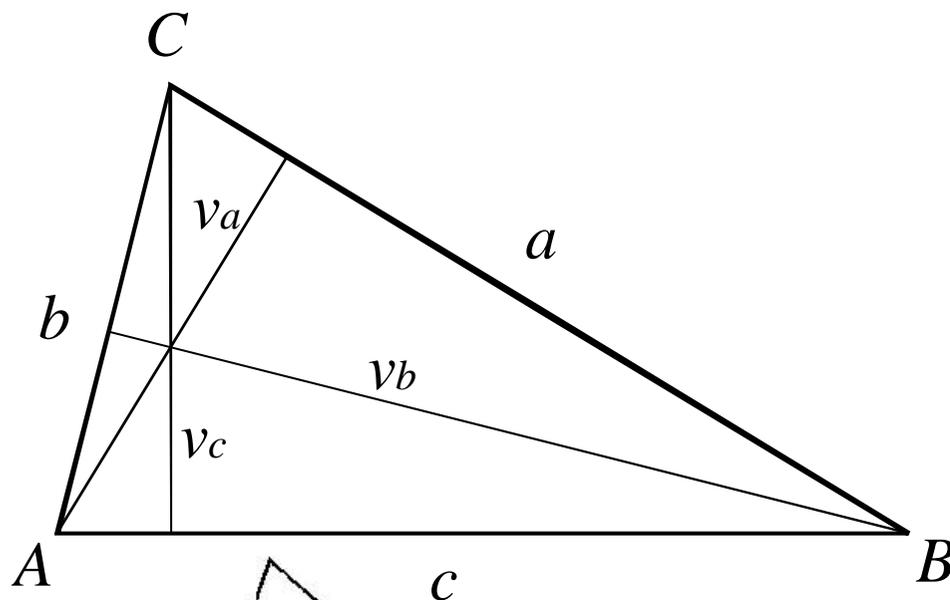


TROKUT

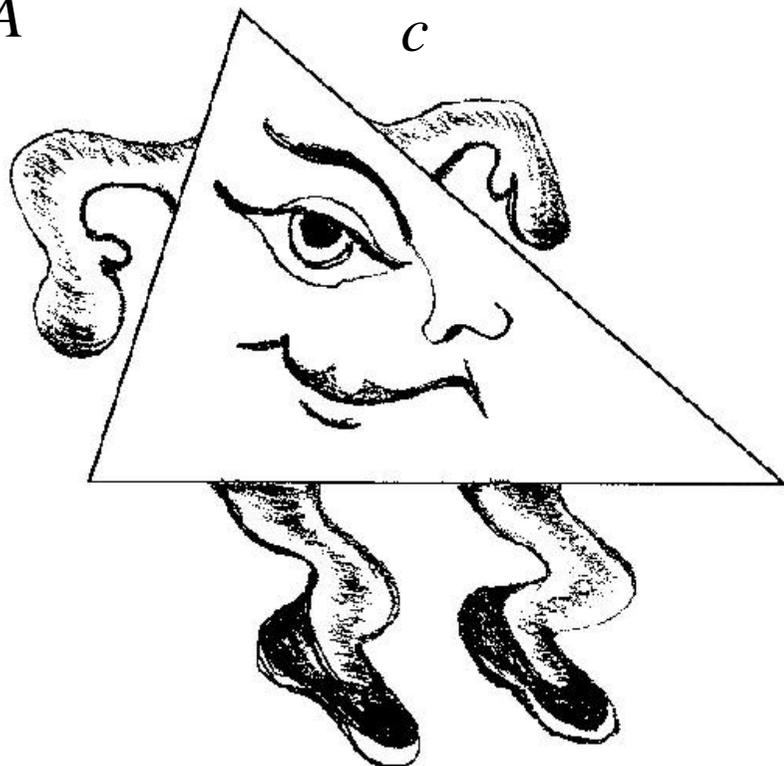


$$O = a + b + c$$

$$P = \frac{a \cdot v_a}{2}$$

$$P = \frac{b \cdot v_b}{2}$$

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



