

UNCLE GIMPY'S WALLET INTELLECTIFIER

SYMBOLS - LEGEND
PI = 3.1415926535897932384 or 3.1416

In (").....Inch	Lb.....Pound
Ft (').....Foot-Foot	Al.....Aisle
Yd.....Yard	Ru.....Run
MM.....Millimeter	Pt.....Pint
CM.....Centimeter (10MM)	Qt.....Quart
M.....Meter or Million	Gal.....Gallon
K.....Kilometer or 1000	Lit.....Liter
L.....Length	MPH.....Miles Per Hour
W.....Width-Wide	FPS.....Feet Per Second
Ht.....Height	PSI.....Pounds Per Sq In
Vol.....Volume	PSF.....Pounds Per Sq Ft
R.....Radius	PCF.....Pounds Per Cu Ft
Dia.....Diameter	BTU.....British Thermal Unit
Diag.....Diagonal	/.....Fraction
Cu.....Cube or Cubic	√.....Square Root
Mi.....Mile	0°.....Squared**
Ma.....Mass	0°.....Cubed
Dist.....Distance	0°.....Power (4th, Etc)
Car.....Carrot	°.....Degree
Circ.....Circumference	

*It's better to back paddle than to go over the falls.
More people get hurt playing than working*

LINEAL MEASUREMENT

Circ of Circle.....	PI X Dia = Circ
Diag Measure for Square or Rectangle, Roof Rafter, or Stair String	
Length.....	$\sqrt{L^2 + W^2}$ or $\sqrt{R^2 + R^2}$ = Diag Measure
Mile.....	5,280', 1,760 Yds, 63,360'
Naut Mile.....	6,080.2', 2,028.73 Yds, 24,320 15/64'
Furlong.....	660', 220 yards, 7820'
Land League.....	3 Miles Naut League..... 3.45 Miles
Chain.....	66'
Link.....	.68' or 7.92" - 7 59/64"
Rod.....	16.4989' or 16' 5 63/64" Rounded 16' 6"
Fathom.....	6'
Meter.....	.39370', 3.2808', 100 CM, 1000 MM
Yard.....	3' or 36"
Cubit.....	Olympic - 18.24", English 18", Ancient Egyptian - Elbow to Tip of Middle Finger 18 - 24"
Foot.....	12", 1/3 Yd
Hand.....	4", 10.16 CM (Ht of Horses)
Inch.....	1/12', .0833', .0254 M, .0277 Yd
Centimeter.....	.3937", 25/64"
Millimeter.....	.03937", 3/64", 1/10 CM

*Time spent saves from your savings
Always put on your britches before your snowshoes*

AREA

Acre.....	43,560 Sq Ft or A Square 208' 8 17/32"
Mile.....	27,878,400 Sq Ft - 640 Acres
Area of:	
Circle.....	PI X R ²
Square or Rectangle.....	L X W
Sphere.....	D ² X PI
Cylinder.....	PI X Dia X Ht = Wall Surface
Triangle.....	Base L X Ht ÷ 2
Pentagon.....	One Side ² X 1.720
Hexagon.....	One Side ² X 2.598
Octagon.....	One Side ² X 4.828
Oval.....	L Dia X Narrow Dia X .7854

*You are never more than 7,917.8 miles from any point on earth
That which is in mans' heart can be relinquished but not taken*

VOLUME

Cube or Rectangle.....	L X W X Ht
Cylinder.....	PI X R ² X Ht
Sphere.....	4/3 PI (4.1887902) X R ³
Cone.....	R ² X PI X Ht ÷ 3
Pyramid.....	Area of Base X Ht ÷ 3
Gallon.....	231 Cu In; 8.338 Lb
Cu Ft Water.....	7.5 Gal; 62.4 Lb; 1,728 Cu In
Bushel.....	4 Pecks, 1,2445 Cu', 2,150.42 Cu", 32 Quarts, 64 Pints
Earth.....	259,903,473,454 Cu Miles

*Never build a chimney starting at the top
Don't build your castle in the swamp*

CONVERSIONS

Mm to Inches.....	MM X .03937
Inches to MM.....	Inches X 25.4
CM to Inches.....	CM X .3937
Inches to CM.....	Inches X 2.54
CM to Meters.....	CM X .01
Meters to Miles.....	Meters X .00062137
Miles to Meters.....	Miles X 1,609.35
Feet to Meters.....	Feet X .3048
Meters to Feet.....	Meters X 3.28083
Miles to Kilometers.....	Miles X 1.6093
Kilometers to Miles.....	Kilometers X .621388
MPH to FPS.....	MPH X 1.466665
FPS to MPH.....	FPS X .68182
Gallon to Liter.....	Gallon X 3.7878
Liter to Gallon.....	Liter X .2641
Gal to Imp Gallon.....	Gal X .8327
Imp Gallon to Gal.....	Imp Gallon X 1.2009

Invention - Sumthin that if it don't exist should