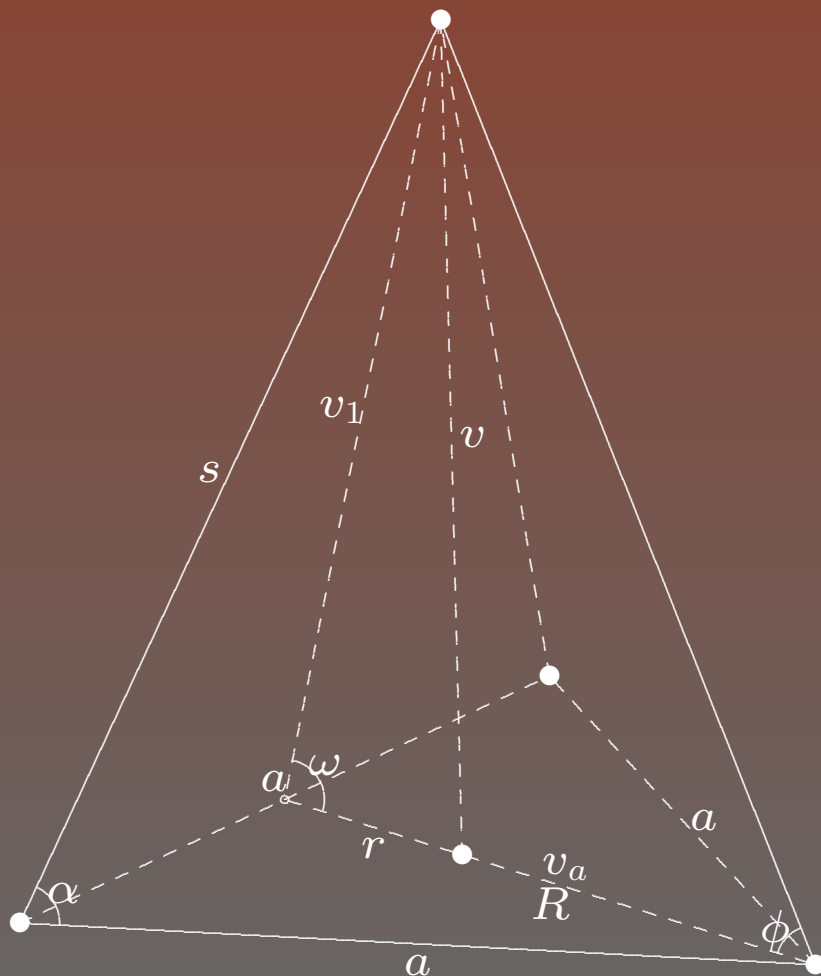


PRAVILNA TRISTRANA PIRAMIDA

$$P = \frac{a^2\sqrt{3}}{4} + 3 \cdot \frac{av_1}{2},$$

$$V = \frac{a^2\sqrt{3} \cdot v}{12}$$



$$v_1^2 = s^2 - \left(\frac{a}{2}\right)^2$$

$$v_1^2 = v^2 + r^2$$

$$s^2 = R^2 + v^2$$

$$\sin \omega = \frac{v}{v_1}$$