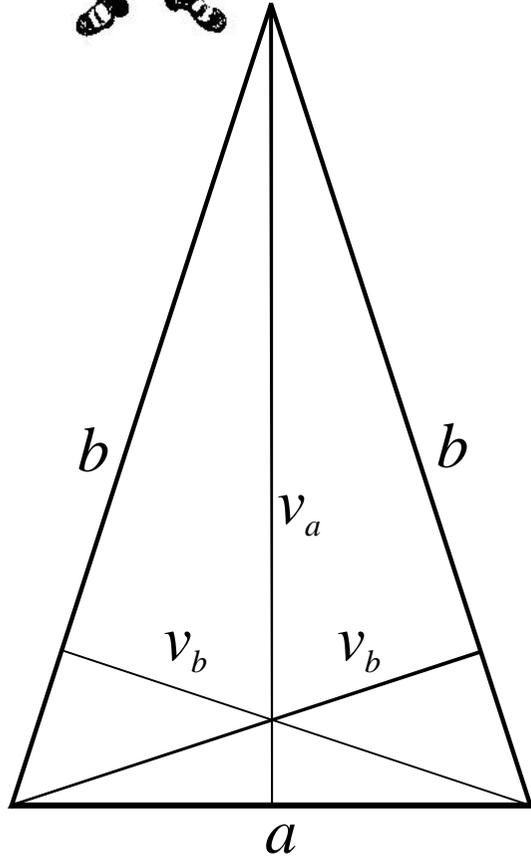
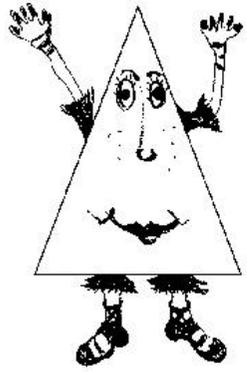
Ilustracija: Topalov Olivera

Zbroj unutrašnjih kutova trokuta je 180° .

Zbroj vanjskih kutova trokuta je 360° .

