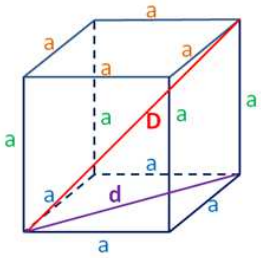
# HASÁB

## KOCKA



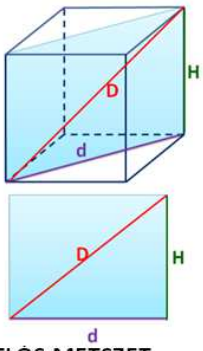
$F = 6 \cdot a^2$

$V = a^3$

$D = a\sqrt{3}$

$d = a\sqrt{2}$

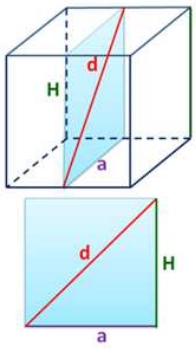
## ÁTLÓS METSZET



$T_d = d \cdot H$

$D^2 = d^2 + H^2$

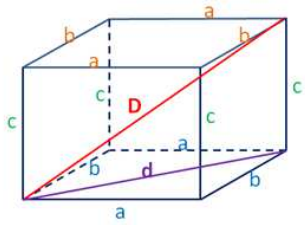
## SÍKMETSZET



$T_s = a \cdot H$

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

## TÉGLATEST



$F = 2 \cdot ab + 2 \cdot ac + 2 \cdot bc$

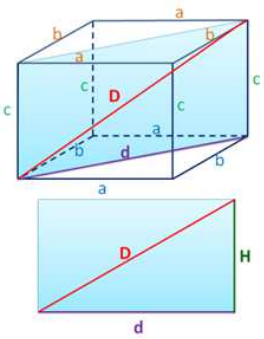
$F = 2 \cdot (ab + ac + bc)$

$V = a \cdot b \cdot c$

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

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

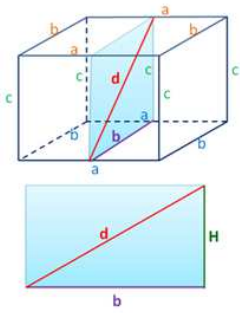
## ÁTLÓS METSZET



$T_d = d \cdot H$

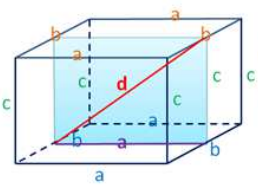
$D^2 = d^2 + H^2$

## SÍKMETSZET



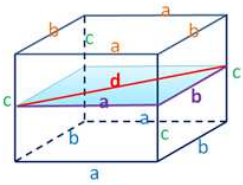
$T_s = b \cdot H$

$d^2 = b^2 + H^2$



$T_s = a \cdot H$

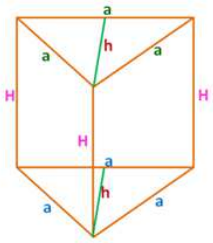
$d^2 = a^2 + H^2$



$T_s = a \cdot b$

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

## SZABÁLYOS HÁROMOLDALÚ HASÁB



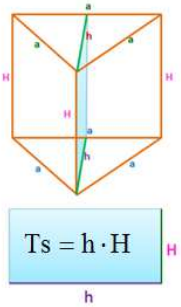
$F = 2 \cdot At + Pt$

$At = \frac{a^2\sqrt{3}}{4}$ $\quad Pt = 3aH$

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

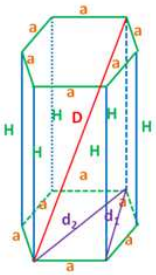
$h = \frac{a\sqrt{3}}{2}$

## SÍKMETSZET



$Ts = h \cdot H$

## SZABÁLYOS HATOLDALÚ HASÁB



$F = 2 \cdot At + Pt$

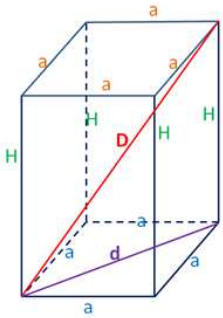
$At = 6\frac{a^2\sqrt{3}}{4}$ $\quad Pt = 6aH$

$V = At \cdot H = 6\frac{a^2\sqrt{3}}{4} \cdot H$

$d_1 = a\sqrt{3}$

$d_2 = 2a$

## SZABÁLYOS NÉGYOLDALÚ HASÁB



$F = 2 \cdot At + Pt$

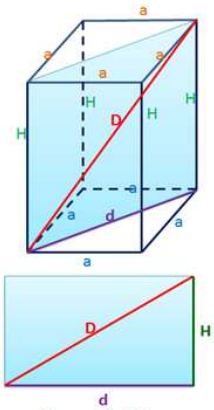
$At = a^2$ $\quad Pt = 4aH$

$F = 2a^2 + 4aH$

$F = 2a(2a + 2H)$

$V = At \cdot H$ $\quad V = a^2 \cdot H$

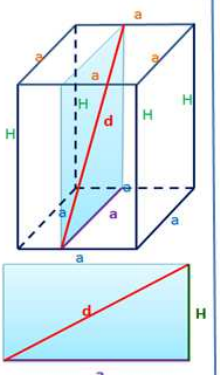
## ÁTLÓS METSZET



$T_d = d \cdot H$

$D^2 = d^2 + H^2$

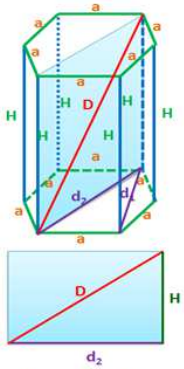
## SÍKMETSZET



$T_s = a \cdot H$

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

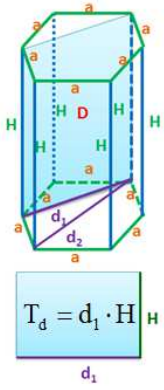
## ÁTLÓS METSZET NAGYOBBIK ÁTLÓ



$T_d = d_2 \cdot H$

$D^2 = d_2^2 + H^2$

## ÁTLÓS METSZET KISEBBIK ÁTLÓ



$T_d = d_1 \cdot H$