

Great Pyramid Repository of Knowledge

By Derek Skhane

The codification of number is, up to the present time, an unsolved ambiguity. It is feasible the erudite Ancients formulated number via such a manner that it would put in an appearance untold years later; furthermore inquisitive researchers would attempt to disentangle its inscrutability.

Did the enigmatic Plato {and those of similar ilk} possess suspicion as to the codification, thereby concealing various numerical signposts within their works, veiled, lest the apprehensive hierarchy learn of their attempts to inform unapprised humanity via coded works? Plato *et al* likewise was optimistic that future humanity would probe the vagueness of their works.

An answer resides within the Great Pyramid, wherein we will discover: the Eye of Horus fraction, the Rhind Papyrus “Pi”, the Comma of Pythagoras, the Pythagorean Limma in the company of actual Phi as well as the square root of 2, and more besides, likewise there being no manipulation necessary, in view of the fact that the numbers will speak for themselves, as it were.

The Great Pyramid

The following may possibly be one approach to, if not decipher, then possibly aid the conundrum, with regard to number codification .

The Great Pyramid of Giza denoted as GP.

Whichever Gematria values denoted as Gem.

Whichever cyclic patterns within the digits being underlined.

I consider the intended measurements {modern-day feet and inches} of the GP to be as follows, furthermore for no reason do I change direction re these “numbers” in order to assist a desired result, and they remain constant. Nonetheless I require not a soul to concur readily re my findings, it is for you, the reader to decide, Yay or Nay?

- {1} “Finished” height of 480 feet
- {2} Base side length of 756 feet {hence a perimeter of 3024}
- {3} Top platform side length of 572 inches {hence a perimeter of 2288}
- {4} Grand Gallery sloping floor line length of 1881 inches
- {5} Grand Gallery sloping roofline length of 1836 inches
- {6} Grand Gallery height of 336 inches
- {7} Volume being: $756 \times 756 \times 480 = 274337280 \div 3 = 91445760$

To obtain the GP Tan we require dividing the height of 480 by 378, which is half the base side length: 756, for this reason: $480 \div 378 = 1.269841$, which is, in addition the **Eye of Horus** fraction {64:63} of 1.015873×0.8

To obtain the GP Slant length, {apex to base side centre}, we require to obtain the square root of 373284, which is 610.9697210173

The 373284 being 516168 minus 142884 {378 x 378}, furthermore the 516168 being 230400 {480 x 480} added to 285768, which is one half of the GP base area in view of the fact that: $756 \times 756 = 571536 \div 2 = 285768$

Likewise, the GP height of 480 divided by the GP Apothem of 610.969721017 = 0.7856363146 whilst this is illustrated upon the calculator; click the Inv button then the Sine button to obtain 51.77956794 which is the GP Slant Angle. Otherwise in reverse, whilst the 51.77956794 is illustrated, in that case click the Tan button to obtain 1.269841 the GP Tan

The GP decimal Slant Angle 51.77956794514, converts to degrees, minutes, seconds as: 51° 46' 46.4442, which converts to an Earth Equatorial circumference of 24901.3558716249...miles

W. F. Petrie maintains: Casing stones, in situ, N. Side, by theodolite 51°.46'.45" ± 2'

“Lost” Pyramidion

I evermore query and test out my statistics, attempting additional accuracy, furthermore I discerned the entire the GP units of measure ought to gel, consequently the GP base side length of $756 \div 480 = 1.575$, as a result I subsequently calculated the GP “lost” Pyramidion as a base side length of exactly: 9.85359375, this I obtained via dividing exactly 10.01 by the {most fitting} **Eye of Horus** fraction {64:63} of 1.015873

It follows that via a Pyramidion base side length of 9.85359375 the height will be 6.25625 which is appropriate, given that $6.25625 \times 1.575 = 9.85359375$, consequently the overall GP to Pyramidion ratio gels since: $756 \div 480 = 1.575$

The GP Edge length being the square root of the aforementioned 516168 obtaining 718.44832799... {Obviously abridged}

The GP Edge Angle obtained via dividing the GP height of 480 by the Edge length of 718.44832799, thereby obtaining 0.668106502, subsequently via clicking the Inv button next pressing the Sine button we obtain the factor 41.9210914769 this being the Angle of GP Edge length.

Whilst the 41.9210914769 is upon the calculator, subsequently click the Tan button to observe 0.8979133729 {abridged} this being the square root of two divided by exactly 1.575 moreover we observe this 1.575 above.

Gem: {Gematria Values}

The reader will note that within the GP volume 91445760 clearly discernible is, 576: Gem: Eagle likewise Pneuma {Breath} the GP height: $480 \times 12 = 5760$, therefore $91445760 \div 576 = 158760$

This 158760 may be acted on by numerous, for instance $158760 \div 31.5 = 5040$, this being Plato's decidedly emphasised number in the very fabric of his idealistic City state of Magnesia, the 31.5 multiplied by 13728 = 432432

Whilst we close the eyes to feet and inches, subsequently utilising pure number, we discover that the 432432 is the base 756 multiplied by the GP top platform side 572, the 13728 contains 1728 the amount of cubic inches in one cubic foot therefore $13728 \div 1728 = 7.9444$ which multiplied by 72 = 572

Moreover the volume of 91445760 equates as $9 \times 1 \times 4 \times 4 \times 5 \times 7 \times 6 = 30240$, the zero abandoned as, supposedly, zeros being considered as mere placeholders Likewise $9 + 1 + 4 + 4 + 5 + 7 + 6 = 36$ which multiplied by 12012 = 432432 whilst we divide this 12012 by the above 13728 we obtain 0.875

Pythagorean Limma

We now introduce an ancient fraction, namely the division of 256 by 243 as disclosed within the dialogues of Plato {Timaeus 34-38...41-47} the product being 1.05349794238683 {abridged} which is the musical scale: Pythagorean Limma Within "The Sirius Mystery", the prominent author Robert Temple refers to the 256:243 ratio as a Sacred Fraction.

Therefore the GP base perimeter of 3024 divided by the above 0.875 = 3456 this is 10 x 34.56 the Long-Short Nautical Mile differential, however 3456 is 0.1333×25920 , the Platonic Precession cycle.

In an attempt to illustrate the numerous interconnections we discover that:

The $0.1333 \times 9.523809 = 1.269841$, which is the GP Tan: $480 \div 378$

And seeing as the Eye of Horus fraction {64:63} of $1.015873 \times 1.25 = 1.269841$, it follows that the 9.523809 divided by the Eye of Horus obtains exactly 9.375 that multiplied by the Pythagorean Limma {256:243} obtains: 9.876543209

The Pythagorean Limma {256:243} being one third of the Rhind Papyrus fraction {256:81} of 3.160493827 as a result the 9.876543209 divided by the "Rhind" obtains exactly 3.125 that multiplied by 3.047619 regains the 9.523809

In that case the 3.047619 divided by the "Rhind" fraction: obtains: 0.96428571, which is one seventh of 6.75, this multiplied by the "Limma" {256:243} and "Rhind" {256:81} component, namely 256 obtains 1728, the cubic inches in one cubic foot.

I denote the musical scale: Pythagorean Limma as FP {Fraction of Plato} given that within Timaeus following the creation of the World-Soul, there being a surplus in the ratio: 256:243

Numerical Canon

In tandem with the "letters" alphabet, there exists a numerical alphabet linking all number via behaviour we can but speculate, the esteemed author: John Michell within his thought provoking publication: "The Dimensions of Paradise" mentions these interconnections, as a Numerical Canon, that in deference to the gentleman, I will denote as: NC

The GP perimeter of $3024 \div 34.56 = 87.5$, the Gallery floor line length of $1881 \div 87.5 = 21.4971428$ which multiplied by $282.8282 = 6080$ which is the British Admiralty Geographical mile, that I dub a Sea mile.

The 282.8282 {denoted as X} may perhaps be utilised as follows

{A} The Platonic Precession cycle: $25920 \div X = 91.64571428$ which multiplied by $1433600 = 131383296$, this being the NC: Earth mean circumference.