Design by Mezei-Belovai

JEDNAKOKRACNI TROKUT

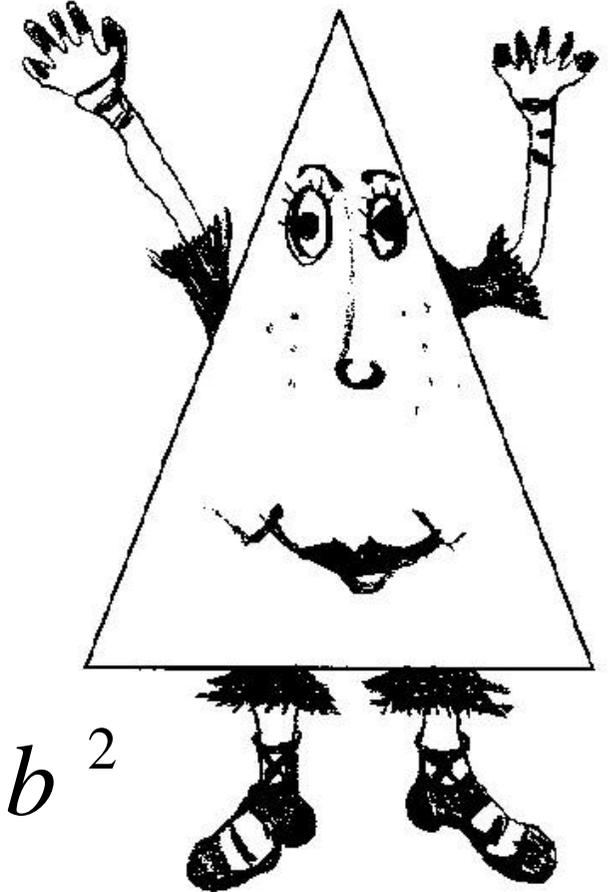


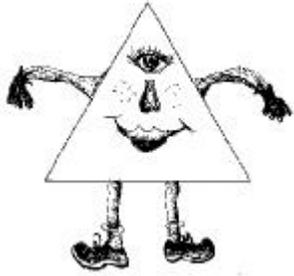
$$O = a + 2b$$

$$P = \frac{a \cdot v_a}{2}$$

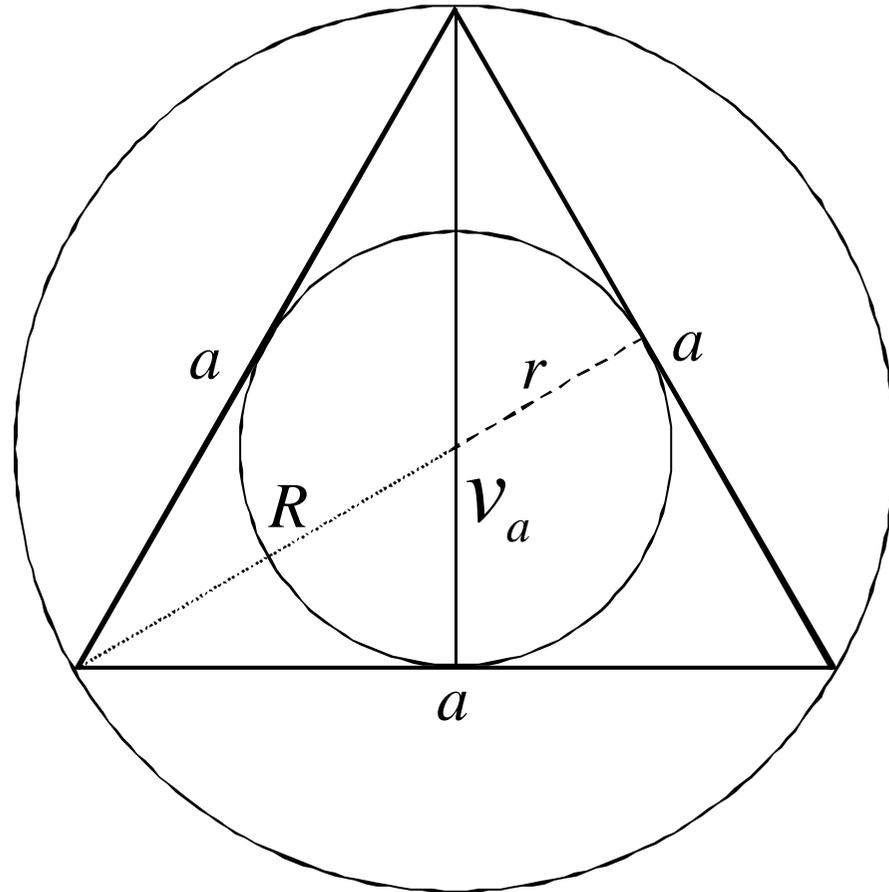
