

REŠITVE - 6.r (6.4) Vaje - merske enote, obseg, ploščina, površina 1.del

1. Izrazi z zahtevano mersko enoto.

a) $56 \text{ mm} = 5,6 \text{ cm}$

b) $91 \text{ dm } 3 \text{ cm} = 9,13 \text{ m}$

c) $0,76 \text{ m} = 76 \text{ cm}$

d) $0,67 \text{ m} = 67 \text{ dm}$

e) $1896000 \text{ mm} = 1,896 \text{ km}$
ali 1896 m

f) $6 \text{ dm}^2 = 0,06 \text{ m}^2$

g) $20,6 \text{ dm}^2 = 2060 \text{ cm}^2$

h) $3716 \text{ cm}^2 = 37,16 \text{ dm}^2$

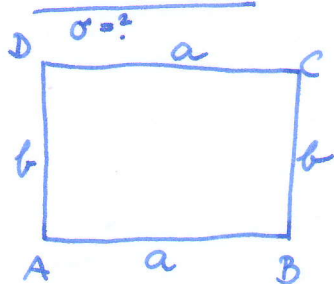
i) $344,5 \text{ m}^2 = 3445 \text{ a}$

j) $6 \text{ m}^2 5 \text{ dm}^2 = 6,05 \text{ m}^2$
 605 dm^2

2. pravokotnik

$a = 25 \text{ cm}$

$b = 14 \text{ cm}$



$\sigma = 2 \cdot a + 2 \cdot b$

$\sigma = 2 \cdot 25 \text{ cm} + 2 \cdot 14 \text{ cm}$

$\sigma = 50 \text{ cm} + 28 \text{ cm}$

$\sigma = 78 \text{ cm}$

$7 \text{ m} = 700 \text{ cm}$

$78 \cdot 8$

624 cm

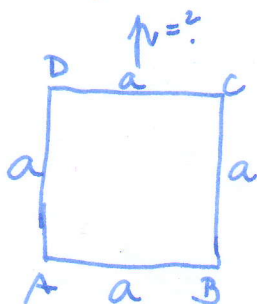
$78 \cdot 9$

702 cm

Isdelala bo lahko 8 okvirjev,
za 9 okvirjev pa nima dovolj letov.

3. mama kvadrat

$a = 18 \text{ m}$



$P_1 = a \cdot a$

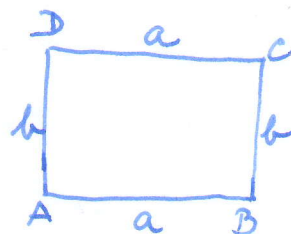
$P_1 = 18 \text{ m} \cdot 18 \text{ m}$

$P_1 = 324 \text{ m}^2$

babica pravokotnik

$a = 24 \text{ m}$

$b = 12,5 \text{ m}$



$P_2 = a \cdot b$

$P_2 = 24 \text{ m} \cdot 12,5 \text{ m}$

$P_2 = 300 \text{ m}^2$

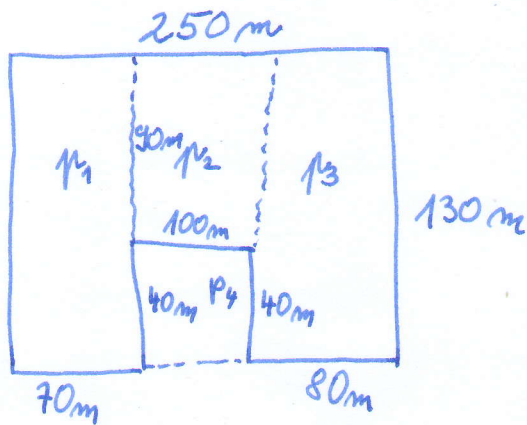
$12,5 \cdot 24$

2500
500

300,0

Večji rot ima mama pa 24 m^2 .

4) a)



1. možnost.

$$P_1 = 70\text{m} \cdot 130\text{m}$$

$$P_1 = \underline{9100\text{m}^2}$$

$$P_2 = 90\text{m} \cdot 100\text{m}$$

$$P_2 = \underline{9000\text{m}^2}$$

$$P_3 = 80\text{m} \cdot 130\text{m}$$

$$P_3 = 10400\text{m}^2$$

$$P = P_1 + P_2 + P_3$$

$$P = 9100\text{m}^2 + 9000\text{m}^2 + 10400\text{m}^2$$

$$P = \underline{28500\text{m}^2}$$

2. možnost

$$P_{\square} = 250\text{m} \cdot 130\text{m}$$

$$P_{\square} = 32500\text{m}^2$$

$$P_4 = 40\text{m} \cdot 100\text{m}$$

$$P_4 = 4000\text{m}^2$$

$$P = P_{\square} - P_4$$

$$P = 32500\text{m}^2 - 4000\text{m}^2$$

$$P = \underline{28500\text{m}^2}$$

Narisano zemljišče meri 28500m^2 .

$$b) \quad \sigma = 70\text{m} + 40\text{m} + 100\text{m} + 40\text{m} + 80\text{m} + 130\text{m} + 250\text{m} + 130\text{m}$$

$$\sigma = 840\text{m}$$

Potrebovali bi 840m, zato 750m ni dovolj za ogradiť celotnega zemljišča.