The $1433600 \times 63.7875 = 91445760$, the GP volume, the $63.7875 \times FP \times 5 = 336$ the Grand Gallery height

{B} the seconds in 24 hours: $86400 \div X = 305.4857142$ which multiplied by $9.8989 = 3024$ the GP base perimeter

The 9.8989 being exactly 3.0625×3.2323 { $6080 \div 1881$ }

The above $1433600 \div 3.0625 = 468114.285714$ which multiplied by $0.2625 = 122880$, familiar to those to whom the musical scales are apprised.

Comma of Pythagoras

An additional ancient fraction referred to within “The Sirius Mystery” being the Comma of Pythagoras this being the division of 531441 by 524288 producing exactly

1.0136432647705078125 , this I denote as Comma, moreover as indicated prior, the Pythagorean Limma {256:243, denoted as FP {Fraction of Plato}}

It appears to be unobserved that the product of: $FP \times FP \times \text{Comma} = 1.125$, which multiplied by 2688 = 3024. Likewise, as is obvious, we need but divide 1.125 twice by the FP to obtain 1.0136432647705078125 the Comma, {the $1.125 \times 8 = 9$ }

The $2688 \div 7 = 384$; this is the commencement number of Plato’s World Soul series, as will be gleaned via thorough study of Plato’s Timaeus, my personally formed rendering of the World Soul series reflects those of John Michell, J. Dupuis, A. E. Taylor etc, nonetheless formed via a dissimilar method than each of these distinguished gentlemen furthermore I denote the series as PWS {Plato World Series}.

An Earth “year”

Rather than becoming too convoluted a slight excursion is deemed appropriate, there are 6080 feet in the British Geographical {or Sea} mile.

The following produces a tolerable Earth “year” utilising 1881 {Gallery} 6080 {Sea mile} 30 {the average days per month}, and factual Pi.

{A} $1881 \times 6080 \times 30 = 343094400 \div 299008 \div \text{Pi} = 365.2421989187$ which is a respectable approximation of the Solar Year, likewise 365.2421989187 multiplied by 360000 degrees then divided by the modern-day mile of 5280 obtains a respectable approximation of Earths Equatorial circumference of $24902.8771990053\dots$ miles.

The 299008 being 512×584 , the 512 being the 4th term of PWS, the 584 being the Synodic revolution of Venus by Mayan assessment, the $584 \times 2.5 = 1460$ relating to the Sothic Cycle, however $1460 \times 1.5 = 2190$, Gem Son of man, on the other hand Gem {Gematria} Abraxas, Mithras: $365 \times 4 = 1460$

Likewise $1881 \times 6080 \div 2190 \div \text{Pi} \div 365.2421989187 = 4.55111$ which multiplied by exactly $2278.125 = 10368$ the termination number of PWS, the $2278.125 \times \text{FP} = 2400$

The aforementioned Comma of Pythagoras being derived from the division of 531441 by 524288, the square root of the 531441 being 729

{B} The Sea mile of $6080 + 7.29 = 6087.29$ which multiplied by 21600 degrees obtains exactly **131485464** which divided by 5280 obtains exactly 24902.55, likewise a reasonable approximation of Earth's Equatorial circumference in miles.

John Michell mentions a figure of Earths circumference being 131484632 which is 5280×24902.392424 , however this happens to be $3.2323 \{6080 \div 1881\}$ multiplied by exactly 7704.17765625 and this multiplied by the $\text{FP} \times 25920 = 210375411.2$, which is 1.6×131484632

Whilst we deduct the John Michell: 131484632 from the **131485464** we obtain 832 which plus 1728 = 2560, coincidence or not?

Phi

The Golden Ratio, Golden Mean or whatever befits being the product of the square root of $5 + 1 \div 2 = 1.61803398874$ commonly referred to as Phi .

Into an appropriate calculator, type in the GP base side length: 756 afterwards press the Cos. button to obtain: 0.809016994374... which multiplied by 2 = Phi

{C} The square root of $5 + 1 = 3.2360679774997$ {abridged} multiply this by the Gallery: 1881×21600 to obtain 131480147.49862545... which divided by the mile of 5280 = 24901.54308686088 , once anew a tolerable approximation of Earths Equatorial circumference {miles} and 24901.54308686088 is exactly $15390 \times \text{Phi}$

A simple deception to obtain Phi being to multiply the **3.2360679774997** by 4199040 afterwards by the $\text{FP} \{256:243\}$ to obtain 14315329.19070626968421 this being Phi multiplied by exactly **8847360**

The 4199040 being the GP height of 480×8748 , the 8748 being the 34th number of PWS, the $4199040 \div 6080 \times 1881 = 1299078$, which multiplied by Mr. Nasty: 666 afterwards divided by 2368800 = 365.242294832 , an additional passable approximation of the Solar Year, the 2368800 being 470×5040 , which is the Plato-Magnesia number and the $4199040 \div 5040 \times 31.111 = 25920$

The $31.111 \times 97.2 = 3024$, the $97.2 \times 90 = 8748$ the **8847360** divided by the cubic inches in one cubic yard: $46656 = 189.629629$ which multiplied by $1881 \times 86400 = 30818304000$ this being **5068800** $\times 6080$ {1881 the Gallery floor line length}, obviously

the 86400 being the number of seconds in 24 hours. Similarly, the “Whole” that Plato hints within Timaeus, nonetheless never actually mentions I calculated to be: 46656

The Greek mile being 5068.8 as a result the above $5068800 \times 25.92 = 131383296$ which is the NC mean Earth circumference {feet}, the 25.92 obviously being a reduced 25920, the Platonic Precession cycle of the Constellations {Zodiac} .

If truth be told it is a predicament attempting to thread the tapestry of integration, for all number is undeniably connected, mayhap the day is approaching whereby the unquestionable knowledge of the ancients is laid bare, the subsequent problem being, who imparted the wisdom in the first instance?

Albrecht Durer

Prior to resuming the intended exercise it bears a mention that the copper engraving of Albrecht Durer {the year 1514} acknowledged to be replete with symbolism, displays in the top right hand corner a “magic” square containing the numbers 1-16 in a seemingly random pattern.

However the bottom row centre numbers being 15 and 14, corresponding to the year of manufacture: 1514

Of further interest being the multiplication of 1 through to 16 obtains 20922789888000

The GP volume is 91445760, the GP top platform perimeter being 2288, the Durer: 20922789888000 being: 228800×91445760 .

Likewise 20922789888000 being 48384000×432432 , this being the GP unit: 756×572 , recall the produced 5068800 this multiplied by $9.5454 = 48384000$ {the Roman mile being: 4838.4}

The 9.5454 multiplied by the Gallery floor line length $1881 = 17955$

Whilst we divide the 17955 by the Sea mile 6080 we obtain exactly 2.953125, the GP base perimeter of $3024 \div 2.953125 = 1024$ which is $972 \times FP \{256:243\}$

Moreover 1024 being the 9th .term of PWS, likewise the 972 is the 8th term, subsequently $972 \times 135168 = 131383296$, the NC Earth circumference.

It ought to be borne in mind that one of the Comma components 531441 bears a relationship to 131383296, since $131383296 \div 5280 = 24883.2$, which divided by 524288 then multiplied by the FP $\times 11520 = 576$, as detailed prior Gem: Eagle.

The $11520 \times 41580 = 479001600 \{=12!\}$

Likewise $11520 \times 7938 = 91445760$ the GP volume, the $7938 \div 1881 \times 6080 \times 660 = 16934400$, this being 196×86400 , the GP base perimeter of 3024 divided by 196 afterwards multiplied by $326.666 = 5040$ Mr. Plato resurfaces.

The 326.666 multiplied by a reduced FP {256: 243} component: 24.3 regains the 7938, the combinations are never-ending, for example within the above 479001600 there is a hint of 91445760 the GP volume, therefore $479001600 \div 91445760 = 5.238095$ this multiplied by 126 = 660 the modern-day furlong.

Moreover, as is obvious, whilst the furlong is obtainable so is 640, 1760, 4840, 5280, 43560, 46656 etc, since $640 \div 660 = 0.9696$ that multiplied by $48114 = 46656$, the amount of cubic inches in one cubic yard.