$$P = \frac{b \cdot v_b}{2}$$

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





JEDNAKOSTRANICNI TROKUT



$$O = 3a$$

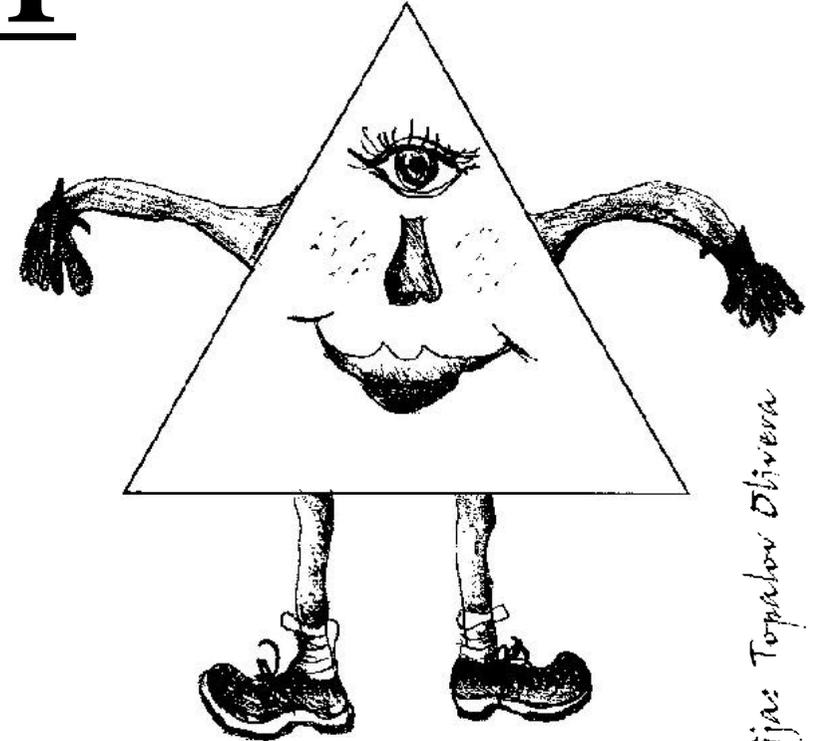
$$P = \frac{a \cdot v_a}{2}$$

$$v_a = \frac{a\sqrt{3}}{2}$$

