110519 Name

Fill in the formulas - 378 seconds

Triangle angles sum (α,β,γ)	$\alpha + \beta + \gamma = 180$
Volume of sphere (V,r)	$V = 4/3\pi r^3$
Area of triangle (A,h,w)	$A = hw/2$
Radius of circle (r,d)	$r = d/2$
${}_nP_r$	$nPr = n!/(n-r)!$
Area of rectangle (A,h,w)	$A = hw$
Sum of arithmetic series (Σ,n,F,L)	$\Sigma = n(F+ L)/2$
$(a+b)^2$	$(a+b)^2 = a^2+2a\,b+b^2$
Area of square given diagonal, d (A,d)	$A= d^2/2$
Area of trapezoid (A,a,b,h)	$A = h(a+b)/2$
Prob of A or B ($P_a \mid P_b$, P_a, P_b)	$P_a \mid P_b = P_a + P_b - P_a * P_b$
SA of Rect. prism (SA,h,w,l)	$A = 2(hw+hl+wl)$
Diameter of a circle (d,r)	$d = 2r$
Volume of cone (V,r,h)	$V = 1/3\pi r^2 h$
Sum of #s given mean & # terms (Σ,x_{bar},n)	$\Sigma = n * x_{bar}$
SA of cylinder (SA,r,h)	$A = 2\pi r^2 + 2\pi rh$
Perimeter of rectangle (P,h,w)	$P = 2h+2w$
Area of Rhombus (d_1,d_2)	$A = (d_1 * d_2)/2$
Regular polygon's interior angle (α,n)	$\alpha = 180-360/n$
Range (R, F, L)	$R = L - F$
Definition of Pi (π, C,d)	$\pi = C/d$
${}_nC_r$	$nCr = n!/[(n-r)!r!]$
Area of circle (A,r)	$A= \pi r^2$

Area of square (A,s)	$A = s^2$
Perimeter of a Triangle (P, a,b,c)	$P = a + b + c$
# of Terms in Arithmetic Series (n,R,Δ)	$n = R/\Delta+1$
Prob of A & B (P_a & P_b. P_a, P_b)	P_a & $P_b = P_a * P_b$
# of Ways To Arrange N Distinct Items (N)	$N!$
SA of cube (SA,s)	$A = 6s^2$
Average of **Arithmetic** Series (F,L)	$(F+L)/2$
Volume of rect. Prism (V,h,w,l)	$V = hwl$
Average of Set (x_{bar},Σ,n)	$x_{bar} = \Sigma / n$
Perimeter of square (P,s)	$P = 4s$
Prob of A or B, not both ($P_a \oplus P_b$, P_a, P_b)	$P_a \oplus P_b = P_a + P_b - 2\,P_a * P_b$
$(a+b)(a-b)$	$(a+b)(a-b)=a^2 - b^2$
Space Diagonal of Cube (d, s)	$d = s * sqr(3)$
Circumference of circle (C,d)	$C = \pi d$
Volume of cylinder (V,r,h)	$V = \pi r^2 h$
Area of parallelogram (A,h,w)	$A = hw$
$(a-b)^2$	$(a-b)^2 = a^2-2a\,b+b^2$
SA of sphere (SA,r)	$A = 4\pi r^2$
Volume of Cone or Pyramid (V, B, L)	$V = BL/3$
Pythagorean theorem (a,b,c)	$a^2 + b^2 = c^2$
Volume of Regular Prism or Cylinder (V, B,L)	$V = BL$
Volume of cube (V,s)	$V = s^3$
Circumference of circle (C,r)	$C = 2\pi r$