The 48114 being the yards in one mile: 1760×27.3375 which multiplied by the FP = 28.8, the multiples of 28.8 need not be demonstrated I'm persuaded, nor the multiples of the above 126, for as declared the combinations existing are numerous.

It is literally unattainable to exhibit the total integration betwixt all the numbers in so brief a time, for example within the underlined 5.238095 we observe the number: 5238, which is 3×1746 which is $864 + 882$ Gem: City of god, otherwise 1746 being Mr.

Nasty: $666 + 1080$ the lunar, Yin-Yang number etc.

Then again: $5238 \div 25920 \times 86400 = 17460$ which divided by 640 then multiplied by the FP $\times 1881 \times 360 = 19462080$ exactly, which divided by the Sea mile of 6080 then divided by the 5238 = 0.6111 and this multiplied by 68040 = 41580

The 68040 is 22.5×3024 , the 41580 is 13.75×3024 , likewise the above utilised 135168 $\div 13.75 = 9830.4$, whilst we divide the above 5068800 by this 9830.4 we obtain 515.625 which multiplied by the FP = 543.209876543 that multiplied by the 8th PWS number: $972 = 528000$

The 5068800 being $2950095.238095 \times 1.71818$, which is the Egyptian cubit and the 2950095.238095 being the above 5.238095 multiplied by exactly 563200

The $563200 \div 5280 = 106.666$ which multiplied by $28.35 = 3024$, the Platonic: $25920 \div 28.35 \times 0.7 = 640$ acres in one square mile.

Earth-Pyramid

I believe the general picture is clear, all number is integrated, especially with the GP units of measure, a straightforward method to take advantage being to add 19.25 to the above produced NC: Earth dimension of 24883.2 to produce 24902.45, an additional Earth approximation, however 19.25 is a reduced 1925 Gem: Simon Peter who landed the 153 "fishes" likewise $153 \times 12 = 1836$ the Gallery roofline length.

Assuming the NC: 131383296 feet is a tolerable mean approximation of Earth's circumference then the following occurs.

There is much speculation that the ratio 175:176 is attributed to various Egyptian, Roman, Greek etc units of measure, for instance $175 \div 176 = 0.99431818$ whilst this is multiplied by the aforementioned 5068800 we obtain 5040000, which is quite obviously 1000×5040 , the Plato emphasised number.

Likewise $131383296 \div 5040 = 26068.1142857$ which divided by the 5068800 then multiplied by 6720 obtains 34.56 the Nautical mile unit, the 6720 is 20×336 the Gallery height and $336 \times 9 = 3024$ the GP base perimeter.

Moreover the GP volume: $91445760 \div 5040 = 18144$ which is 0.7×25920 otherwise 18144 is 46656×0.3888 one eighteenth of 7

Subsequently $91445760 \div 131383296 = 0.696022727$ which multiplied by the yards in one mile: $1760 = 1225$: which is Gem: Founder of the City {there are more values re 1225}.

Obviously the 1760 is the number of yards in one mile, whilst we divide the above 0.99431818 { $175 \div 176$ } by the produced 0.696022727 we obtain 1.428571 which is one seventh of 10.

The GP base perimeter of $3024 \div 1760 = 1.71818$ this is referred to as the Standard Royal cubit, likewise $3024 \div 1764$ obtains 1.714285 this is referred to as the Royal Egyptian cubit. The 1764 relating to Plato's land distribution portions of Magnesia given that: 1764 is 2.1×840 , which is the number of parcels of land in Magnesia, then $5040 \div 1764 = 2.857142$ which multiplied by the GP base perimeter of $3024 = 8640$ obviously the seconds in 2.4 hours.

The Simple number order 123456

{A} 123456 minus 46656 = 76800, which happens to be 100×768 the 6th term of PWS likewise 76800 is 120×640 , the amount of acres in one square mile, moreover 768×1.125 {FP x FP x Comma} = 864, which happens to be the 7th term of PWS.

{B} 123456 minus 25920 = 97536 this minus 46656 = 50880 which minus 76800 = -25920 {minus 25920}, alternatively 97536 minus Gem: Only-begotten son: 1176 = 96360 which is 5280×18.25 which multiplied by 120 = 2190, Gem: Son of man, as we explored prior with regard to the Maya connection.

Then again: $123 \times 456 = 56088$ that minus 5400 = 50688, which is 10×5068.8 , the Greek mile.

Gematria

The pastime of Gematria is advantageous for example 1764 minus $1176 = 588$, afterwards Gem: $2190 \div 588 = 3.724489795918367$ haltered at this point so that we observe the Gallery roofline length: 1836 within the digits whenever this occurs, simply multiply by 1836 to obtain Gem: Divine Circle: 1224 within the digits.

Therefore $3.724489795918367 \times 1836 = 6838.16326530612244$ this multiplied by Gem Founder of the City: 1225 = 8376750, which is the 1224 x 6843.75

Likewise providing we view 684 it is a beneficial indication to multiply by the Sea mile of 6080 therefore $6843.75 \times 6080 = 41610000$, this being: 19000×2190 . The $19000 \div 1881 = 10.1010$ which multiplied by the GP unit {756 x 572} of 432432 = 4368000, which is 86400×50.555

The GP top platform perimeter of $2288 \div 50.555 = 45.2571428$ moreover the ball continues rolling, in view of the fact that $45.2571428 \times 70 = 3168$: Gem: Lord Jesus Christ, however 3168 is 4.8×660 the furlong.

Likewise Gem: Jesus Christ: $2368 \div 3168 = 0.74747$ which multiplied by the Gallery floor line length of 1881 = 1406, which is Mr Nasty 666 x 2.111 that multiplied by 2880 = 6080, the $2880 \times 3.6 = 10368$ this being the termination term of PWS.

On and on the carousel revolves since 2368 being Gem: Lord Jesus Christ, hence Lord has the Gem: 800 {3168 + 800 = 2368} Whatever the readers Religious consideration bear in mind the Gematria values of the foregoing, and forthcoming, were fashioned by the ancients for reasons of which we, at present, can no more than guess at.

The mentioning of 684 in relationship to 6080 being that $6080 \div 684 = 8.888$ that multiplied by 21.6 = 192 Gem: Mary. Likewise $192 \times 2 = 384$, as acknowledged prior the introductory term of PWS moreover $192 \times 6080 = 1167360$ which divided by Gem: Weapons of god: 665 = 1755.428571 which is one seventieth of 122880, which ought to be familiar to those who study the musical scales.

GP top platform

The 122880 blatantly parades the GP top platform perimeter of 2288 therefore $122880 \div 2288 = 53.706293$ at this time a fresh fraction joins the list, given that I consider the Solar Equatorial rotation period to be approximately 26 days, {and I stress: approximately} therefore 360 {degrees} divided by 26 {days} = 13.846153 which I shall denote as Sun {YHWH = 26}.

Whilst the Sun rotation is questioned, as is the prerogative in that case simply utilise the division 360:26 Therefore $53.706293 \div \text{Sun} = 3.8787$ which multiplied by the Gallery floor line length: 1881 = 7296 which divided by Gem: Weapons of god: 665 then multiplied by 70 = 768 this being the 6th PWS number, likewise as indicated, Gem: YHWH = 26 conclude of the consequences unfolding as you, the reader, deem fit, seeing as they are merely numbers, or are they?

The above $21.6 \times 1200 = 25920$, likewise $21.6 \times 4000 = 86400$, moreover 21.6 multiplied by $4233600 = 91445760$. The 4233600 divided by the aforementioned increased Greek mile: 5068800 then multiplied by the FP {256:243} obtains: 0.879910213243546576879 and this multiplied by a fresh member of the cast the, Grand Gallery mean width in inches 81 = 71.2727 this being 41.481481×1.71818 which is the Egyptian cubit, the 41.481481 being the FP $\times 39.375$ which multiplied by $76.8 = 3024$

Plato-World-Series {PWS}

There unquestionably ought to be an uncomplicated method to demonstrate the integration of all number, whether it be seconds, feet, miles, metres cubic inches, musical scales or whatever.

Conscientious research pertaining to the dialogues of Plato, in particular Critias, Timaeus, Laws moreover the Republic, illustrate quite clearly the fact that the enigmatic Plato gained access to ancient knowledge bequeathed to humankind, mainly via his visits to Egypt, furthermore via analysis of Egyptian tradition and mythology.