$$\sin \phi = \frac{v}{s}$$

$$\sin \alpha = \frac{v_1}{s}$$

PRAVILNA ŠTIRISTRANA PIRAMIDA

$$P = a^2 + 2av_1, \quad V = \frac{a^2 \cdot v}{3}$$

$$v_1^2 = s^2 - \left(\frac{a}{2}\right)^2$$

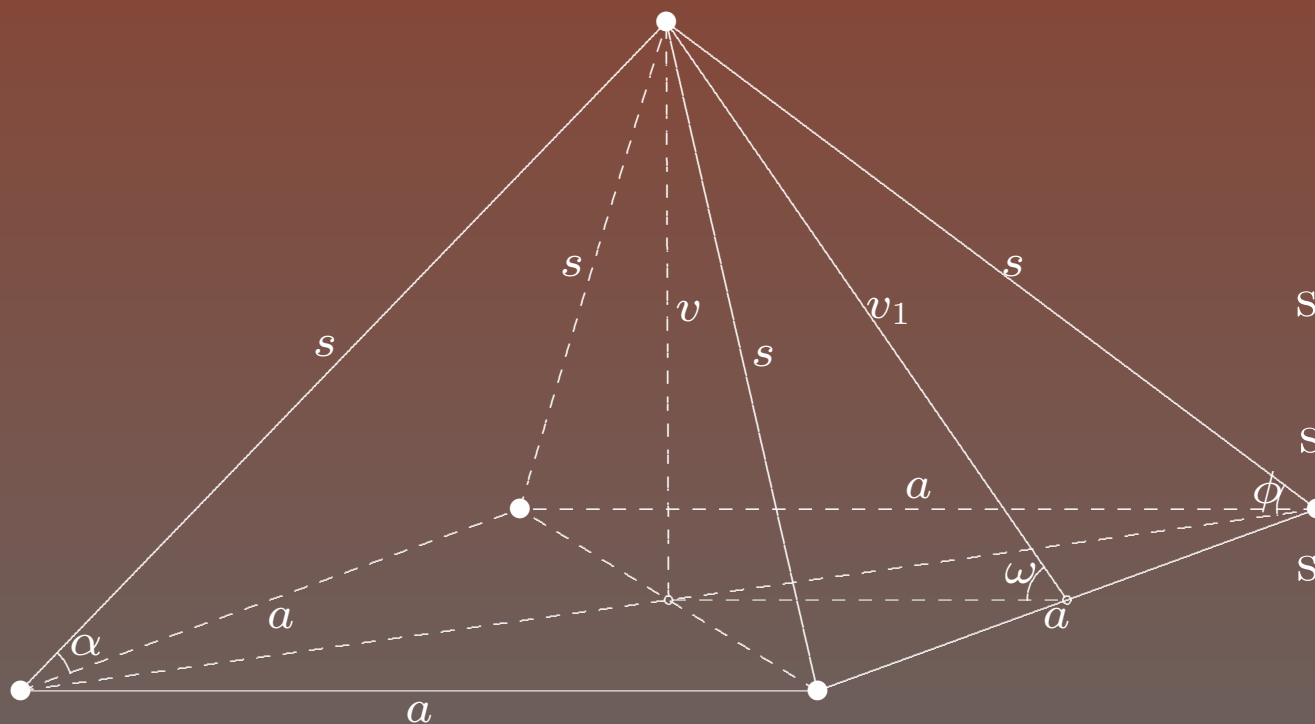
$$v_1^2 = v^2 + \left(\frac{a}{2}\right)^2$$

