V = a*b*h
O = a*b*2+a*h*2+b*h*2

V = a*a*a = a³
O = a*a*6
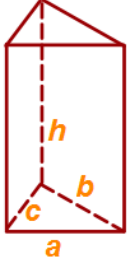
V = Gf *h
Gf = W[s*(s-a)*(s-b)*(s-c)]
s = (a+b+c):2
O = Gf*2 + b*h + c*h + a*h

V = Gf*h
Gf = $\frac{a*ha}{2}$ *6
ha = W[a²-(a/2)²]
O = Gf*2 + a*h*6
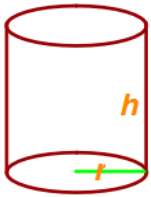
V = r²*Pi*h
O = 2*r²*Pi + 2*r*Pi*h
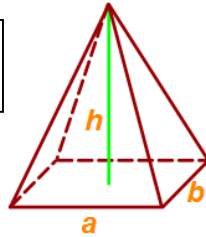
V = $\frac{a*b*h}{3}$
O = a*b + $\frac{a*ha*2}{2}$ + $\frac{b*hb*2}{2}$
ha = W[h²+(b/2)²]
hb = W[h²+(a/2)²]
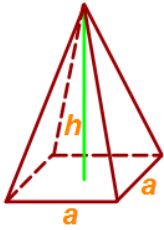
V = $\frac{a²*h}{3}$
O = a² + $\frac{a*ha*4}{2}$
ha = W[h²+(a/2)²]
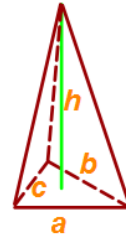
V = $\frac{Gf*h}{3}$
Gf = W[s*(s-a)*(s-b)*(s-c)]
s = (a+b+c):2
O = Gf + $\frac{a*ha}{2}$ + $\frac{b*hb}{2}$ + $\frac{c*hc}{2}$
ha, hb und hc müssen gegeben sein
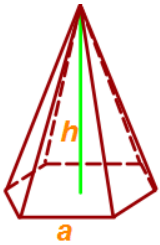
V = $\frac{Gf*h}{3}$
Gf = $\frac{a*ha}{2}$ *6
ha = W[a²-(a/2)²]
O = Gf + $\frac{a*ha_2*6}{2}$
ha₂ = W[h²+ha²]

V = $\frac{r²*Pi*h}{3}$
O = r²*Pi + $\frac{2*r*Pi*s}{2}$
s = W[h²+r²]
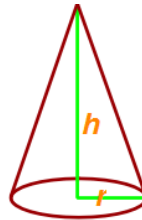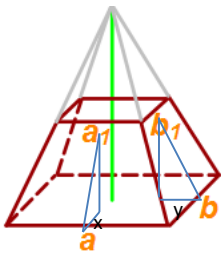
V = $\frac{a*b*H}{3}$ – $\frac{a_1*b_1*h_1}{3}$
O = a*b + a₁*b₁ + $\frac{(a+a_1)*ha*2}{2}$ + $\frac{(b+b_1)*hb*2}{2}$
ha = W[h₂²+x²]
x = (b-b₁):2
hb = W[h₂²+y²]
y = (a-a₁):2

V = r₁²*Pi*h – r₂²*Pi*h
O = (r₁²*Pi – r₂²*Pi)*2 +
+2*r₁*Pi*h + 2*r₂*Pi*h
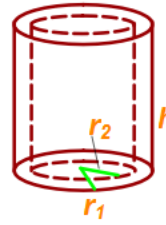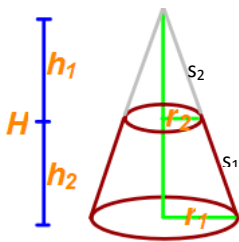
V = $\frac{r_1²*Pi*H}{3}$ – $\frac{r_2²*Pi*h_1}{3}$
O = r₁²*Pi + r₂²*Pi + M
M = $\frac{2*r_1*Pi*s}{2}$ - $\frac{2*r_2*Pi*s_2}{2}$
s = W[h²+r₁²]
s₂ = W[h₁²+r₂²]
Alternativformel für den Mantel:
M = 2*Durchschnittsradius*Pi*s1

V = $\frac{a*b*(h/2)*2}{3}$
O = $\frac{a*ha*4}{2}$ + $\frac{b*hb*4}{2}$
ha = W[(h/2)²+(b/2)²]
hb = W[(h/2)²+(a/2)²]