We commence with our noble friend Plato and his discourse concerning the formation of the Creators World Soul, wherein at least one of the solutions is concealed amongst his oft times mystifying vocabulary.

I shall attempt to convert the incoherent idiom into uncomplicated language. Within Timaeus {35-36} Plato mentions the intervals of 3:2...4:3...9:8...likewise referring to a fraction left over, in the ratio 256 to 243, that as per norm I denote as FP {Fraction of Plato}.

As indicated prior, the Comma of Pythagoras being: $531441 \div 524288$ that obtains the factor 1.0136432647705078125, that as norm, I denote as Comma. Plato then relates how the Creator prepared portions of the World Soul via the following method Likewise all the portions are deducted from {as Plato's describes it} the Whole; I deduced the whole to be 46656

First he takes away one portion of the whole... {1}
 Then a second part, which was double the first part... {2}
 Then he takes away a third part, which was half as much again as the second part and three times as much as the first... {3}
 Then he takes away a fourth part, which was twice as much as the second part... {4}
 Then he takes away a fifth part, which was three times the third part... {9}
 Then he takes away a sixth part, which was eight times the first... {8}
 Then he takes away a seventh part, which was twenty-seven times the first part... {27}

Plato then mentions double intervals, triples, two kinds of mean so on and so forth, his main divisions being {1} $3:2 = 1.5$. {2} $9:8 = 1.125$. {3} $4:3 = 1.\underline{333}$

Taking the first portion as being 1 {one} the remainder are straightforward to deduce, for example the second part is double the first therefore this is obviously 2 {two} continue in a like manner and the pattern that emerges is as indicated in brackets. I.E: 1, 2, 3, 4, 9, 8, 27, acknowledged as the Greek lambda.

One reason why I deduce the whole as being 46656 {disregard the doubles, triples etc} is simply for the reason that $1 \times 2 \times 3 \times 4 \times 9 \times 8 \times 27 = 46656$ the amount of cubic inches in a cubic yard.

Likewise $4 \times 6 \times 6 \times 5 \times 6 = 4320$ this divided by the FP $\div 1.5 \div 1.125 \div 1.\underline{333} = 1822.5$ which multiplied by a reduced FP {256:243} component $25.6 = 46656$

Moreover $4 + 6 + 6 + 5 + 6 = 27$ which multiplied by $36 = 972$ which is the 8th PWS number, the 36 being, in my opinion, the quantity of terms comprising the World Soul as Plato envisaged it to be, for the duodecimal system was indeed utmost in his psyche. Whilst the 972 is multiplied by the FP, 1.5, 1.125, and $1.\underline{333}$ we obtain 2304 which multiplied by exactly $20.25 = 46656$, the 2304 being the 18th .term of PWS, likewise $2304 \times 1.125 = 2592$ this being the 19th term of PWS.

The Comma component: $524288 \div 20.25 = 25890.\underline{765432098}$ which multiplied by $1.265625 = 32768$ familiar to those musically inclined,
 The square root of 1.265625 being: 1.125 {1.125 being FP x FP x Comma} likewise, the musical scale: Pythagorean major third being: 1.265625

Furthermore the $524288 \div 2304 = 227.555$ which is $216 \times \text{FP}$, moreover tother component $531441 \div 2187 = 243$ an FP component, the $2187 \div 2048 = 1.06787109375$ this being FP x Comma, the $2304 \div 1.125 = 2048$ the 16th PWS number etc
 The Timaeus “Whole”: $46656 \times \text{FP} = 49152$, whilst this is divided by an FP component namely 256 we obtain 192 which is the Gem: Mary, as is 152 at the tail end of the 49152

Mary obviously synonymous with Mare {Sea} seeing as $192 \times 31.666 = 6080$ this being the Sea mile, the $192 \times 2 = 384$, the commencing number of PWS likewise Plato maintains the second portion was double the first as a result this manoeuvre seemed appropriate, likewise $1 + 2 + 3 + 4 + 9 + 8 + 27 = 54$, which obviously is 2×27
 Similarly $46656 \div 27 = 1728$ quite obviously the quantity of cubic inches in a cubic foot, nevertheless $1728 \times \text{FP} \times 1.5 \times 1.125 \times 1.333 = 4096$ which is the 24th PWS member and $4096 \times 12 = 49152$ as we observe above.

The digits

As we identify, the Comma being: 1.0136432647705078125 observe how the multiplication process develops, omitting the zeros.

Hence: $1 \times 1 \times 3 \times 6 \times 4 \times 3 \times 2 \times 6 \times 4 \times 7 \times 7 \times 5 \times 7 \times 8 \times 1 \times 2 \times 5 = 1422489600$
 which is 46656×30488.888 this divided by the FP = 28940.625 that divided by: $1.5 \div 1.125 \div 1.333 = 12862.5$ exactly, this multiplied by one of the Comma components : $524288 = 6743654400$ and this divided by the Platonic: 25920 then divided by an additional musical scale, the Pythagorean minor third {32:27} of 1.185185 then divided by 640 {acres in a square mile} obtains 343 this being: $7 \times 7 \times 7$

The options regarding the 6743654400 are innumerable for instance $6743654400 \div 205800 = 32768$ the musical term produced prior, the $205800 \div 46656 = 4.4110082304$ which multiplied by 77.76 = 343, the $77.76 \times 333.333 = 25920$, the combinations are literally inexhaustible.

We now view the Comma multiplication process in full

Hence: $1 \times 1 \times 3 \times 6 \times 4 \{= 72\} \times 3 \{= 216\} \times 2 \{= 432\} \times 6 \{= 2592\} \times 4 \{= 10368\} \times 7 \{= 72756\} \times 7 \{= 508032\} \times 5 \{= 2540160\} \times 7 \{= 17781120\} \times 8 \{= 142248960\} \times 1 \times 2 \{= 284497920\} \times 5 = 1422489600$

The reader will note that 432 being obtained at stage: $1 \times 1 \times 3 \times 6 \times 4 \times 3 \times 2 = 432$, Likewise $1 + 1 + 3 + 6 + 4 + 3 + 2 + 6 + 4 + 7 + 7 + 5 + 7 + 8 + 1 + 2 + 5 = 72$ which multiplied by 19756800 = 1422489600, the utilised $19756800 \div 46656 = 423.456790123$ this multiplied by 0.81 = 343, the $0.81 \times 656100 = 531441$, tother Comma component.

The $656100 \times \text{FP} = 691200$, the 30th PWS number being: 6561, the 31st number being: 6912, the 656100 divided by the aforementioned musical number 32768 obtains exactly 20.0225830078125 which multiplied twice by the FP = 22.222 which multiplied by 1372 = 30488.888 {as seen above} the 1372 being 4×343

Old and New

The sole implementation is merely dividing and multiplying pure numbers, alternating with ancient fractions. Is there some influence on modern day units of measure due to

Mr. Plato and kindred, we have already utilised 46656, 640, 1728, 25920, 4320 etc also PC-TV screen pixels employ the numbers: 256, 768, 2048, 2187 etc, moreover PC memory being, for example: 262144 which is one half of 524288 a Comma component therefore we explore further.

There are 5280 feet in one mile there are 86400 seconds in 24 hours however the “number”: $86400 \div 5280 = 16.\underline{36}36$ which multiplied by 22 = 360 degrees, an ancient practice being to divide a parcel of circular land into 22 sections.

There are 46656 cubic inches in a cubic yard nonetheless $46656 \div 86400 = 0.54$ which multiplied by $9777.\underline{777} = 5280$, the $9777.\underline{777}$ multiplied by exactly 4.455 = 43560 the amount of square feet in one acre, however the Platonic Precession: $25920 \div 4.455 = 5818.\underline{18}18$ and this multiplied by 0.831875 = 4840 the amount of square yards in one acre.

