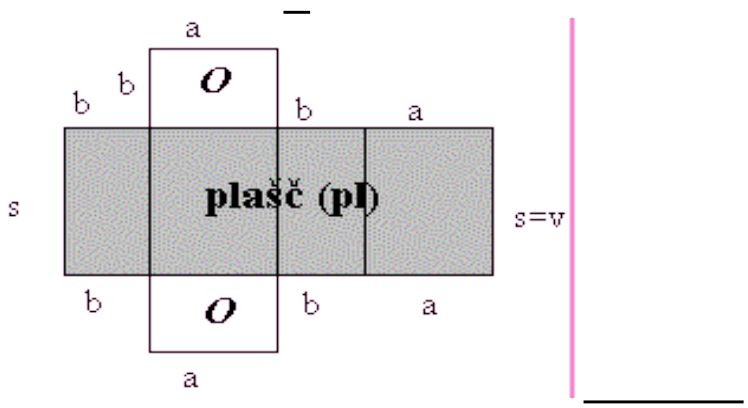
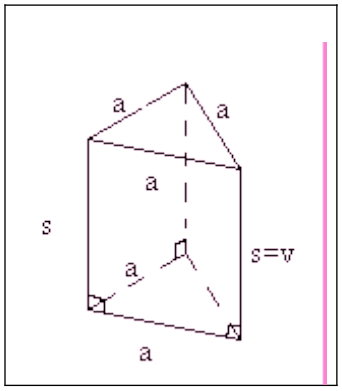
FORMULE ZA PRIZME



$P = 2.O + pl$

$pl = o.v$

$V = O.v$

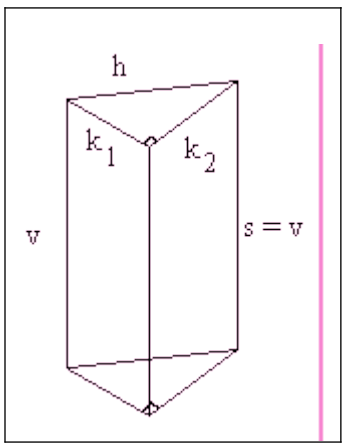


ENAKOSTRANIČNI TRIKOTNIK

$$O = \frac{a^2\sqrt{3}}{4} \qquad P = 2.\frac{a^2\sqrt{3}}{4} + 3a.v$$

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

o = 3.a **pl** = 3.a.v

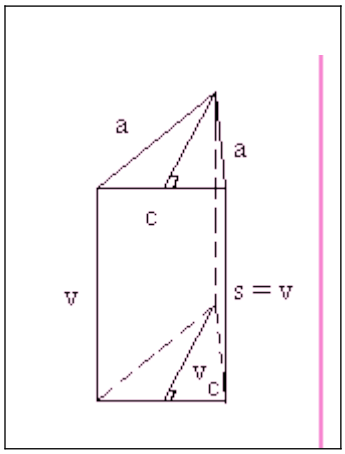


PRAVOKOTNI TRIKOTNIK

$$O = \frac{k_1 \cdot k_2}{2} \qquad P = 2.\frac{k_1 \cdot k_2}{2} + (k_1+k_2+h).v$$