$$s^2 = \left(\frac{a}{2}\right)^2 + v_1^2$$

$$\sin \omega = \frac{v}{v_1}$$

$$\sin \phi = \frac{v}{s}$$

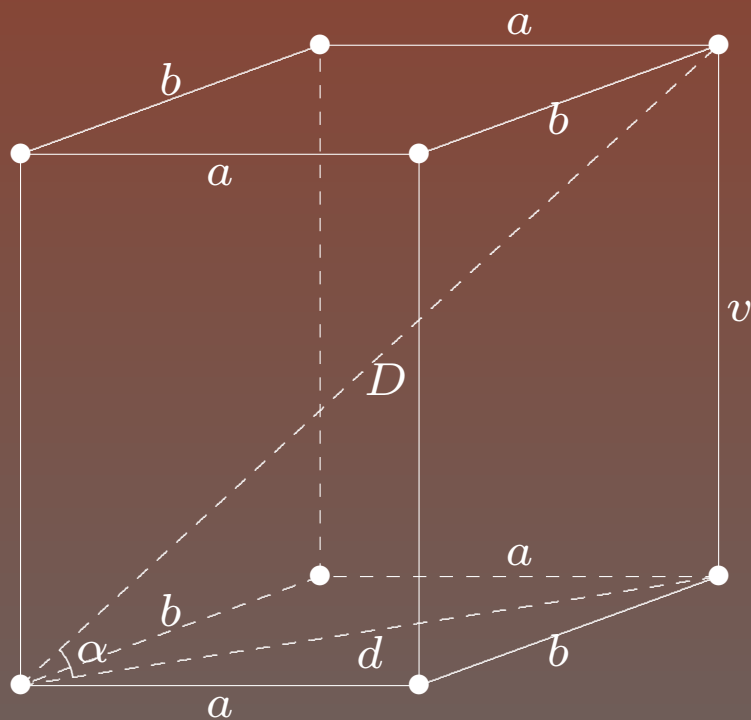
$$\sin \alpha = \frac{v_1}{s}$$



KVADER

$$P = 2ab + 2ac + 2bc,$$

$$V = abc$$

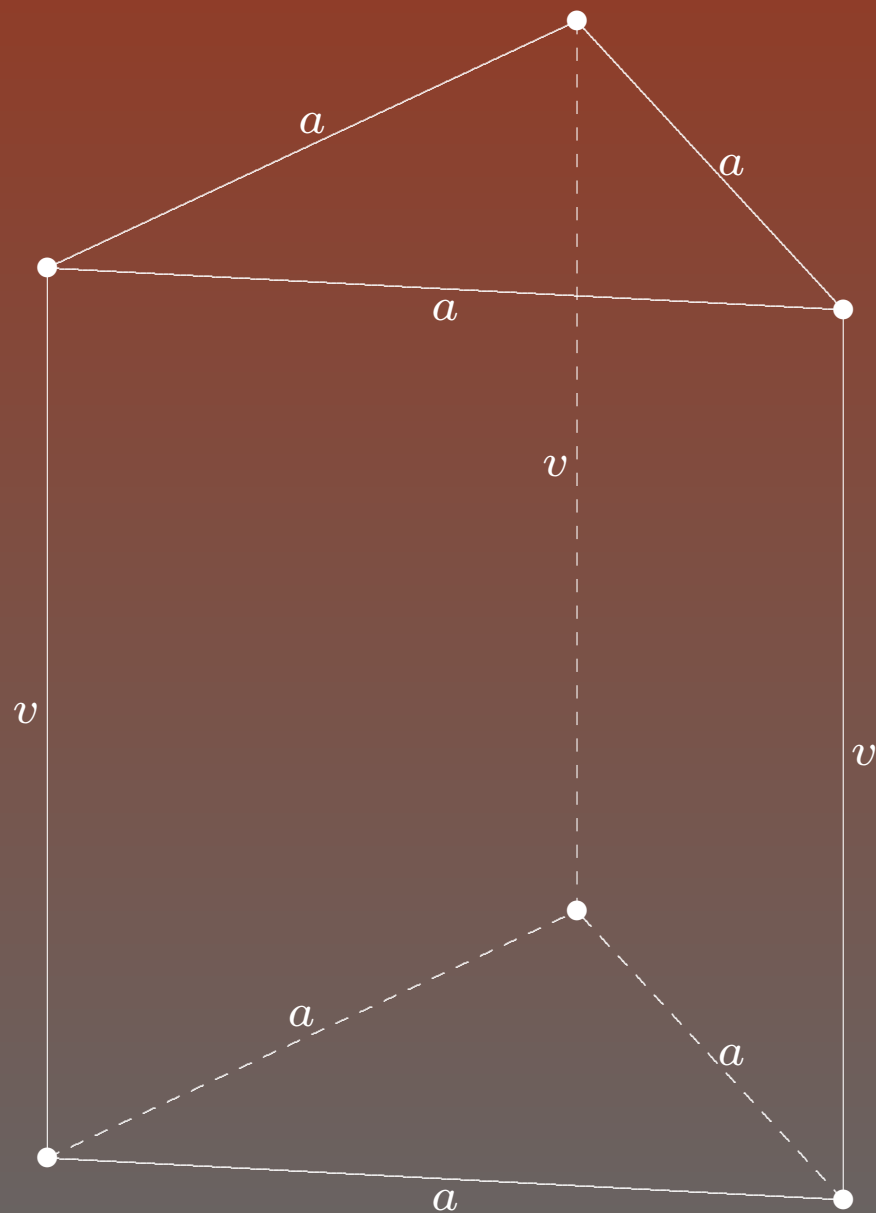


$$d = \sqrt{a^2 + b^2}$$

$$D = \sqrt{a^2 + b^2 + c^2}$$

$$\cos \alpha = \frac{d}{D}$$

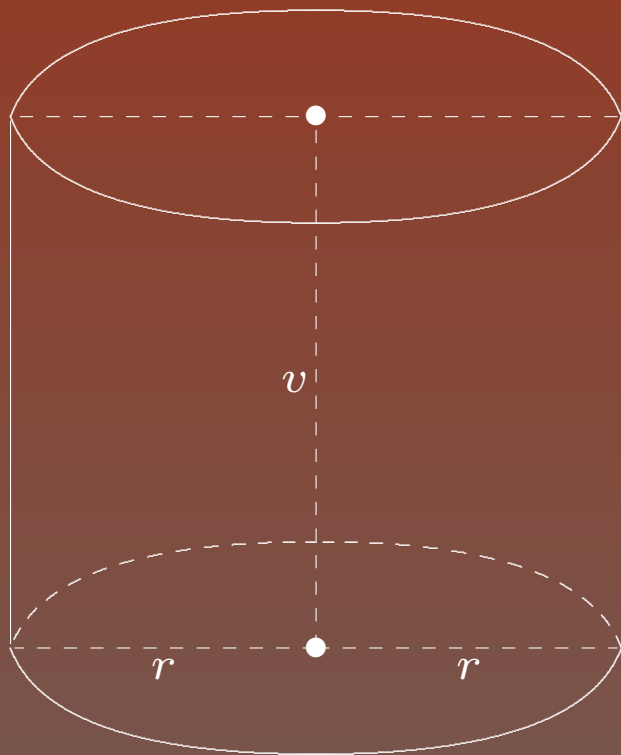
PRAVILNA TRISTRANA PRIZMA



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

