

Trigonometric	Hyperbolic	Area	Temperatures	Trigonometric
-----	-----	-----	-----	-----
sin(x)	SINH(X)	Circle	C to Fahrenh.	@SIN(C4)
COS(X)	COSH(X)	-----	C to Kelvine	@COS(C4)
TAN(X)	TANH(X)	Volume	C to Rankine	@TAN(C4)
ASIN(X)	CTANH(X)	-----	C to Reaumur	@ASIN(C4)
ACOS(X)	SECH(X)	Cube	F to Centi.	@ACOS(OUT
ATAN(X)	CSCH(X)	Sphere	F to Kelvine	@ATAN(OUT
SEC(X)	ASINH(X)	-----	F to Rankine	1/@COS(C4)
CSC(X)	ATANH(X)	Perimeter	F to Reaumur	1/SIN(OUT)
COT(X)	ACTANH(X)	-----	K to Centi.	1/@TAN(OUT
ASEC(X)	ASECH(X)	Circle	K to Fahrenh.	@ACOS(1/OU
ACSC(X)	ACSCH(X)		K to Rankine	@ASIN(1/OU
ACOT(X)			K to Reaumure	@PI/2-@ATA
			Ra. to Centi.	
			Ra. to Fahre.	
			Ra. to Kelvin	
			Ra. to Reaumu	
			Re. to Centi.	
			Re. to Fahre.	
			Re. to Kelvin	
			Re. to Rankin	

Hyperbolic Area	Temperatures
-----	-----
0.5*(@EXP(C*@PI*T^2	+1.8*OUT+32
0.5*(@EXP(C-----	+OUT+273.15
(@EXP(OUT)-Volume	+1.8*OUT+491.67
(@EXP(OUT)------	+0.8*OUT
2/(@EXP(OUT)+out^3	+5*(OUT-32)/9
2/(@EXP(OUT)+4*@pi*out^3+5*(OUT-32)/9+273.15	
@LN(OUT+@-----	+OUT+459.67
0.5*@LN((1+@Perimeter	+0.8*(5*(OUT-32)/9)
0.5*@LN((OU-----	+OUT-273.15
@LN(1/OUT+@pi*OUT*2	+1.8*OUT-459.67
@LN(1/OUT+@SQRT(1/(OU+1.8*OUT	
+RG1^RG2	+0.8*OUT-218.52
	+5*OUT/9-273.15
	+OUT-459.67
	+5*OUT/9
	+4*OUT/9-218.52
	+1.25*OUT
	+2.25*OUT+32
	+1.25*OUT+273.15
	+2.25*OUT+491.67

Trigonometric	Hyperbolic
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This function calculates the sin	
fnssss	

Area	Temperatures	Length units	Area units	Volume units
Circle area wh	Centigrade to Fahrenheit	Angstrom	meter <sup>2</sup>	Bushel (US)
	Centigrade to Kelvine	Centimeter	milimeter <sup>2</sup>	Bushel (UK)
Volume	Centigrade to Rankine	Decameter	centimeter <sup>2</sup>	centimeter <sup>3</sup>
	Centigrade to Reaumur	Decimeter	decimeter <sup>2</sup>	decimeter <sup>3</sup>
	Fahrenheit to Centigrade	Dis. of siriu	decameter <sup>2</sup>	Dry pint
	Fahrenheit to Kelvin	Foot	hectometer <sup>2</sup>	Dry quart
	Fahrenheit to Rankine	Inch	kilometer <sup>2</sup>	Fluid dr (US)
Perimeter	Fahrenheit to Reaumur	Hectometer	Circular inch	Fluid dr (UK)
	Kelvin to Centigrade	Light year	inch <sup>2</sup>	Fluid oz (US)
	Kelvin to Fahrenheit	Kilometer	yard <sup>2</sup>	Fluid oz (UK)
	Kelvin to Rankine	Knot(UK)	Foot <sup>2</sup>	Foot <sup>3</sup> (US)
	Kelvin to Reaumur	Knot(INTL.)	Acre	Foot <sup>3</sup> (UK)
	Rankine to Centigrade	Meter	Mile <sup>2</sup>	Gallon (US)
	Rankine to Fahrenheit	Micrometer	-----	Gallon (UK)
	Rankine to Kelvin	Mile(US)	Acceleration	Gill (US)
	Rankine to Reaumur	Mile(UK)	-----	Gill (UK)
	Reaumur to Centigrade	Milimeter	cm/sec <sup>2</sup>	inch <sup>3</sup> (US)
	Reaumur to Fahrenheit	Nanometer	Foot/sec <sup>2</sup>	inch <sup>3</sup> (UK)
	Reaumur to Kelvin	Parsec	Galilei	Liter
	Reaumur to Rankine	Siriometer	km/hour/sec	Liquid pt(US)
		X-unit	Meter/sec <sup>2</sup>	Liquid qt(US)
		Yard(US)	Mile/hour/sec	meter <sup>3</sup>
		Yard(UK)	-----	Micrometer <sup>3</sup>
		-----	Angular accel	milimeter <sup>3</sup>
		Pressure	-----	Minim (US)
		-----	Degree/sec <sup>2</sup>	Minim (UK)
		Atm. (tech.)	Grade/sec <sup>2</sup>	Peck (US)
		Atm.(physic.)	Radian/sec <sup>2</sup>	Peck (UK)
		Bar	rev/min/sec	Pint (UK)
		Foot-water	rev/min <sup>2</sup>	Quart (UK)
		gr-force/cm <sup>2</sup>	-----	yard <sup>3</sup> (US)
		Inch-water	Energy	yard <sup>3</sup> (UK)
		Inch-mercury	-----	-----
		Lb-force/ft <sup>2</sup>	BTU	Power
		Lb-force/in <sup>2</sup>	Calorie	-----
		kg-force/m <sup>2</sup>	Centimeter <sup>-1</sup>	BTU/sec
		Milibar	Degree Kelvin	Calorie/sec
		mm of water	Electron-volt	Erg/sec

