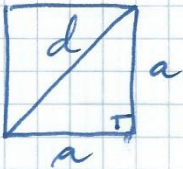


#### 4. URA - UTRJEVANJE - REŠITVE

U št. 186/6

KVADRAT



$$\sigma = 32 \text{ cm}$$

$$p =$$

$$d =$$

$$a = 32 : 4$$

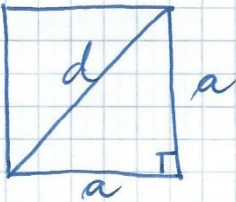
$$a = 8 \text{ cm}$$

$$d = a \cdot \sqrt{2}$$

$$d = 8 \cdot \sqrt{2} \text{ cm} = 11,28 \text{ cm}$$

U št. 186/4

KVADRAT



$$p = 121 \text{ cm}^2$$

$$\sigma =$$

$$d =$$

Razlaga:

- iz  $p$  izračunam  $a$
- po formuli izračunam obseg
- po formuli izračunam diagonalo

$$p = a^2$$

$$121 = a^2$$

$$a = \sqrt{121}$$

$$a = 11 \text{ cm}$$

$$\sigma = 4 \cdot a$$

$$\sigma = 4 \cdot 11$$

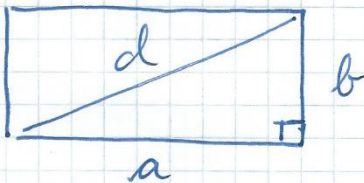
$$\sigma = 44 \text{ cm}$$

$$d = a \cdot \sqrt{2}$$

$$d = 11 \cdot \sqrt{2} \text{ cm} = 15,51 \text{ cm}$$

U št. 186/8

PRAVOKOTNIK



$$a = 8 \text{ cm}$$

$$d = 1\frac{1}{4} \cdot 8 = \frac{5 \cdot 8 \cdot 2}{4 \cdot 1 \cdot 1} = 10 \text{ cm}$$

$$b =$$

$$\sigma =$$

$$p =$$

$$b^2 = d^2 - a^2$$

$$b^2 = 10^2 - 8^2$$

$$b^2 = 100 - 64$$

$$b^2 = 36$$

$$b = \sqrt{36} = 6 \text{ cm}$$

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

$$\sigma = 2 \cdot 8 + 2 \cdot 10$$

$$\sigma = 36 \text{ cm}$$

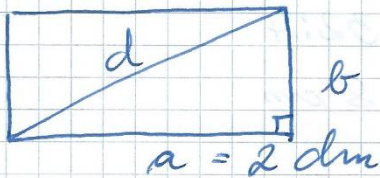
$$p = a \cdot b$$

$$p = 8 \cdot 6$$

$$p = 48 \text{ cm}^2$$

U sb. 186/10

PRAVOKOTNIK



$$p = 4,2 \text{ dm}^2$$

$$a =$$

$$d =$$

$$p = a \cdot b$$

$$4,2 = 2 \cdot b$$

$$b = 4,2 : 2$$

$$b = 2,1 \text{ dm}$$

$$d^2 = a^2 + b^2$$

$$d^2 = 2^2 + 2,1^2$$

$$d^2 = 4 + 4,41$$

$$d^2 = 8,41$$

$$d = \sqrt{8,41}$$

$$d = 2,9 \text{ dm}$$

Rozlaga:

• IZ  $p$  IZRACUNAM  $b$

• PO  $p$  IZRACUNAM  $d$