

PREVERJANJE ZNANJA - 6. razred

15. 4. 2020

1. a) $31 \text{ m} = \underline{310 \text{ dm}}$

f) $6 \text{ m } 2 \text{ cm} = \underline{6,02 \text{ m}}$

c) $0,11 \text{ dm} = \underline{0,011 \text{ m}}$

d) $1,446 \text{ dm}^2 = \underline{144,6 \text{ cm}^2}$

e) $95 \text{ m}^2 = \underline{0,95 \text{ a}}$

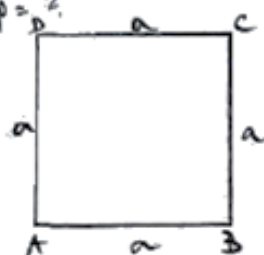
g) $54 \text{ m}^2 \text{ } 6 \text{ dm}^2 = \underline{5406 \text{ dm}^2}$

2. KVADRAT

$a = 3 \text{ m}$

$\sigma = ?$

$p = ?$



$\sigma = 4 \cdot a$

$\sigma = 4 \cdot 3$

$\sigma = \underline{12 \text{ m}}$

$p = a \cdot a$

$p = 3 \cdot 3$

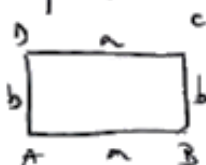
$p = \underline{9 \text{ m}^2}$

3. PRAVOKOTNIK

$a = 2,3 \text{ dm}$

$b = 1,5 \text{ dm}$

$p = ?$



$p = a \cdot b$

$p = 2,3 \cdot 1,5$

$p = \underline{3,45 \text{ dm}^2}$

4. PRTIČEK - pravokotnik

$\sigma = 2,8 \text{ m} = 28 \text{ dm}$

$b = 6 \text{ dm}$

$a = ?$



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

$28 = 2 \cdot a + 2 \cdot 6$

$2 \cdot a = 28 - 2 \cdot 6$

$2 \cdot a = 28 - 12$

$2 \cdot a = 16$

$a = 16 : 2$

$a = \underline{8 \text{ dm}}$

Odg: Ojjen prtček
je dolg 80 cm.

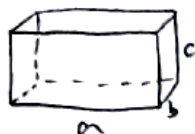
5. KVADER

$$a = 7 \text{ dm}$$

$$b = 5 \text{ dm}$$

$$c = 12 \text{ dm}$$

$$P = ?$$



$$P = 2 \cdot a \cdot b + 2 \cdot a \cdot c + 2 \cdot b \cdot c$$

$$P = 2 \cdot 7 \cdot 5 + 2 \cdot 7 \cdot 12 + 2 \cdot 5 \cdot 12$$

$$P = 70 + 168 + 120$$

$$P = \underline{358 \text{ dm}^2}$$

6. a) To je mreža KOCKE.

b) Ena ploskev meri 81 cm^2 . Površina meri 486 cm^2 ,
rob pa 9 cm .

$$\frac{81 \cdot 6}{486}$$

$$81 = \underline{9} \cdot \underline{9}$$
$$a = 9 \text{ cm}$$

7. a) PRAVOKOTNIK

b) GEOM. TELO

c) 12

d) kvader ima 8 oglišč, 6 ploskev in 12 robov.