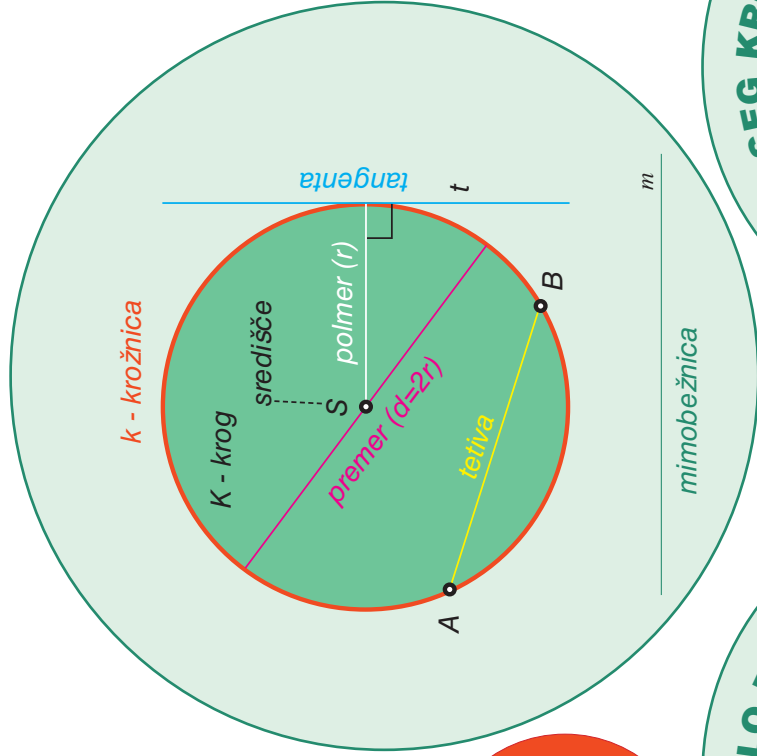
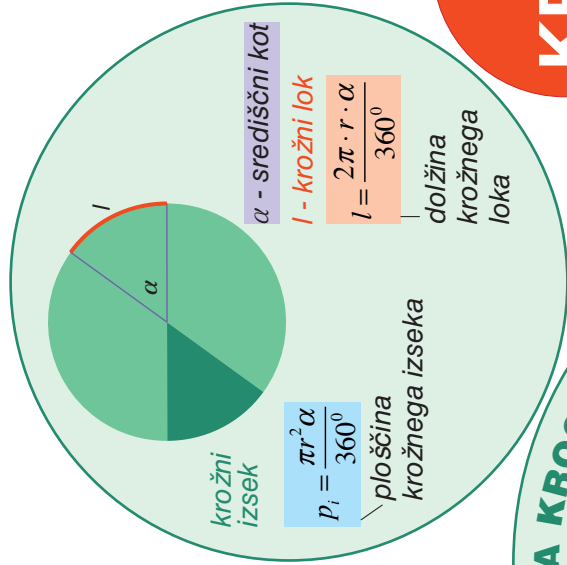
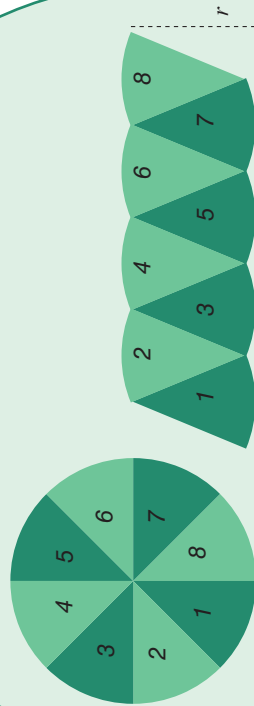




KROG



PLOŠČINA KROGA



$$p = \pi \cdot r \cdot r$$

$$p = \pi \cdot r^2$$

[cm², mm², dm², m²]

$$\frac{1}{2} \cdot o = \pi \cdot r$$

ŠTEVILO PI

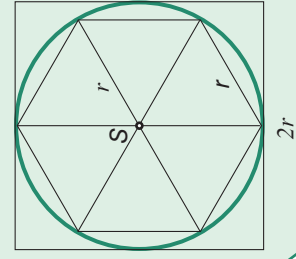
π - pi
(Ludolfovo število)

$$\pi \doteq 3,14$$

$$\pi = \frac{22}{7}$$



OBSEG KROGA



$$0_0 < 0_\infty < 0_\square$$

$$3 \cdot 2r < 0_0 < 4 \cdot 2r$$

$$o = 3,14 \cdot 2 \cdot r$$

$$o = \pi \cdot 2 \cdot r$$

[cm, mm, dm, m]

