



Prozentrechnen

Prozentwert: $W = \frac{G \cdot p}{100}$

Grundwert: $G = \frac{100 \cdot W}{p}$

Prozentsatz: $p = \frac{100 \cdot W}{G}$

Zinsrechnen, Laufzeit t in Tage

Zinsen: $Z = \frac{K \cdot p \cdot t}{100 \cdot 360}$

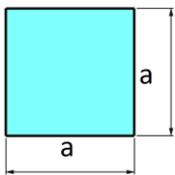
Kapital: $K = \frac{Z \cdot 100 \cdot 360}{p \cdot t}$

Zinssatz: $p = \frac{Z \cdot 100 \cdot 360}{K \cdot t}$

Laufzeit: $t = \frac{Z \cdot 100 \cdot 360}{K \cdot p}$

Flächen: U = Umfang, A = Flächeninhalt

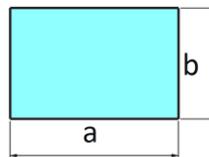
Quadrat



$U = 4 \cdot a$

$A = a \cdot a$

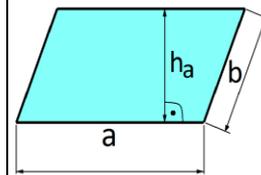
Rechteck



$U = 2 \cdot a + 2 \cdot b$

$A = a \cdot b$

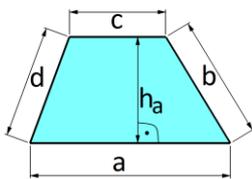
Parallelogramm



$U = 2 \cdot a + 2 \cdot b$

$A = a \cdot h_a$

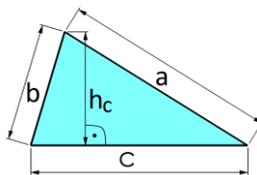
Trapez



$U = a + b + c + d$

$A = \frac{a + c}{2} \cdot h_a$

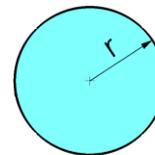
Dreieck



$U = a + b + c$

$A = \frac{c \cdot h_c}{2}$

Kreis

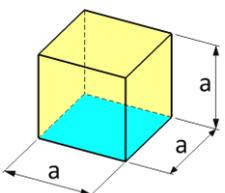


$U = 2 \cdot \pi \cdot r$

$A = \pi \cdot r \cdot r$

Körper: V = Volumen, O = Oberfläche

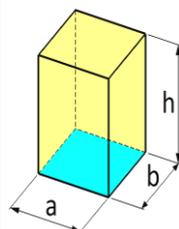
Würfel



$V = a \cdot a \cdot a$

$O = 6 \cdot a \cdot a$

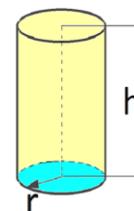
Quader



$V = a \cdot b \cdot h$

$O = 2 \cdot (a \cdot b + a \cdot h + b \cdot h)$

Zylinder



$V = \pi \cdot r \cdot r \cdot h$