#### **Earth/matriX** SCIENCE IN ANCIENT ARTWORK AND SCIENCE TODAY

# The Anti-Significand

# and A Possible Maya Method of Ancient Math

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Earth/matriX Editions P.O. Box 231126, New Orleans, LA 70183-1126 ISSN-1526-3312 www.earthmatrix.com

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# The symbol, IL, on many Maya head glyphs has always intrigued me. Could it possibly have been a symbol for computing ancient math?



"Birth, commencement"

"The Maya did not use true fractions." --- Eric Thompson















▰ъ

#### ~ Electron mass = 9.10938188

	0.64		0.4	0.4	0.64	
		0.36	0.6	0.6	0.36	
A Fourfold Design of the Basic Pattern This design is similar to designs in many different ancient cultures.	0.4	0.6	1.0	1.0	0.6 0.4	4
	0.4	0.6	1.0	1.0	0.6 0.4	4
		0.36	0.6	0.6	0.36	
_ <b></b>	0	.64	0.4	0.4	0.64	
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### 1.872 fractal Maya Long Count Period 1872000

1.0	.872	.128
.872	.760384	
.128	.2396	516

Base fractal number: 1.872

Significand: 0.872

Cornerstone number: 0.239616

Anti-sgnificand: 0.128

Known Base Number | Unknown Cornerstone Number

How to compute the *cornerstone* number

Square the mantissa: 0.872 = 0.760384 Subtract product from 1.0 - 0.760384 = 0.239616 Area of cornerstone = 0.239616

In order to the base number, divide the cornerstone amount by the *anti-significand*:

0.239616 / 0.128 = 1.872

Computational steps:

0.872<sup>2</sup> = 0.760384 1.0 - 0.760384 = 0.239616 0.239616 / 0.128 = 1.872

> Significand: 0.872 Anti-Significand: 0.128

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1.36656 fracta Maya Compai 1366560	al nion Nun	nber	Known Base Number   Unknown Cornerstone Number
1.0	.36656	.63344	Companion Number divided by Anti-Significand 1366560 / 63344 = 21.5736297 21.5736297 times 0.865633766 = 18.67486233
.36656	.1343662336	3	136656 squared = 18674862340 confirmed
.63344	.86563	3766	
Base fractal number: 1.36656		56	
Significand: 0.36656			Significand: 0.366560 Anti-Significand: 0.633440
<i>Cornerstone</i> number: 0.865633766 <i>Anti-sgnificand</i> : 0.63344		633766	©2013 Copyrighted by Charles William Johnson

1.36656 fract	al						
Maya Companion Number 1366560		0.872 - Significand	1.0 Unit	=	0.128 Anti-Significand		
	Companion Number : Anti-Significand						
	1.872 - 2.0 =	1.872 - 2.0 = 0.128 Bar					
	1.872 x 0.12	1 872 x 0 128 = 0 239616 Cornerstone					
	1.872 / 0.128						
	14 625 x 0 230616 = 3 504384 Total Area						
	14.023 × 0.233010 - 3.304304 10tal Alea						
	1.872 square						
	360 -	302 4	_	57.6			
	Degrees	Kemi	=	Mava			
A	Circle	Anti-Radian	=	Radia	<b>1</b>		
	L						

1.6272631 fractal Proton Mass Value		Known Base Number   Unknown Cornerstone Number		
1.0	.3727369 .6272631	0.6272631 <sup>2</sup> = 0.393458996 1.0 - 0.393458996 = 0.606541003 1.0 - 0.6272631 = 0.3727369		
.6272631	.393458996	0.606541003 / 0.3727369 = 1.6272631		
.3727369	.606541003	How to derive proton mass from its mantissa.		
		0.606541003 / 0.3727369 = 1.6272631		
Base fractal number: 1.6272631				
Significand: 0.6272631		Significand: 0.6272631 Anti-Significand: 0.3727369		
<i>Cornerstone</i> number: 0.606541003				
Anti-sgnificand: 0.3727369		©2013 Copyrighted by Charles William Johnson		









### First Radiation Constant: Base Number 3.741736091







# The Square Root of Three as an Ideal Temperature Scale

Square root of Three divided by Cornerstone Equals the Boiling Point of Water 1.732050808 / .464101614 = 373.2050808 fractal Base Number divided by Cornerstone equals BPW

Significand divided by Anti-Significand Equals Freezing Point of Water .732050808 / .267949192 = 273.2050808 fractal Significand divided by Anti-Significand Equals FPW

Square Root of Three divided by 2x Anti-Significand Equals Midpoint of BPW-FPW 1.732050808 / .535898385 = 323.2050808 Base Number divided by 2x Anti-Significand equals Midpoint BPW-FPW

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