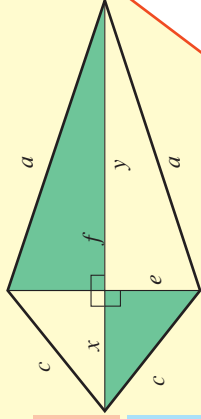
DELTOID

$$a^2 = \left(\frac{e}{2}\right)^2 + y^2$$

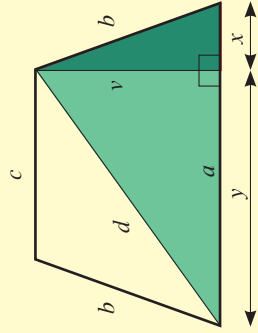
$$c^2 = \left(\frac{e}{2}\right)^2 + x^2$$

$$p = \frac{e \cdot f}{2}$$

$$o = 2 \cdot a + 2 \cdot c \quad f = x + y$$



ENAKOKRAKI TRAPEZ



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

$$p = \frac{a+c}{2} \cdot v \quad s = \frac{a+c}{2} \text{ srednjica}$$

$$x = \frac{a-c}{2}$$

$$y = \frac{a+c}{2}$$

$$b^2 = v^2 + \left(\frac{a-c}{2}\right)^2$$

$$d^2 = v^2 + \left(\frac{a+c}{2}\right)^2$$

UPORABA PITAGOROVEGA IZREKA



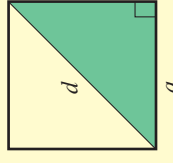
$$h^2 = k_1^2 + k_2^2$$

$$k_1^2 = h^2 - k_2^2$$

$$o = k_1 + k_2 + h$$

$$p = \frac{k_1 \cdot k_2}{2}$$

KVADRAT



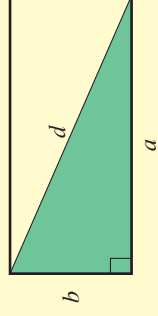
$$d^2 = a^2 + a^2$$

$$d = a \cdot \sqrt{2} \quad \sqrt{2} \approx 1,41$$

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

$$o = 4 \cdot a \quad p = a^2$$

PRAVOKOTNIK



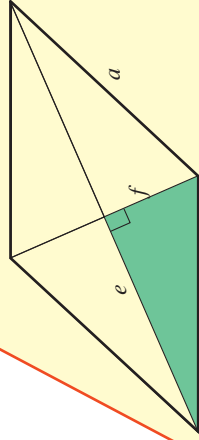
$$d^2 = a^2 + b^2$$

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

$$a = \sqrt{d^2 - b^2}$$

$$o = 2 \cdot a + 2 \cdot b \quad p = a \cdot b$$

ROMB



$$a^2 = \left(\frac{e}{2}\right)^2 + \left(\frac{f}{2}\right)^2$$

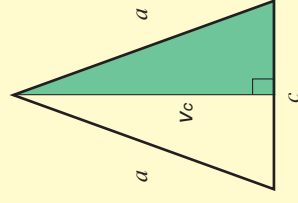
$$\left(\frac{e}{2}\right)^2 = a^2 - \left(\frac{f}{2}\right)^2$$

$$\left(\frac{f}{2}\right)^2 = a^2 - \left(\frac{e}{2}\right)^2$$

$$o = 4 \cdot a$$

$$p = \frac{e \cdot f}{2} = a \cdot v_a$$

ENAKOKRAKI TRIKOTNIK



$$a^2 = v_c^2 + \left(\frac{c}{2}\right)^2$$

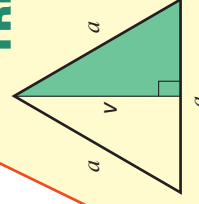
$$v_c^2 = a^2 - \left(\frac{c}{2}\right)^2$$

$$v_c = \sqrt{a^2 - \left(\frac{c}{2}\right)^2}$$

$$o = 2 \cdot a + c$$

$$p = \frac{c \cdot v_c}{2}$$

ENAKOSTRANIČNI TRIKOTNIK



$$a^2 = v^2 + \left(\frac{a}{2}\right)^2$$

$$v^2 = a^2 - \left(\frac{a}{2}\right)^2$$

$$o = 3 \cdot a$$

$$p = \frac{a^2 \cdot \sqrt{3}}{4}; \sqrt{3} \approx 1,73 \quad v = \frac{a \cdot \sqrt{3}}{2}; a = \frac{2 \cdot v \cdot \sqrt{3}}{3}$$