$$V = \frac{a^2 \sqrt{3}}{4} \cdot v$$

VALJ

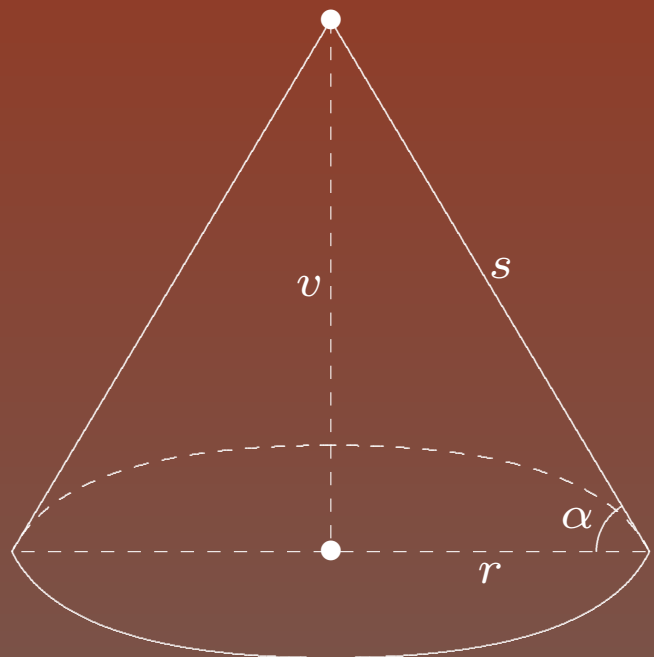


$$\begin{aligned} P &= 2 \cdot S_0 + S_{pl} \\ &= 2\pi r^2 + 2\pi r \cdot v \end{aligned}$$

$$\begin{aligned} V &= S_0 \cdot v \\ &= \pi r^2 \cdot v \end{aligned}$$

$$\frac{S_{pl}}{S_{op}} = \pi$$

STOŽEC



$$P = S_0 + S_{pl}$$

$$= \pi r^2 + \pi \cdot r \cdot s$$

$$V = \frac{S_0 \cdot v}{3}$$

$$= \frac{\pi r^2 \cdot v}{3}$$

$$s^2 = r^2 + v^2$$

$$\cos \alpha = \frac{r}{s}$$