

UTRJEVANJE ~ MERJENJE V GEOMETRIJI

1. Koliko m² meri ploščina kvadrata, če meri njegov obseg 26,8m?

$$\begin{aligned} o &= 4 \cdot a \\ 26,8 &= 4 \cdot a \\ a &= 26,8 : 4 \\ a &= 6,7 \text{ m} \end{aligned}$$

$$\begin{aligned} p &= a \cdot a \\ p &= 6,7 \cdot 6,7 \\ p &= \underline{\underline{44,89 \text{ m}^2}} \end{aligned}$$

2. Družina je kupila 250m dolgo in 320m široko zemljišče.

a) Koliko a je veliko zemljišče? $p = 250 \cdot 320 \quad p = 80000 \text{ m}^2 = \underline{\underline{800 \text{ a}}}$

b) Koliko m ograje rabimo za ograditev zemljišča?

$$2 \cdot 250 + 2 \cdot 320 = 500 + 640 = \underline{\underline{1140 \text{ m}}}$$

3. Soba je dolga 4m in široka 3m.

a) Koliko m² parketa rabimo? $4 \cdot 3 = \underline{\underline{12 \text{ m}^2}}$

b) Koliko bomo plačali za parket, če stane 1m² parketa 3,10€? $12 \cdot 3,10 = \underline{\underline{37,20 \text{ €}}}$

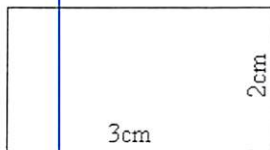
4. Parcela meri 6a 40m². Koliko stane, če je cena za 1m² 55€?

$$640 \text{ m}^2$$

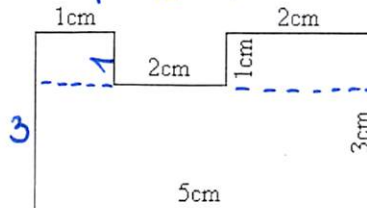
$$640 \cdot 55 = \underline{\underline{35200 \text{ €}}}$$

5. Izračunaj obsege in ploščine likov:

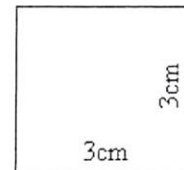
a) $o = 10 \text{ cm}$
 $p = 6 \text{ cm}^2$



b) $o = 18 \text{ cm}$
 $p = 13 \text{ cm}^2$



c) $o = 12 \text{ cm}$
 $p = 9 \text{ cm}^2$



6. Pretvori v navedene enote.

a) $2,4 \text{ dm} = \underline{\underline{24}} \text{ cm}$

b) $2,16 \text{ m}^2 = \underline{\underline{216}} \text{ dm}^2$

$25,3 \text{ cm} = \underline{\underline{0,253}} \text{ m}$

$17,34 \text{ a} = \underline{\underline{0,1734}} \text{ ha}$

$2,5 \text{ km} = \underline{\underline{25000}} \text{ dm}$

$5,05 \text{ ha} = \underline{\underline{50500}} \text{ m}^2$

$24,4 \text{ dm} = \underline{\underline{2,44}} \text{ m}$

$3800 \text{ mm}^2 = \underline{\underline{0,38}} \text{ dm}^2$

$3270 \text{ mm} = \underline{\underline{3,27}} \text{ dm}$

$3,4 \text{ cm}^2 = \underline{\underline{340}} \text{ mm}^2$