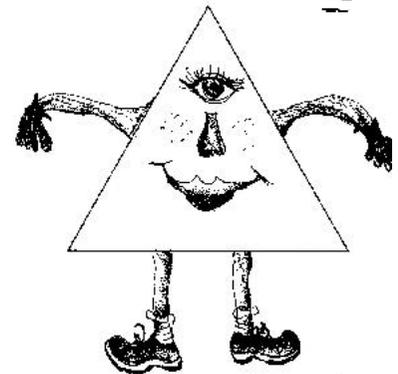
$$P = \frac{a^2\sqrt{3}}{4}$$

$$r = \frac{1}{3}v_a = \frac{a\sqrt{3}}{6}$$

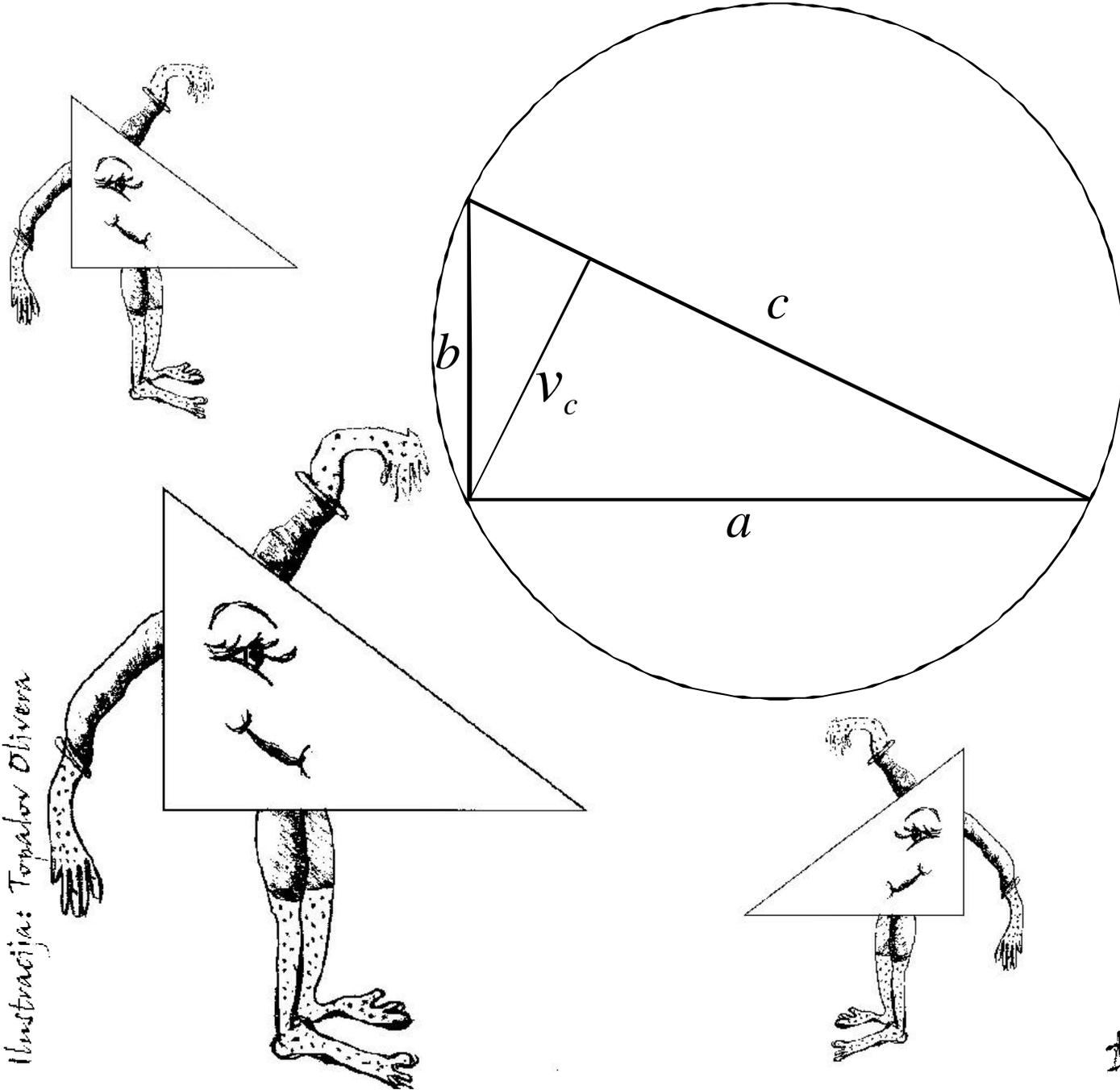
$$R = \frac{2}{3}v_a = \frac{a\sqrt{3}}{3}$$