mm of mercury	Erg	Horsepower
Newton/m <sup>2</sup>	Gram	Kilo-watt
Ton-forc/ft <sup>2</sup>	Hpower-hour	Meter-kgf/sec
	Joule	Watt
	Kilo-calorie	-----
	Kwatt-hour	Work
	Liter-atm	-----
	Mass unit	BTU*second
	Meter-kg-forc	Calorie*sec
	Ryberg	Erg*second
	Second <sup>-1</sup>	eV*second
		Joule*second
		Meter-kgf*sec
		Plank's const

Mass	Plane angles	Length units	Area units	Volume units	Mass
-----	-----	-----	-----	-----	-----
Cental (UK)	Cent.minute	0.00000001	10000	35239.277	45359.24
Dram,av.	Cent.second	1	0.01	39368.802	1.771845
Grain	Degree	1000	1	1	0.06479892
Gram	Minute	10	100	1000.028	1
Hund.weight.s	Rad	1.541873E+019	1000000	550.75257	45359.24
Hund.weight	Right angle	30.48	100000000	1101.2278	50802.35
Hund.weight.l	revolution	2.54	10000000000	3.6967135	50802.35
Kilogram	Second	10000	5.067057	3.5516334	1000
Metric ton	-----	9.46053E+017	6.451626	29.573708	1000000
Microgram	Spher. angles	100000	8361.307	28.413066	0.000001
Miligram	-----	185318.1	929.0341	28317.02	0.001
Ounce,av.	Square degree	185200	40468730	28316.7	28.34953
Pound,av.	Square grade	100	25899980000	3785.435	453.5924
Ton (UK)	Steradian	0.0001-----	-----	4546.0903	1016047
Ton long (US)	-----	160934.7	Acceleration	118.29811	1016047
Ton short(US)	Velocity	160934.1-----	-----	142.06528	907184.9
-----	-----	0.1	1	16.38716-----	-----
Troy weight	cm/sec	0.0000001	30.48	16.38698	Troy weight
-----	Feet/minute	3.083745E+018	1	1000-----	-----
Carat	Feet/sec	1.495042E+019	27	473.17935	0.2
Dram,ap (US)	Kilometer/hr	1.00202E-11	100	946.3851	3.887935
Drachm,ap(UK)	Kilometer/sec	91.44018	44.704	1000000	3.887935
Grain	Knots (Intl.)	91.43984-----	-----	1E-12	0.06479892
Gram	Knots (UK)	-----	Angular accel	0.001	1
Ounce,troy	Meter/sec	Pressure	-----	0.061611885	31.10348
Pennyweight	Meter/minute	-----	10	0.059193887	1.555174
Pound,troy	Miles/hour	98066.65	9	8809.8207	373.2418
Pound,av	Miles/sec	101325	572.9578	9092.1806	453.5924
Scruple,ap	-----	100000	60	568.26131	1.295978
-----	Ang. velocity	2988.983	1	1136.5228-----	-----
Force	-----	98.0665-----	-----	764559.4	Force
-----	Grades/minute	249.0824	Energy	764550.9-----	-----
Dyne	Grades/sec	3386.395-----	-----	-----	1
Grain-force	rad/minute	47.88027	1.1747359E-11	Power	63.54603
Gram-force	rad/sec	6894.758	4.6569966E-14-----	-----	980.665
kg-force	rev/day	9.80665	2.20983E-37	1055.8	980665
Kilopond	rev/hour	100	1.53591E-37	4.1855	980665
Newton	rev/minute	9.806375	1.78248E-33	0.0000001	100000

