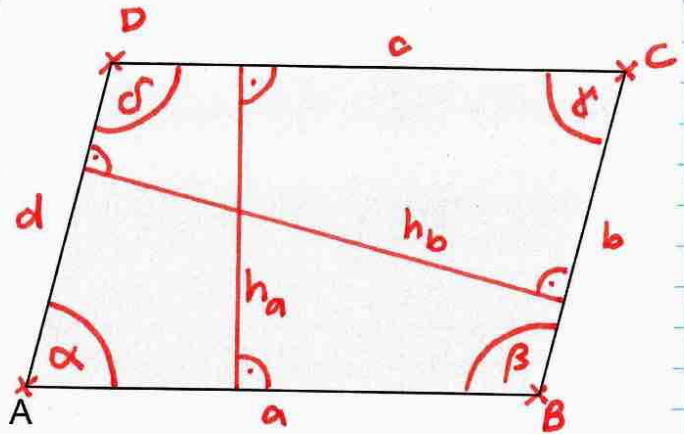


1. a.)

b.)



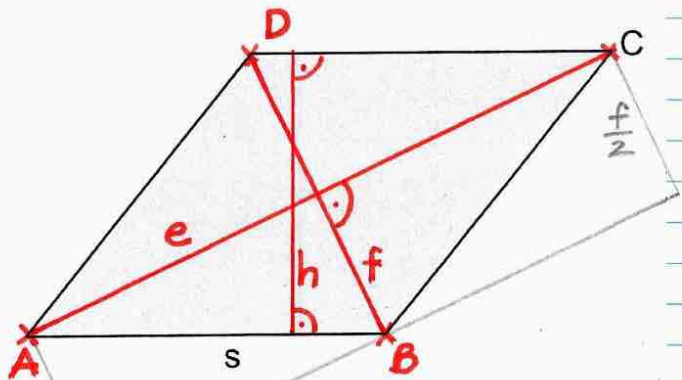
c.)  $A = b \cdot h_b$

$$\Rightarrow b = A : h_b = 252 \text{ cm}^2 : 18 \text{ cm} \\ = \underline{\underline{14 \text{ cm}}}$$

$$\Rightarrow u = 2 \cdot a + 2 \cdot b \\ = 2 \cdot 20 \text{ cm} + 2 \cdot 14 \text{ cm} \\ = \underline{\underline{68 \text{ cm}}}$$

2. a.)

b.)



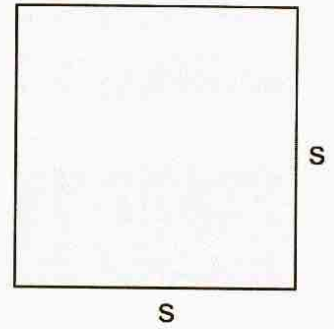
c.)  $A = e \cdot \frac{f}{2} = 10 \text{ cm} \cdot 2,5 \text{ cm} = \underline{\underline{25 \text{ cm}^2}}$

$$\Rightarrow A = s \cdot h \quad \curvearrowright \quad s = A : h \\ = 25 \text{ cm}^2 : 4 \text{ cm} \\ = \underline{\underline{6,25 \text{ cm}}}$$

3.

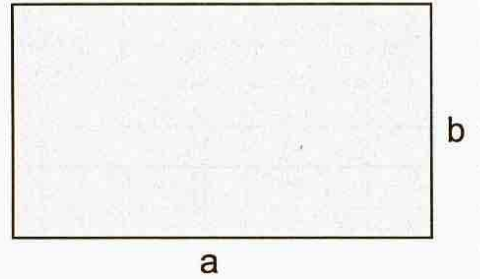
$$\begin{aligned}A_Q &= s^2 \\ &= (8\text{cm})^2 \\ &= \underline{64\text{cm}^2}\end{aligned}$$

$$\Rightarrow A_R = \underline{64\text{cm}^2}$$



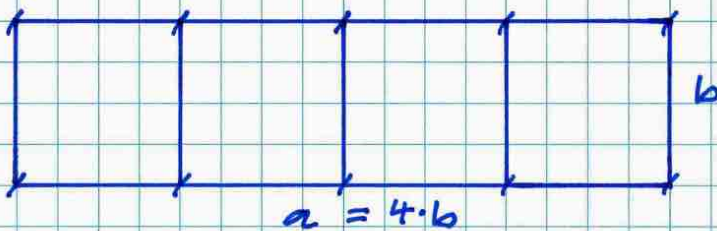
$$A_R = a \cdot b$$

$$\begin{aligned}\Rightarrow a &= A_R : b \\ &= 64\text{cm}^2 : 5\text{cm} \\ &= \underline{12,8\text{cm}}\end{aligned}$$



$$\begin{aligned}\Rightarrow u_R &= 2 \cdot a + 2 \cdot b = 2 \cdot 12,8\text{cm} + 2 \cdot 5\text{cm} \\ &= \underline{\underline{35,6\text{cm}}}\end{aligned}$$

4.



$$u = 2 \cdot a + 2 \cdot b = 2 \cdot 4 \cdot b + 2 \cdot b = \underline{10 \cdot b}$$

$$\Rightarrow b = u : 10 = 100\text{m} : 10 = \underline{10\text{m}}$$

$$\Rightarrow A = a \cdot b = 40\text{m} \cdot 10\text{m} = \underline{\underline{400\text{m}^2}}$$