Afterwards $1 \div 0.831875 = 1.20210368144$, within the digits we espy, the end PWS number: 10368, therefore $10368 \div 1.20210368144 = 8624.88$ exactly, this being 4840×1.782 , currently we observe a resemblance to 1728, cubic inches in one cubic foot. Therefore $1728 \div 1.782 = 969.\underline{69}69$ this being $640 \times 1.\underline{51}51$ which multiplied by 4012.8 = 6080 the Sea mile, the 4012.8 is 6.08×660 , the feet in one furlong. The square root of the “Rhind” fraction: $3.\underline{160493827}$ being $1.\underline{777}$ that multiplied by 5500 regains the above $9777.\underline{777}$

These examples demonstrated are quite obviously not the sole examples however to recover the occasion we move progress, since 10368 being the termination number of PWS likewise $10368 \times 4.5 = 46656$, furthermore 10368 is 16.2×640 , the $16.2 \times 1600 = 25920$, etc.

Comma of Pythagoras

The general consideration that Plato gave no heed to the Comma of Pythagoras to me seems somewhat impractical,

Since within: The Republic Book 1X... there is a paragraph wherein the number 729 is clearly referred to

“Yes the mathematicians will easily do the sum...the multiplication is complete, living 729 times more pleasantly...”

Accordingly we examine the 729 in view of the fact that it is intentionally remarked upon in support of some purpose or other, moreover: $729 \times 729 \times 729 = 387420489$ this multiplied twice by the FP {256:243} obtains 429981696 which divided twice by the PWS end number: $10368 = 4$

Alternatively $429981696 \div 32768 = 13122$ that divided by the first PWS number: $384 = 34.171875$ which multiplied by the FP = 36 alternatively 429981696 being the Plato-Timaeus “Whole” 46656×9216 , the 35th PWS number moreover $9216 \div 384 = 24$ Alternatively the 429981696 equates as $4 \times 2 \times 9 \times 9 \times 8 \times 1 \times 6 \times 9 \times 6 = 1679616$ which is 36×46656

Further justification pro accommodating 46656 as the “whole” referred to by Plato being as follows:

{A} the square root of 46656 being 216, the FP component $256 \div 216 = 1.185185$ {32:27} this divided by the perfect fourth {4:3} of $1.333 = 0.888$ which multiplied by $10.125 = 9$, the 10.125 is obviously 9×1.125 {9:8} similarly indicated by Plato

{B} we comprehend the Comma of Pythagoras is produced by the division of 531441 by 524288, likewise that the square root of 531441 is 729.

Therefore multiply the 729 by the above 216 to produce 157464 this being 531441×0.296296 which multiplied by $1.125 = 0.333$ which obviously is a third of: 1 {one}.

{C} The 216 being the FP component 243×0.888

Equally $729 \text{ minus } 216 = 513$, the 513 being a rearranged Gallery roofline length of 153 {feet} therefore $513 \div 153 = 3.3529411764705882$ at this time the options are innumerable for within this factor we perceive Gem 294 {Church} ...and Gem 1176 {Only-begotten son} “affixed” to 1764...and 882 Gem: City of god, the $294 \times 3 = 882$, the $294 \times 4 = 1176$, the $294 \times 6 = 1764$, etc.

Therefore $1764 \div 3.3529411764705882 \times 1176 = 618699.789473684210526315$ which multiplied by the Sea mile of: 6080 obtains exactly 3761694720 this divided by the seconds in 24 hours: 86400 then by the mile of 5280 feet obtains 8.245858 which multiplied by the Gallery floor line 1881 obtains exactly 15510.46 which is 30.23481481×513

The 30.23481481 is the FP multiplied by exactly 28.699453125 moreover the 28.699453125 divided by the above 1.185185 {32:27} then divided by the 3.3529411764705882 produces the obscure factor 7.2220663291529 which multiplied by the Sea mile: $6080 \times \text{FP} = 46259.2666$ which multiplied by 360 = 16653336

The produced 16653336 divided by the GP base area {756 x 756} of 571536 then multiplied by 1881 = 54808.3148148 this multiplied by Mr. Nasty $666 \times 360 = 13140841560$, whilst this is divided by 527690.6 we then obtain a reasonable approximation of the Earth Equatorial circumference: 24902.5500169

“Comma” Doppelganger

The GP base area: 571536 minus the Timaeus Whole: 46656 = 524880, this bears a resemblance to the Comma {531441:524288} component 524288

I mentioned prior the approximate Equatorial rotation period of the Sun being 26 days in addition to $360 \div 26 = 13.846153$ denoted as Sun.

Therefore 524880 divided by 524288 then multiplied twice by the FP = 1.111 for those who seek this factor within the fabric of the GP in that case: $2288 \times \text{Sun} = 31680$ which is 28512×1.111 the 28512 is 74.25×384 , the $74.25 \times 25920 = 1924560$

The $1924560 \div 524880 = 3.\underline{666}$ which multiplied by the GP height of: $480 = 1760$ the yards in one mile.

The Tetractys

The 527690.6 divided by the Comma component: 524288 then multiplied by the FP = 1.060335085519 this multiplied by the Tetractys number total: $8436 = 8944.986781442901234567$ subsequently this multiplied by the NC {Numerical Canon} Moon diameter of $11404800 = 102015785245$

The $102015785245 \div 1625 \div 2288 \div \text{Sun} = 1981.6586100427$ which multiplied by $4 \times \text{Pi} = 24902.2565249$ an additional reasonable approximation of Earths circumference. The 1625 being: Gem: Tree of Life, a principal illustration of Hebrew spirituality, analogous to the Pythagorean Tetractys {Gem: 1626}.

The lunar number being 1080 representing Yin and Yang, and $1080 \times 10560 = 11404800$, the 10560 being the acres in one square mile: 640×16.5 this multiplied by $114 = 1881$, the Gallery floor line length.

Similarly the 114 multiplied by $53.\underline{333} = 6080$, the Sea mile likewise 1080 having the Gem Fountain of Wisdom, however $1080 \times 666 = 719280$ which is the Platonic: 25920×27.75 , which multiplied by the $53.\underline{333} = 1480$, Gem Son of the Cosmos, likewise Throne of wisdom, subsequently $1111.\underline{111} \div 53.\underline{333} = 20.8\underline{333}$ which multiplied by $18.432 = 384$, the first PWS number.

The $18.432 \times 7128000 = 131383296$ the NC Earth circumference, alternatively $18.432 \times 4961250 = 91445760$ the GP volume, on the other hand 18.432 multiplied by exactly $25987500 = 479001600 \{=12!\}$.

Musical Scales

With regard to the musical scales, the 18.432 , denoted as M, produces the following:

{A} $M \times 1777.\underline{777} = 32768$ which is $31104 \times \text{FP}$, the 31104 being 1.2×25920

{B} $M \times 6666.\underline{666} = 122880$ which is $116640 \times \text{FP}$, the 116640 being 4.5×25920

{C} $M \times 444.\underline{444} = 8192$, {8192 being the 33rd number of PWS}

Other numbers 7128000, 4961250 and 25987500 produce numerous divisors such as 7128000 is 1350×5280 , etc.

The aforementioned 8436 pertains to the Pythagorean Tetractys, which is a triangle {Pyramid} commencing with one "dot" at the apex, then 2 "dots" then 3 then 4 etc, etc, terminating with a base row of 36 "dots", the exercise being to add the "dots".

The $1 + 2 = 3$, the 3 added to the following $3 = 6$, the 6 added to the following $4 = 10$, so on and so forth, in this fashion the total sum of "dots" is 8436, moreover adding 1 through to 36 obtains 666

The 8436 equates as $84 \times 36 = 3024$ the GP base perimeter, alternatively $8436 \div 3024 = 2.78968253$ subsequently $\text{Mr. Nasty } 666 \div 2.78968253 = 238.\underline{736842105263157894}$

which multiplied by the Sea mile of 6080 obtains exactly 1451520, which multiplied by 63 = 91445760, the GP volume, the shorter value Roman cubit being: 1.45152

Alternatively $8436 \times 3024 = 25510464$ which is 666×38304 , this being 384×99.75 , the Gallery floor line: $1881 \div 99.75 = 18.857142$ which multiplied by 280 = 5280 the mile Likewise $8 \times 4 \times 3 \times 6 = 576$, there being innumerable other combinations.