Ilustracija: Topalov Olivera



PRAVOKUTNI TROKUT



Ilustracija: Topalov Olivera

$$O = a + b + c$$

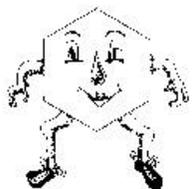
$$P = \frac{a \cdot b}{2}$$

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

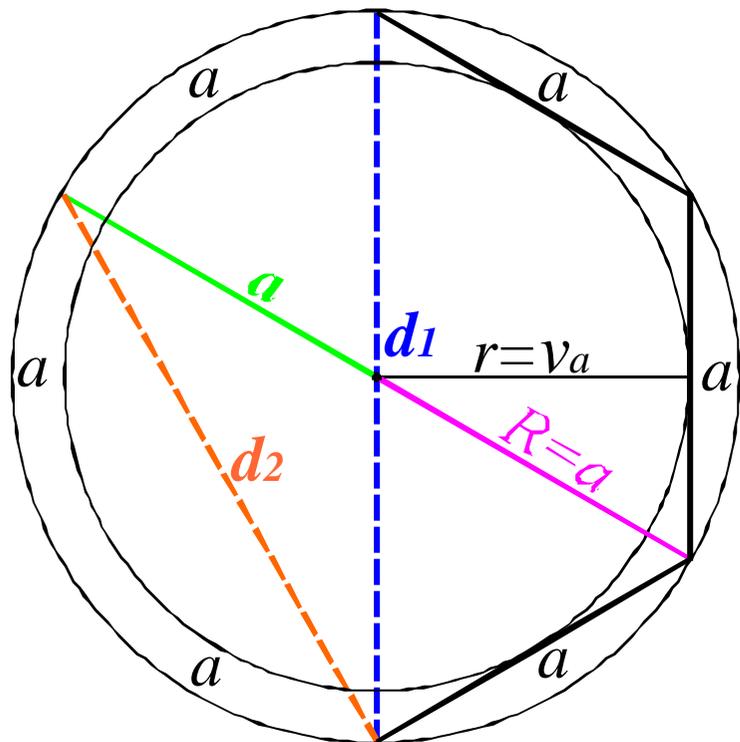
$$a^2 + b^2 = c^2$$

$$R = \frac{c}{2}$$

Design by Mezei-Belovai



PRAVILNI ŠESTEROKUT



$$O = 6a$$

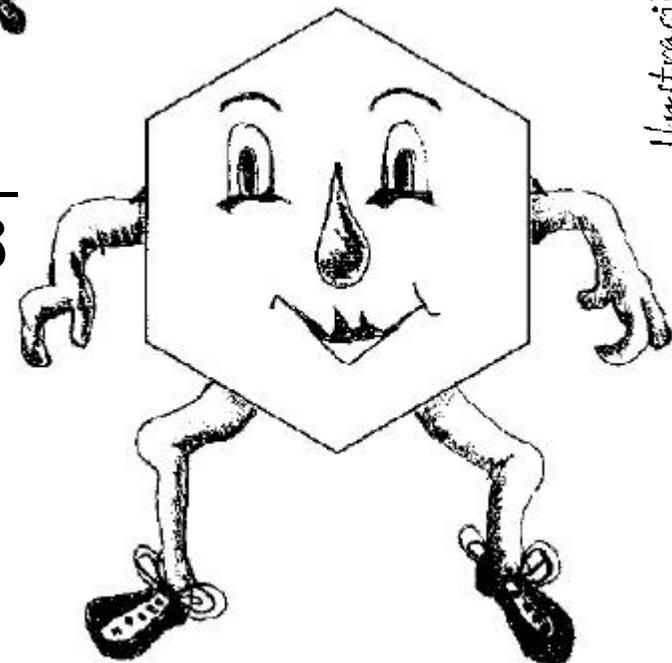
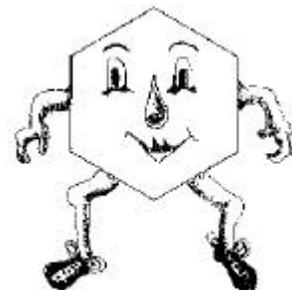
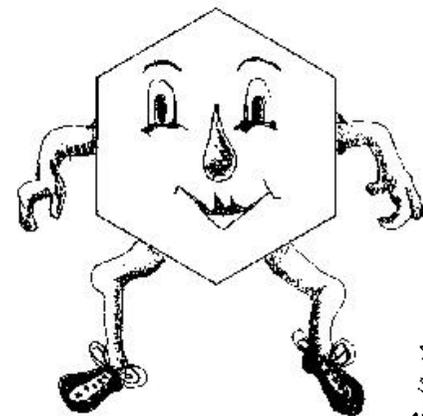
$$P = 6 \cdot \frac{a^2 \sqrt{3}}{4} = \frac{3a^2 \sqrt{3}}{2}$$

$$R = a$$

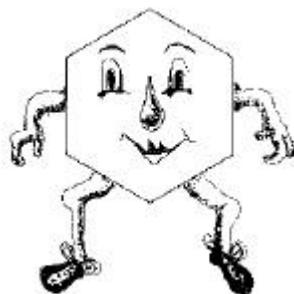
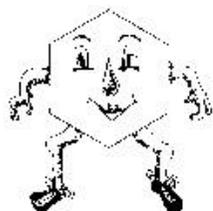
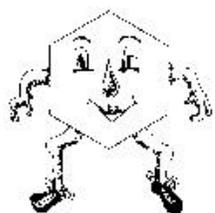
$$r = \frac{a \sqrt{3}}{2}$$

$$d_1 = 2a$$

$$d_2 = 2 \cdot \frac{a \sqrt{3}}{2} = a \sqrt{3}$$



Ilustracijas: Tomatov Olivers



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