Périmètre

Périmètre ya polygone ekokani na somme ya bolai ya mipanzi na yango.

Circonférence ya Cercle moko

$C = \pi d$ to $C = 2\pi r$

$\pi \approx 3.14$

Esika

Triangle $A = \frac{1}{2} bh$

Rectangle $A = bh$ to $A = lw$

Cercle $A = \pi r^2$

Etanda ya Likolo

Etanda mobimba ya basurface 2-dimensions oyo esali eloko ya badimension 3.

Volime

Prisme Rectangulaire ya Loboko ya Mobali

$\qquad\qquad V = lwh$ to $V = Bh$

Prisme ya loboko ya mobali $V = Bh$

Cylindre $V = \pi r^2 h$

Kon $V = \frac{1}{3} \pi r^2 h$

Sphère $V = \frac{4}{3} \pi r^3$

Piramide $V = \frac{1}{3} Bh$

Formule ya Pente

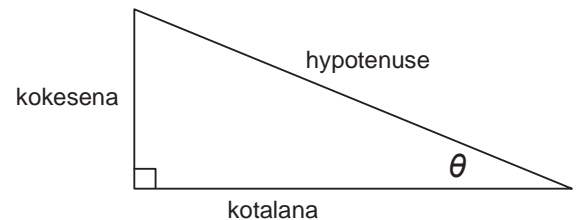$m = \dfrac{y_2 - y_1}{x_2 - x_1}$

Equation ya linéaire

$y = mx + b$

Théorème ya Pythagore

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

Ndimbola ya Misala ya Trigonométrique

Mpo na $0° < \theta < 90°$,

$\sin \theta = \dfrac{\text{na bokeseni}}{\text{hypotenuse}}$

$\cos \theta = \dfrac{\text{na kotalana}}{\text{hypotenuse}}$

$\tan \theta = \dfrac{\text{na bokeseni}}{\text{kotalana}}$

Moyenne

$x = \dfrac{x_1 + x_2 + x_3 + \ldots + x_n}{n}$

Molongo ya Interquartile

$IQR = Q_3 - Q_1$

Bokeseni kati na quartile ya misato mpe quartile ya liboso ya ensemble ya badonnée.

Bopengwi ya Standard

$\sigma = \sqrt{\dfrac{\left(x_1 - \overline{x}\right)^2 + \left(x_2 - \overline{x}\right)^2 + \ldots + \left(x_n - \overline{x}\right)^2}{n}}$