Tetractys

In a rudimentary fashion the Tetractys model is as depicted

0so 1“dot”
 0.0.....so 2 dots...then: $1 + 2 = 3$
 0.0.0.....so 3 dots...then $3 + 3 = 6$
 0.0.0.0so 4 dots...then $6 + 4 = 10$
 0.0.0.0.0so 5 dots...then $10 + 5 = 15$

Persist in the identical fashion to end with a bottom row of 36 “dots” thereby the sum at the Tetractys base level being 666, by the time we reach 17th row {from the top down} the sum is 153, herein lies a clue, seeing as $17 \times 108 = 1836$, likewise $153 \times 12 = 1836$, equally $17 \times 12 = 204$ which is one sixth of 1224, Gem: Divine Circle.

GP with Pi

Purely for those who seek Pi within the fabric of the GP one example being Exactly $19562762799 \div 6227020800 = 3.1415926535848410$ although containing a cyclic 848410 it is also Pi correct to 11 decimal places, the 6227020800 being 14400×432432 , the GP unit: 756×572

Likewise $6227020800 \div 480 \div 480 = 27027$ which is the GP top platform perimeter of 2288×11.8125 which multiplied by an FP {256:243} component, namely: $256 = 3024$ the GP base perimeter, etc.

Ancient Units of measure

Numerous publications in addition to web sites present their own judgement as to the interconnection betwixt ancient units of measure. Such as the Egyptian Royal cubit, the Roman mile, the Greek mile etc, the following may perhaps cast a little light on the subject.

In view of the fact that there appears to be a total disregard with regard to the FP {Pythagorean Limma: 256:243} Likewise the Comma of Pythagoras {531441:524288} there are innumerable examples available the following are but a few, {Sun being: $13.846153 = 360 \div 26$ }.

{1} the FP divided by the longer value Roman foot of: 0.9732096, afterwards multiplied by 531441 $\times 5280 = 3037500000$

Alternatively $FP \div 0.9732096 \times 531441 \times 1881 = 1082109375$, this divided by the GP top platform perimeter of: $2288 \div \text{Sun} = 34157.4928977272$ which multiplied by the 0.9732096 = 33242.4, the 33242.4 divided by Gem: Eagle: 576 then multiplied by the FP

= 60.8, obviously one tenth. of the Sea mile: 6080, there are numerous options available even within this single example, for instance:

{2} The GP unit {756 x 572} of $432432 \times 2288 = 989404416$ this divided by Gem Tree of Life: 1625, then divided by Gem Simon Peter: 1925 obtains exactly 316.29312, this is exactly 325×0.9732096

The above $3037500000 \div 325 \times 26 = 243000000$, which is obviously a multiple of the FP {256:243} component 243. Nevertheless $243 \times 355.\underline{555} = 86400$, the $355.\underline{555} \times 1.8 = 640$

An additional method being the product of 0.9732096 as such: $9 \times 7 \times 3 \times 2 \times 9 \times 6 = 20412$ which divided by the GP base perimeter of 3024 then multiplied by 256 = 1728

One factor that appears to connect each and every one of the assorted units of measure is 118.8, this being $384 \times 1881 = 722304$ which is the Sea mile 6080×118.8

Otherwise the longer value Roman foot of 0.9732096 equates as {3} $118.8 \div 0.9732096 = 122.0703125$ exactly, this multiplied by the FP afterwards by the 32nd PWS member: $7776 = 1000000$

City of god: 882

Several authors refer to a ratio of 441:440 as a fundamental factor governing the correlation betwixt the various units of measure {Roman, Greek, Egyptian etc}. This is straightforwardly converted to 882:880 the Gem 882 being City of God, likewise $3024 \div 882 \times 1540 = 5280$ the 1540 is 3.5×440 .

The $440 \div 118.8 = 3.\underline{703703}$ which multiplied by $1641.6 = 6080$ the Sea mile, the 1641.6 being the Gallery floor line length of $1881 \times 0.\underline{87272}$ which multiplied by the 440 = 384 the first PWS number.

A further example of the GP association in the midst of units of measure, ancient and modern is the shorter value Roman cubit {1.45152} increased to 1451520 is the Plato-Magnesia number 5040×288

Of added relevance being 1451520 is 480×3024 , {GP height x GP base perimeter} the 1451520 being tother GP number {756 x 572} namely number $432432 \times 3.\underline{356643}$ which multiplied by 1881 then divided by Sun {13.846153} obtains 456, which multiplied by 3.6 = 1641.6, as above.

The NC Earth 131383296 divided by the 1451520 then multiplied by $954.\underline{5454} = 86400$, the $954.\underline{5454} \times 1881 = 1795500$ which is 295.3125×6080

The $295.3125 \times 10.24 = 3024$, the Timaeus “Whole”: $46656 \div 10.24 = 4556.25$ which multiplied by the FP {256:243} obtains exactly 4800

A further example being the Greek foot of 1.01376 this will be obtained via the following operation: $3.2768 \times 1881 \div 6080 = 1.01376$

The 3.2768 ought to be familiar to those who comprehend the musical scales; likewise $3.2768 \div 0.9732096 \times 1881 = 6333.\underline{333}$ whilst we divide the unit of 118.8 by the

6333.333 then multiply by 6080 we obtain 114.048 this multiplied by 100000 = 11404800 the NC Moon diameter in feet, since $5280 \times 2160 = 11404800$, the $2160 \times 12 = 25920$, likewise $2160 \times 40 = 86400$

Livio Stecchini

Anywise it is blatantly apparent as to the number of options obtainable, therefore we delve into an additional avenue. Livio Stecchini maintained that the accurate value of the Greek foot is 1.0114606 the analogous Roman foot being 0.9709501, feet.

These evidently differ from William Flinders Petrie's Longer Roman foot of 0.9732096 feet, along with the Shorter Roman foot of 0.96768 feet, by the ratio 440:441, initially $0.96768 \times 3125 = 3024$, regarding the aforementioned ratios of 175:176 and 440:441 they will be employed in this fashion:

The $440 \div 441 \div 0.9732096 \times 0.96768 = 0.9920634$ that multiplied by the GP base perimeter of $3024 = 3000$

On the other hand:

{4} the $3125 \div 175 \times 176 \times 441 \div 440 = 3150$, this being the acres in a square mile: 640 multiplied by exactly 4.921875 this multiplied by the FP then divided by 1.4 = 3.703703 {in {3} above}.

Likewise the division of 441 by the commencing 118.8 obtains 3.71212 this is the shorter cubit of 1.71818 x 2.160493827 which multiplied by $1881 \times 86400 = 351120000$ which is 5280×66500 . The 66500 being 100×665 Gem Weapons of God, nevertheless $66500 \div 1881 \div 3.703703 \div 1.71818 = 5.555 which is one eighteenth of 100.$

The shorter cubit of 1.71818 being the GP base perimeter of 3024 divided by 1760, the yards in one mile.

Further still the $3.71212 \div 3.2323$ {6080 ÷ 1881} obtains exactly 1.1484375 which multiplied by the FP = 1.209876543 this multiplied by 364.5 = 441

The $364.5 \div 665 \times 175 \times 6080 = 583200$, this is 22.5×25920 , the Platonic Precession.

On the other hand Gem: Church: $294 \div 1.1484375 = 256$

Likewise one of the Comma components $524288 \div 22.5 = 23301.6888 this multiplied by exactly 1.40625 = 32768 the musical scale number re-emerges, the $1.40625 \times \text{FP} = 1.481481$$

This 1.481481 multiplied by Gem: of Son of the Cosmos: $1480 \times 25920 = 56832000$

which is the observed prior: 6333.333 x 8973.473684210526315789

Please note the 684 within the digits, given that $684 \times 8.888 = 6080$

As a result 8973.473684210526315789 x 6080 = 54558720 this being Mr. Nasty 666 x 81920, which is 213.333 x 384, the 81920 is 10×8192 the 33rd .number of PWS.