$$V = \frac{k_1 \cdot k_2}{2}.v$$

o = $k_1 + k_2 + h$ **pl** = **(**$k_1 + k_2 + h$).v

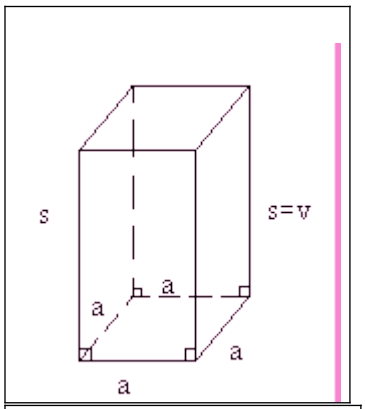


ENAKOKRAKI TRIKOTNIK

$$O = \frac{c \cdot v_c}{2} \qquad P = 2.\ \frac{c \cdot v_c}{2} + (2.a + c).v$$

$$V = \frac{c \cdot v_c}{2} .v$$

o = 2.a + c **pl** = (2.a + c).v

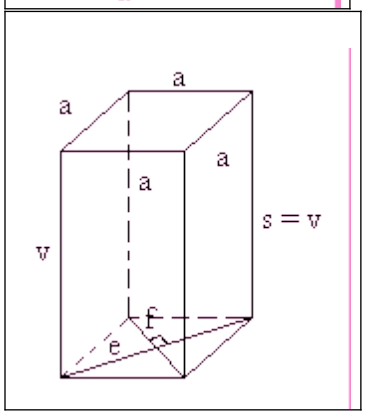


PRAVILNA ŠTIRISTRANA PRIZMA

O = a^2 **P** = $2.a^2 + 4.a.v$

V = a^2 . v

o = 4.a **pl** = 4.a.v

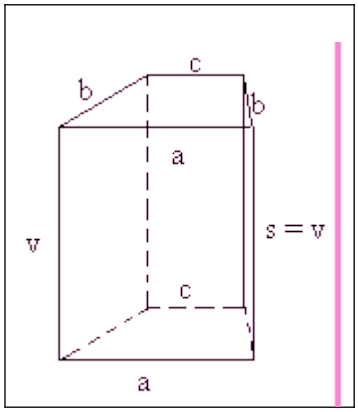


ROMB

$$O = \frac{e \cdot f}{2} \qquad P = 2.\ \frac{e \cdot f}{2} + 4a.v$$

$$V = \frac{e \cdot f}{2} .v$$

o = a + 2.b + c **pl** = 4.a.v

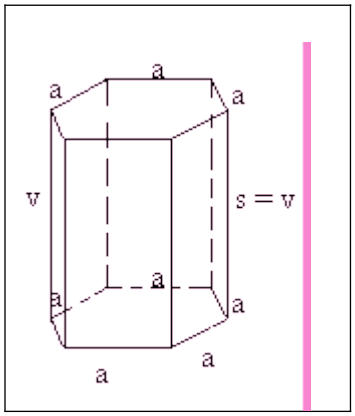


TRAPEZ

$$O = \frac{e \cdot f}{2} \qquad P = 2.\ \frac{e \cdot f}{2} + 4a.v$$

$$V = \frac{e \cdot f}{2} .v$$

o = 4.a **pl** = 4.a.v



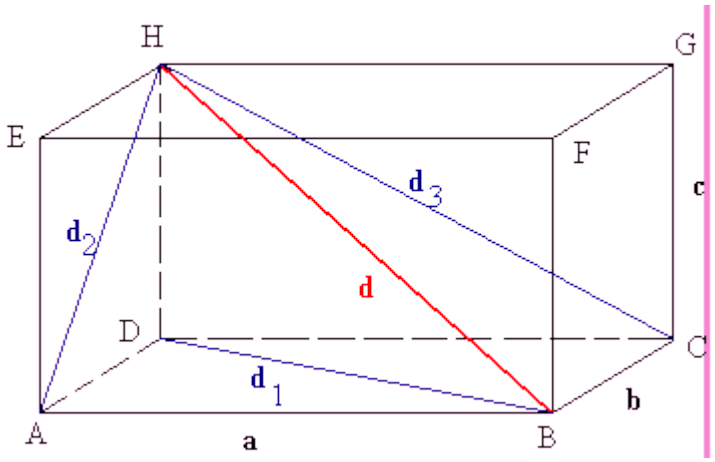
PRAVILNA ŠESTSTRANA PRIZMA

$$O = 6.\frac{a^2\sqrt{3}}{4} \qquad P = 2.\ 6.\frac{a^2\sqrt{3}}{4} + 6.a.v$$

$$V = 6.\frac{a^2\sqrt{3}}{4}\ .\ v$$

o = 6.a **pl** = 6.a.v

DIAGONALE



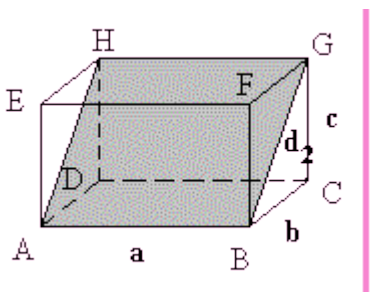
$d_1^2 = a^2 + b^2$

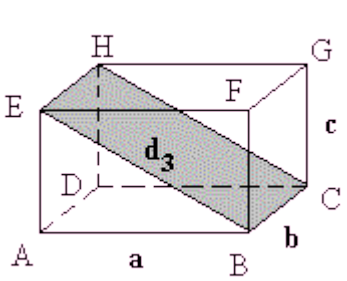
$d_2^2 = b^2 + c^2$

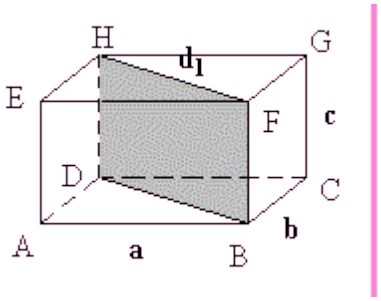
$d_3^2 = a^2 + c^2$

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

DIAGONALNI PRESEK







ploščina preseka = $a.d_2$ ploščina preseka = $b.d_3$ ploščina preseka = $c.d_1$