

VAJA

1.) Izračunaj obseg kvadrata, če njegova višina meri 10cm.

$$\sigma = 4 \cdot a$$

$$\sigma = 4 \cdot 10$$

$$\sigma = 40 \text{ cm}$$

2.) Izračunaj stranico kvadrata, če meri njegov obseg 1m 36cm.

$$\sigma = 4 \cdot a$$

$$1 \text{ m } 36 \text{ cm} = 136 \text{ cm}$$

$$a = \sigma : 4$$

$$a = 136 : 4$$

$$a = 34 \text{ cm}$$

$$\begin{array}{r} 136 : 4 = 34 \\ 16 \\ \text{Ost.} \end{array}$$

$$a = \sigma : 4$$

DOMAĆA NALOŽA:

Uč, str. 146, mol. 4, 8, 9, 11

4.) a) $a = 13 \text{ dm}$

$$\sigma = 4 \cdot a$$

$$\sigma = 4 \cdot 13$$

$$\sigma = 52 \text{ dm}$$

b) $a = 7,6 \text{ cm}$

$$\sigma = 4 \cdot a$$

$$\sigma = 4 \cdot 7,6$$

$$\sigma = 30,4 \text{ cm}$$

c) $a = 6 \text{ dm } 7 \text{ cm}$
 $a = 67 \text{ cm}$

$$\sigma = 4 \cdot a$$

$$\sigma = 4 \cdot 67$$

$$\sigma = 268 \text{ cm} = 26 \text{ dm } 8 \text{ cm}$$

č) $a = 2,4 \text{ km}$

$$\sigma = 4 \cdot a$$

$$\sigma = 4 \cdot 2,4$$

$$\sigma = 9,6 \text{ km}$$

8) $a = 3,6 \text{ m}$

$$\sigma = 4 \cdot a$$

$$\sigma = 4 \cdot 3,6$$

$$\sigma = 14,4 \text{ m}$$

Za ograditev vrta kvadratne

oblike, bi potrebovali najmanj

14,4 m ograje.

9.) a) $\sigma = 84 \text{ dm}$

$$\sigma = 4 \cdot a$$

$$a = \sigma : 4$$

$$a = 84 : 4$$

$$a = 21 \text{ dm}$$

b) $\sigma = 12 \text{ m } 56 \text{ cm}$
 $\sigma = 1256 \text{ cm}$

$$\sigma = 4 \cdot a$$

$$a = \sigma : 4$$

$$a = 1256 : 4$$

$$a = 314 \text{ cm} = 3 \text{ m } 14 \text{ cm}$$

$$12 \text{ m } 56 \text{ cm}$$

$$1256 : 4 = 314$$

$$05$$

$$16$$

$$\text{Ost.}$$

$$a = \sigma : 4$$

11.) $\sigma = 16$ vžigalic
 $a = 16 : 4 = 4$ vžigalice

$$1 \text{ vžigalica} = 7 \text{ cm}$$

a) $4 \cdot 7 \text{ cm} = 28 \text{ cm}$ → Dolžina stranice kvadrata meri 28cm.

b) $42 \text{ cm} : 7 \text{ cm} = 6$ vžigalic → za kvadrat s stranico 42cm bi potrebovali 6 vžigalic.