Pond	rev/sec	133.3224	1.11265E-21	735.4988	980.665
Poundal (US)		1	1	1000	13825.52
Pound-force		1072518	2.9460702E-08	9.80665	448222
			1.11265E-14		1
			4.6569966E-11-----		
			4.00554E-08	Work	
			1.1274238E-12-----		
			1.65975E-24	1055.8	
			1.0911369E-13	4.1855	
			2.42369E-32	0.0000001	
			7.3712E-48	1.60202E-19	
				1	
				9.80665	
				6.62491E-34	

Angles

-----

0.009	Square meter	
0.00009	Square millimeter	
1	Square centimeter	
0.016	Square decimeter	
57.29578	Distance of siri	Square decameter
90	Square hectometer	Hundredweight,short (US)
360	Square kilometer	Hundredweight (UK)
0.9		Hundredweight,long (US)

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Spher. angles

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1
0.81
3826.806

-----

Velocity

-----

0.01
0.00508
0.3048
0.27
1000
0.514
0.5147724
1
0.016
44.704
1609.344

-----

Ang. velocity

-----

3.6
216
229.1831
1.375099
1
24
1440

86400



Square centimeter

Area	Volume	Perimeter	Area
-----	-----	-----	-----
Rectangle	Cone	Ellipse	+E118*G118
Ellipse	Cylinder	Polygon 2	+@PI*A*B
Parabola	Paraboloid	Polygon 3	+2*A*B/3
Polygon 1	Torus		+E118*G118^
Polygon 2			0.5*E118*G11
Polygon 3			+E118*G118^
Triag_area			0.5*E118*G11
Circle sector			+A^2*B/2

Volume	Perimeter
-----	-----
$\pi r_1^2 r_2$	$\pi \sqrt{0.5(r_1^2 + r_2^2)}$
$\pi r_1^2 r_2 r_1 r_2 \sin(\pi/r_1)$	
$\pi r_1^2 r_2 r_1 r_2 \tan(\pi/r_1)$	
$\pi^2 (E_{118} + G_{118}) (E_{118} - G_{118})^2 / 4$	
$8^2 \sin(2\pi/E_{118})$	
$2 \tan(\pi/E_{118})$	
8	

Area	Volume
-----	-----
	Right cone of t
	Ellipse of semiRight cylinder
	Segment of a pParaboloid of r
	Regular polygcTorus of inner :
	Regular polygon of RG1 sides
	Regular polygon of RG1 sides
	TRIANGLE AREA: GIVEN,
	Sector of a circle of radius RC

Perimeter

Area

Radius

Volume

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Ellipse of semi-major axis  $RG1$  and semi-minor axis  $RG2$  PARALLELOGRAM IN TRIANGLE Ellipsoid

Regular polygon of  $RG1$  sides inscribed in a TRAPEZOID TRIANGLE IN CIRCLE

Regular polygon of  $RG1$  sides circumscribing a circle of radius  $RG2$

radius  $RG1$  and outer radius  $RG2$

; inscribed in a circle of radius  $RG2$

; circumscribing a circle of radius  $RG2$

ALTITUDE= $RG1$  AND BASE= $RG2$

side  $RG1$  and angle  $RG2$  (RADIANS)

Area	Radius	Volume
-----	-----	-----
+E118*G118*@SQRT(0.5*(4*@pi*rg1*rg2*rg3/3		
+0.5*A*(B+C)A*B*C/@SQRT(0.5*(A+B+C)*0.5*(B+C-A		

Area	Radius	Volume
-----	-----	-----

Parallelogram	Radius of a circle	Ellipsoid of semi-axes RG1, RG2, RG3
$\Delta$	$0.5*(A+C-B)$	Trapezoid of a
	Radius of a circle	circumscribing a triangle of sides RG1, RG2, RG3

G2, RG3

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mmmmmmmmmm



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SSSS

SSSS

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SUM  
AVG  
MAX  
MIN  
STD  
VAR  
COUNT  
RANGE

@SUM(FA1..F  
@AVG(FA1..F  
@MAX(FA1..J  
@MIN(FA1..F  
@STD(FA1..F  
@VAR(FA1..F  
@COUNT(FA  
@MAX(FA1..J  
spreadsheetc:\v

FA8192)

FA8192)

FA8192)

A8192)

A8192)

FA8192)

1..FA8192)

FA8192)-@MIN(FA1..FA8192)

vin\kital87.wk1

calculate the sum of a list of n

Calculate the average of a list

Find the largest value in the li:

Find the smallest value in a lis

Calculate the standard deviatio

Calculate the variance of the v

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it of numbers

on of the list of values

values in the list

# Normal Distribution





# Processed function vs. VAR