The $213.333 \div 66 = 3.2323$ which obviously multiplied by the Gallery: 1881 = 6080,

afterwards $441 \div 66 = 6.68181$ which is the Egyptian cubit: 1.71818 x 3.888 which multiplied by 495 = 1925 Gem: Simon Peter, however $1925 \div 5280 \times 691.2 = 252$

Then Gem: Tree of Life: $1625 \div 495 = 3.2828$ which is the 3.2323 multiplied by exactly 1.015625 which multiplied by the FP $\times 7776 = 8320$ which is the GP top platform perimeter of 2288×3.6363

Incidentally on a different tack: **Maya** Tzolkins: $5256 \div 1.015625 \times 1625 = 8409600$ which is the Platonic: 25920×324.444 which multiplied by $4.5 = 1460$ the Sothic Cycle.

I believe somewhat sufficient examples of integration have been illustrated, therefore we examine the aforementioned factor 118.8 and the various units of measure, likewise I am persuaded the evidence is apparent that 118.8 is associated with all the GP units of measure for example $118.8 \times 3640 = 432432$, the GP top platform perimeter of $2288 \div 3640 = 0.6285714$ which multiplied by $700 = 440$, likewise $26 \div 3640 \times 140 = 1$ {one}.

The 3640 multiplied by the above mentioned Maya Tzolkins: $5256 = 19131840$ which is the 2288×8361.8181 which is one eleventh of 91980, this divided by the Maya 18980 {73 x 260} obtains: 4.846153 that multiplied by: Gem YHWH: $26 = 126$

Longer value Greek foot

Prior to exploring the factor 118.8 it is worth mentioning that the longer value Greek foot of: 1.01376 multiplied by the GP base perimeter of $3024 = 3065.61024$

We employ, albeit reduced: Roman foot: 604.8...Greek furlong: 633.6...and a Greek mile: 5040...the number 63 in the company of Gem: Lord Jesus Christ: 3168

We observe prior the NC Earth mean circumference being: 131383296 {feet}.

The 3065.61024 denoted as X

As prior we observe combinational ancient units of measure emerge:

{1} $X \div 0.6048 = 5068.8$ the Greek mile that multiplied by $25920 = 131383296$

{2} $X \div 0.6336 = 4838.4$ the Roman mile that multiplied by $19008 = 919683072$ {7 x 131383296}

{3} $X \div 3168 = 0.96768$ shorter value Roman foot that multiplied by $9504 = 919683072$

{4} $X \div 5.04 = 608.256$ Roman furlong that multiplied by $151200 = 919683072$

{5} $X \div 0.63 = 4866.048$ the Roman mile that multiplied by $189000 = 919683072$

Likewise the Comma component 524288 utilised with the FP {256:243} as such:

The shorter value Greek foot of 1.01376 increased to 101376 divided by 524288 then multiplied by the FP {Pythagorean Limma: 256:243} obtains 0.2037037 denoted as V, a few properties of this factor being as follows.

{A} $V \times 23760 = 4840$ square yards in 1 acre {23760 is 0.91666×25920 }

{B} $V \times 213840 = 43560$ square feet in 1 acre {213840 is 8.25×25920 }

{C} $V \times 25920 = 5280$

{D} $V \times 2351462400 = 479001600$ {=12!} the 2351462400 is 46656×50400

Alternatively $27216 \times 86400 = 2351462400$, the 27216 is 1.05×25920 , likewise 27216 is 9×3024

Similarly $840 \times 2288 \div 1625 \times 3024 \div 3528000 = 1.01376$

The $3528000 \div 1925 \div 1066.\underline{666} = 1.71818$ the Egyptian cubit, the $1066.\underline{666} \times 43.74 = 46656$

The $43.74 \times 100 = 4374$ the 25th number of PWS.

Sumerian units of measure

The greater value of the Sumerian cubit is **1.66836**, likewise Livio Stecchini maintained the Greek foot as 1.0114606 feet, view the following and as is proper, form your own educated decision.

{A} $440 \div 441 \times 1.01376 = 1.011461224489$ which multiplied by Gem: Founder of the City 1225 = 1239.04 {Please see below}

{B} Exactly $195.75424 \div 360 \div FP = 0.516148875$, afterwards: $1.125 \div 0.516148875 \times 524288 = 1142740.0670010178$ which divided by $581818.\underline{1818} = 1.964084490157$

The aforementioned musical scale number $3.2768 \div 1.964084490157 = 1.66836$

The 195.75424 multiplied by 360 obtains exactly 70471.5264 which divided by $7.04 \times 666 \div 2368 \times FP \times 86400 = 256260096$ which is 256×1001016 which is 600000×1.66836

The 7.04 pertaining to the Stonehenge outer ring pillars, the distance between them is approximately 7.04 feet. The furlong of $660 \div 7.04 = 93.75$ which multiplied by the FP {256:243} obtains $98.\underline{765432098}$ this multiplied by **1026.432** = 101376, the **1026.432** $\div 25920 = 0.0396$ which multiplied by 1100000 = 43560, the square feet in one acre.

A connection being: **1026.432** divided by the commencing 195.75424 then multiplied by the **1.66836** = 8.748, which obviously multiplied by 1000 = 8748 the 34th member of PWS, the oft times quoted GP height of $481.\underline{0909} \times 1881 = 904932$ this divided by 6080 $\times FP = 156.8$ which multiplied by the GP top platform perimeter of: 2288 = 358758.4 which divided by the 1239.04 in {A} above obtains $289.\underline{5454}$

This $289.\underline{5454} \times 1008 \times 3168 = 924618240$ which divided by the supposed GP height of: $481.\underline{0909} = 1921920$ this, not merely 5005×384 , moreover 1921920 being $4.\underline{444} \times 432432$, the GP unit: 756×572

Then again the GP volume: $91445760 \div 1026.432 = 89090.\underline{9090}$ that multiplied by $0.0132 = 1176$, Only-begotten son, otherwise increase Gem 294: Church to read as $294000 \div 89090.\underline{9090} = 3.3$

Pi as exactly: 3.1416

Likewise a Pi factor of 3.1416 is frequently utilised, this may be obtained via numerous manoeuvres such as $510510 \div 162500 = 3.1416$ {Gem: Tree of Life: 1625}

The 510510 being 714×715 the sums of the respective prime factors of 714 and 715 are equal, however 510510 divided by the GP unit: $432432 = 1.180555$ which multiplied by $1555.2 = 1836$ the Gallery roofline length, the 1555.2 is 0.06×25920

Likewise $510510 \div 2288 \times \text{FP} = 235.061728395$ which multiplied by the 1728 within the digits obtains 406186.666 which divided by $129292.9292 = 3.1416$
The 129292.9292 being $40000 \times 3.23232 \{6080 \div 1881\}$.

A fine factor to obtain the numerous units of measure being exactly 490497638.4 this will be obtained via various methods the uncomplicated being the Comma component: $524288 \times 3024 \div 3.2323 = 490497638.4$, denoted as Z.

The reader will observe combinational ancient units of measure emerge

- {1} $Z \div 96768 = 5068.8$
- {2} $Z \div 10137.6 = 48384$
- {3} $Z \div 100800 = 4866.048$
- {4} $Z \div 5040 = 97320.96$
- {5} $Z \div 14598144 = 33.6$
- {6} $Z \div 252000 = 1946.4192 \{0.384 \times 5068.8\}$
- {7} $Z \div 479001600 = 1.024$
- {8} $Z \div 152064 = 3225.6$ which is the longer value Greek foot of: 1.01376×3181.8181
this multiplied by the mile of 5280 = 16800000 etc

To regain the abovementioned 1239.04 the following manoeuvre is advantageous
{9} Z divided by the Egyptian foot of $1.14545 = 428212224$, this being the NC Moon diameter of 11404800×37.54666

In that case the mile of $5280 \div 37.54666 = 140.625$ this multiplied the 1239.04 = 174240 which is 36×4840 the square yards in one acre.

Another option being the Egyptian foot 1.14545 is: $14 \div 11 \times 0.9$

The GP base perimeter: $3024 \div 1.14545 = 2640$ which is one half of 5280

A few curios methods being

{A} 152064 minus $101376 = 50688$

{B} 9732096 minus $101376 = 9630720$ this is 1900×5068.8 , the $1900 \times 0.99 = 1881$

The 9630720 requires exploration as to the kinship with 76032 and 20736, for they are both rearranged within, therefore $9630720 \div 76032 = 126.666$ this multiplied by 14.85 = 1881 the Gallery floor line length

The $14.85 \times 8 = 118.8$ detailed prior as: $9630720 \div 20736 = 464.444$ this multiplied by 4.05 = 1881, the $4.05 \times 6400 = 25920$

There are genuinely numerous avenues as yet to be revealed, for there is neither time nor room to illustrate all the various combinations, nonetheless I am confident the message is loud and clear, to paraphrase Plato, All is number.

