

Rešitve 8.r (Učb, str. 186, nal. 2 a)ö, 4ac) (23.4.)

186/2a kvadrat

$$a = 3 \text{ cm}$$

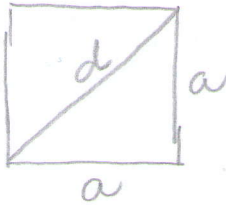
$$d = ?$$

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

$$d = 3 \cdot \sqrt{2} \text{ cm}$$

$$d = 3 \cdot 1,41$$

$$d = \underline{\underline{4,23 \text{ cm}}}$$



č) kvadrat

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

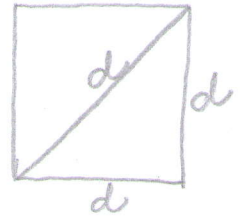
$$d = ?$$

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

$$d = \sqrt{8} \cdot \sqrt{2}$$

$$d = \sqrt{16}$$

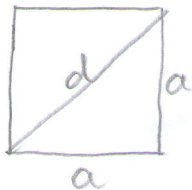
$$d = \underline{\underline{4 \text{ cm}}}$$



4.a)

kvadrat  
 $d = 14,1 \text{ cm}$

$$\sigma, \nu = ?$$



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

$$14,1 = a \cdot 1,41$$

$$a = 14,1 : 1,41$$

$$a = 10 \text{ cm}$$

$$\sigma = 4a$$

$$\sigma = 4 \cdot 10$$

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

$$\nu = a^2$$

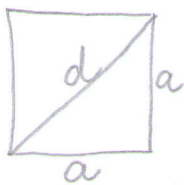
$$\nu = 10^2$$

$$\nu = \underline{\underline{100 \text{ cm}^2}}$$

c) kvadrat

$$d = 7\sqrt{2} \text{ cm}$$

$$\sigma, \nu = ?$$



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

$$7\sqrt{2} = a \cdot \sqrt{2}$$

$$7 = a$$

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

$$\sigma = 4 \cdot a$$

$$\sigma = 4 \cdot 7$$

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

$$\nu = a^2$$

$$\nu = 7^2$$

$$\nu = 49 \text{ cm}^2$$