One Greek "finger" = 0.76 inches, subsequently 16 "fingers" = 1 foot.

{1}. The Sea mile: $6080 \div 0.76 = 8000$

{2} the Gallery: $1881 \div 0.76 = 2475$

{3} $16 \div 0.76 = 21.052631578947368421$ this multiplied by 12.16 = 256 {an FP component: 256:243}

{4} $12.16 \times 12 = 145.92$ this is the first PWS number: 384×0.38 , this multiplied by 4950 = 1881

The square feet in one acre: 43560 divided by the 2475. = 17.6, multiples of being fairly obvious, since $17.6 \div 0.76 = 23.157894736842105263$ this multiplied by 6080 = 140800 this being the 43560×3.2323 obviously $6080 \div 1881$

The 4950 divided by the square yards in one acre: $4840 = 1.022727$ that multiplied by 1.1 = 1.125 the 1.125 being: FP x FP x Comma, otherwise $1.125 \times 8 = 9$

The 1.022727 divided by the Greek foot {441:440} of 1.0022727 afterwards multiplied by Gem: Founder of the City: 1225 = 1250

Otherwise the Roman Remen of 1.202727 being the 1.022727 x 1.176, Gem Only begotten son being: 1176

Subsequently actual Pi minus 0.1176 x 1000 = 3023.992653...tolerable as the GP base perimeter of 3024

One Roman pace = 5 feet, 1000 paces = 1 Roman mile, 5000 Roman feet = 4840, British feet.

{1} $4840 \div 0.76 = 6368.421052631578947368$ this multiplied by the “Sea” mile of 6080 = 38720000 which is the “Land” mile of 5280×7333.333 this being the first PWS number 384×19.097222 this multiplied by the 12.16 {in {3} and {4} above} = 232.222 this being the Gallery floor line length of $1881 \div 8.1$

The acres in one square mile: $640 \div 8.1 = 79.012345679$ which multiplied by an FP component {256:243} namely: 243 = 19200 an increased Gem: Mary: 192

Babylonian units of measure

One Babylonian Kus being approximately 20.9 inches, in that case $20.9 \times 90 = 1881$ the Gallery floor line length.

The $90 \times 0.76 = 68.4$, this being the Sea mile: $6080 \div 88.888$

The cubic inches in one cubic yard: $46656 \div 88.888 = 524.88$, which is the first PWS number 384×1.366875 this multiplied by the FP = 1.44

There are 1750 Egyptian Royal cubits of 1.728 within 3024, the GP perimeter

There are likewise 1760 shorter versions of this cubit {1.71818} comprising the perimeter of 3024

Therefore $1760 \div 1750 = 1.00571428$ this being one seventh of 7.04 = Stonehenge.

Alternatively $1.71818 \times 7.04 = 12.096$, then as is comprehensible a few multiples of 12.096 being 362880, 4838.4, 72576, 96768, 108864, 145152, etc

Likewise the GP volume of: $91445760 \div 12.096 = 7560000 = 2500 \times 3024$, etc

To convert any of the foregoing numbers into corresponding, various Greek, Roman etc

{1} Stonehenge: $7.04 \times 720 = 5068.8$ the Greek mile

{2} the longer value Roman foot of 0.9732096 increased to $9732096 \div 7.04 = 1382400$, this divided by 6080 x 1881 = 427680, and this being the modern-day mile 5280×81

The Roman mile of $4838.4 \div 81 = 59.7333$ this being the 0.76 multiplied by 78.596491228070175438 this multiplied by the Sea mile: $6080 \times 360 = 172032000$, this being 640×268800 this being 5280×50.9090 this multiplied by $1881 = 95760$ which is the 4838.4×19.791666 which multiplied by $360 = 7125$ which is 6333.333×1.125 {We observe 6333.333 prior}.

The 6333.333 multiplied by the seconds in 24 hours: $86400 = 547200000$, which is the Sea mile: 6080×90000

Likewise the above $95760 \div 5040 = 19$, subsequently $6080 \div 19 = 320$

The square feet in one acre: $43560 \div 320 = 136.125$ this multiplied by an increased Roman foot of $96768 = 13172544$, this being the GP base perimeter of 3024×4356

Likewise an increased Greek cubit of $15206400 \div 384 = 39600$ this being 640×61.875 , followed by $5280 \div 61.875 = 85.333$ this being $81 \times \text{FP } \{256:243\}$

Alternatively 85.333 multiplied by the 29th PWS number: $6144 = 524288$ a Comma component, the 6144 being $\text{FP} \times 5832$ the 28th PWS number.

Roman cubit

The Roman cubit of 1.4598144 increased to read as: $14598144 \div 6144 = 2376$, the NC distance Earth to Moon being: 237600 {miles}.

The NC distance Earth to Sun: 93312000 {miles} divided by the $2376 = 39272.7272$ which multiplied by $2.2 = 86400$

The NC Earth mean circumference {feet} being 131383296 this divided by the 39272.7272 obtains exactly 3345.408 which is the Schooldays Pi $\{22 \div 7\}$ of 3.142857×1064.448 , which is 1000×1.064448 , the Arabian Hashimi foot.

The combinations are limitless, a prime example being $1013760 \div 6080 = 166.736842105263157894$ this multiplied by $10368 \times 1881 = 3251736576$ exactly, and this being the Greek mile of 5068.8×641520 this being the Roman mile of $4838.4 \times 132.589285714$

The NC Earth circumference of $131383296 \div 132.589285714 = 990904.32$ exactly and this being 3024×327.68 which multiplied by $25 = 8192$, the 33rd PWS number.

Elect any one number you we so desire from the 36 comprising PWS, all will be divisors or multiples of the Earth's, Moon's, dimensions, likewise myriad miscellaneous dimensions.

Since the first PWS number: $384 \times 25344 = 9732096$, the 25344 divided by the GP base perimeter of $3024 = 8.380952$ subsequently the modern-day mile of $5280 \div 8.380952 = 630$ which multiplied by an increased Roman cubit: $145152 = 91445760$, the GP volume.

Likewise an increased Roman foot of: 96768 divided by the 30th PWS number: $6561 = 14.74897119341$, subsequently $3024 \div 14.74897119341$ obtains exactly: 205.03125 this multiplied by the $\text{FP } \{256:243\}$ obtains exactly 216 , a few multiples of the 216 are $86400, 1080, 1296, 1728, 1944, 237600, 25920, 479001600, 131383296, 35831808$

Conclusions

The foregoing myriad numerical interconnections confirmed, to me in any case, the mathematical astuteness of the Great Pyramid complex at Giza, Egypt. This methodology applied to the other wondrous monuments worldwide produces equivalent results. The knowledge bequeathed is sited in specific areas of the world, this is no coincidence; the message is perceptible, to those with eyes to see, moreover the humility to accept we, the inhabitants of this, {within the immensity of the cosmos} insignificant mote, planet Earth, moreover this mere grain of sand in the sea of life are not alone. Consider the term alone as you, the reader consider being relevant.

Likewise the mind of a child is wondrous, able to compare, compute, and analyse, however, little or no encouragement is forthcoming to release the innocent, yet complex enormity of the brainpower within. We the children of yesterday carry forth the ingrained memories of our own childhood, the drummed in theories, and the accepted viewpoints and so the remorseful cycle continues, we are obliged to question the entire, as a safeguard on behalf of our progeny.

This communal knowledge is openly, blatantly displayed the world over in the magnificent edifices and monuments, bequeathed as a signature of those who bestowed them as a legacy for humankind.

Following a lifetime investigation of humankind's evolution, culture, and religion and associated sciences, I have gained slight discernment in respect of the Ancients' approach and mathematical sleight of hand allowing for an ever so slight prising open of the mathematical genius of those who preceded us on this wondrous planet Earth.

Peace to you and yours.

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